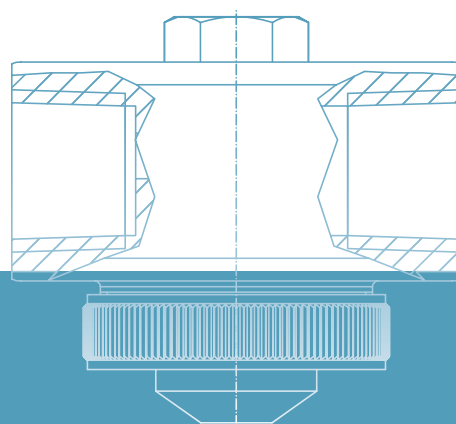




 PNEUMATICKÉ  
ROZPRAŠOVACÍ TRYSKY



# ➤ PNEUMATICKÉ ROZPRAŠOVACÍ TRYSKY OBEČNÉ INFORMACE



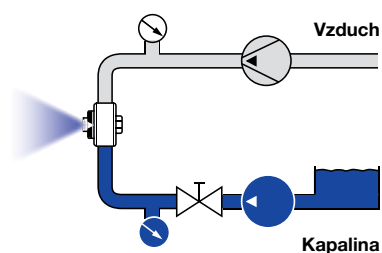
Pneumatické rozprašovací trysky produkují extrémně jemné kapičky s malým kapkovým spektrem. Lze je rozdělit na dva typy: S vnitřním směřováním (pro nízkoviskózní kapaliny) a s vnějším směřováním (pro viskózní kapaliny). Plyn a kapalina se mísí na vnitřní nebo vnější straně trysky. V závislosti na provedení trysky je kapalina nasávána samočinně nebo přiváděna pod tlakem. Konstrukcí trysky lze dosáhnout různých tvarů rozprašovacího paprsku.

## Pneumatické rozprašovací trysky

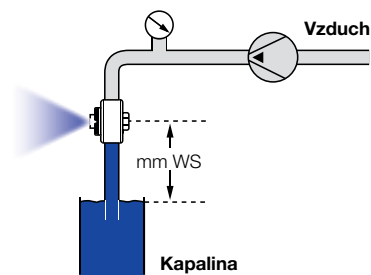


- Produkuje extrémně jemné kapičky
- Široká škála možností na přívod kapaliny
- Vnitřní nebo vnější směřování
- Vhodné pro zvlhčování, chlazení a atomizaci viskózních kapalin

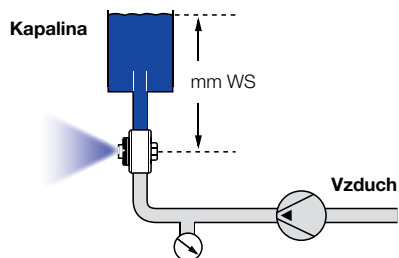
## Přívod kapaliny pod tlakem



## Nasávací princip










## Nátokový princip









# PNEUMATICKÉ ROZPRAŠOVACÍ TRYSKY PRODUKTOVÝ PŘEHLED









|  |   | Pneumatické rozprašovací trysky   |   |  |   |   |
|--|---|---|---|--|---|---|
|  |   |  |  |  |  |  |
| <b>Série</b>   |   | 140   | 176 ViscoMist   | 170  | 150   | 77X, 78X, 79X   |
| <b>Informace na str.</b>   |   | 53  | 54  | na vyžádání  | na vyžádání   | na vyžádání   |
| <b>Tvar paprsku</b>  | <b>Plný kužel</b>                       | •   | •   | •  | •   | •   |
|  | <b>Plochý paprsek</b>                   |   | •   |  |   |   |
|  | <b>Přímý paprsek</b>                    |   | •   |  |   |   |
| <b>Způsob přívody kapaliny</b>   | <b>Tlakový princip</b>                  |   | •   | •  | •   | •   |
|  | <b>Nasávací a/nebo nátokový princip</b> | •   |   |  |   |   |
| <b>Typ směšování</b>   | <b>Vnitřní směšování</b>                | •   |   | •  |   |   |
|  | <b>Vnější směšování</b>                 |   | •   |  | •   | •   |
| <br><b>Průtok</b>         | <b>l/h</b>                              | 4.50–12.00  | 7.80–307.00   | 8.50–290.00<br>[l/min]   | 0.15–63.00<br>[l/min]   | 3.00–1,164.00   |
| <br><b>Úhel rozstříku</b> | <b>Malý (15°–30°)</b>                   | •   | •   | •  | •   | •   |
|  | <b>Střední (45°)</b>                    |   |   |  |   |   |
|  | <b>Velký (60°–80°)</b>                  |   |   |  |   |   |





|  |   |  |  |  |  |
|--|---|---|--|---|---|
| <b>Série</b>   |   | <b>136.1</b>  | <b>136.2</b>   | <b>136.3</b>  | <b>136.4</b>  |
| <b>Informace na str.</b>   |   | 30  | 32   | 33  | 36  |
| <b>Tvar paprsku</b>  | <b>Plný kužel</b>                       | •   | •  | •   |   |
|  | <b>Plochý paprsek</b>                   |   |  |   | •   |
|  | <b>Přímý paprsek</b>                    |   |  |   |   |
| <b>Způsob přívody kapaliny</b>   | <b>Tlakový princip</b>                  | •   | •  |   | •   |
|  | <b>Nasávací a/nebo nátokový princip</b> |   |  | •   |   |
| <b>Typ směšování</b>   | <b>Vnitřní směšování</b>                | •   | •  |   | •   |
|  | <b>Vnější směšování</b>                 |   |  | •   |   |
| <br><b>Průtok</b>         | <b>I/h</b>                              | 0.40–93.20  | 0.40–132.90  | 0.30–66.72  | 0.10–76.10  |
| <br><b>Úhel rozstříku</b> | <b>Malý (15°–30°)</b>                   | •   |  | •   |   |
|  | <b>Střední (45°)</b>                    |   |  |   | •   |
|  | <b>Velký (60°–80°)</b>                  |   | •  |   | •   |

## Pneumatické rozprašovací trysky

|  |  |  |  |  |  |
|--|---|---|---|---|---|
| <b>136.5</b>   | <b>136.6</b>  | <b>166.1</b>  | <b>166.2</b>  | <b>166.4</b>  | <b>166.6</b>  |
| 38   | 40  | 44  | 46  | 47  | 49  |
|  |   | •   | •   |   |   |
| •  | •   |   |   | •   | •   |
|  |   |   |   |   |   |
|  | •   | •   | •   | •   | •   |
| •  |   |   |   |   |   |
| •  |   | •   | •   | •   |   |
|  | •   |   |   |   | •   |
| 0.80–3.20  | 1.68–102.10   | 0.40–93.20  | 0.40–132.90   | 0.10–76.10  | 1.68–102.10   |
|  |   | •   |   |   |   |
|  | •   |   |   | •   | •   |
| •  | •   |   | •   | •   | •   |

# ➤ Pneumatické rozprašovací trysky, plný kužel, Tlakový princip, Vnitřní směšování

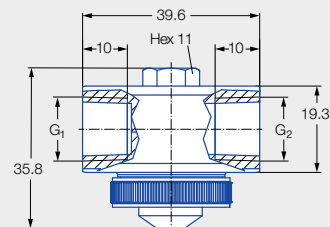
## Série 136.1

### Vlastnosti:

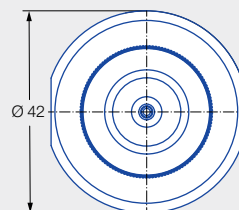
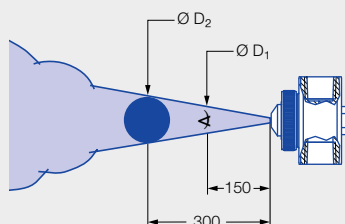
- Jemné rozprašování ve formě plného kužele
- Přívod kapaliny pod tlakem
- Vnitřní směšování

### Použití:

- Zvlhčování vzduchu
- Chlazení



Série 136.1



|                                      |                                    |   |                                    |
|--------------------------------------|------------------------------------|---|------------------------------------|
| Kapalina<br>Připojení G <sub>1</sub> | Vzduch<br>Připojení G <sub>2</sub> | Šroubovací<br>záslepka (velikost<br>11) | Váha [g]<br>(Nerezová ocel<br>303) |
| 1/4 BSPP                             | 1/4 BSPP                           | 5/16-24 UNF-2A                          | 220                                |

| Úhel          | Objednací č.  |            | Nejužší<br>průřez<br>tryskou<br>Ø<br>[mm] | Tlak kapaliny p [bar] |            |            |                                       |            |            |                                       |            |            |                                       |            |             | Rozměry paprsku |                          |                          |                                       |     |    |
|---------------|---------------|------------|---|-----------------------|------------|------------|---------------------------------------|------------|------------|---------------------------------------|------------|------------|---------------------------------------|------------|-------------|-----------------|--------------------------|--------------------------|---------------------------------------|-----|----|
|               | Typ           | Mat. č.    |   | 0.7                   |            |            | 1.5                                   |            |            | 3.0                                   |            |            | 4.0                                   |            |             | p<br>[bar]      | Ø D <sub>1</sub><br>[mm] | Ø D <sub>2</sub><br>[mm] |                                       |     |    |
|               |               | 1Y         |   | 16                    | p<br>[bar] | V<br>[l/h] | V <sub>n</sub><br>[m <sup>3</sup> /h] | p<br>[bar] | V<br>[l/h] | V <sub>n</sub><br>[m <sup>3</sup> /h] | p<br>[bar] | V<br>[l/h] | V <sub>n</sub><br>[m <sup>3</sup> /h] | p<br>[bar] | V<br>[l/h]  |                 |                          |                          | V <sub>n</sub><br>[m <sup>3</sup> /h] |     |    |
| 20°           | 136.115.xx.A2 | ●          | ●   | 0.5                   | 0.4        | <b>5.9</b> | 0.3                                   | 1.4        | <b>5.8</b> | 0.8                                   | 2.4        | <b>9.1</b> | 1.1                                   | 3.0        | <b>11.0</b> | 1.2             | 0.8                      | 0.7                      | 60                                    | 100 |    |
|               |               |            |   |                       | 0.8        | <b>3.8</b> | 0.6                                   | 1.8        | <b>4.1</b> | 1.0                                   | 2.8        | <b>7.5</b> | 1.2                                   | 3.4        | <b>9.6</b>  | 1.4             | 1.8                      | 1.5                      | 60                                    | 95  |    |
| 1.2           |               | <b>1.7</b> | 0.9                                       |                       | 2.2        | <b>2.2</b> | 1.4                                   | 3.2        | <b>5.9</b> | 1.5                                   | 3.8        | <b>8.2</b> | 1.6                                   | 2.6        | 2.0         | 60              | 100                      |                          |                                       |     |    |
| -             |               | -          | -   |                       | 2.6        | <b>1.2</b> | 1.7                                   | 3.6        | <b>4.4</b> | 1.8                                   | 4.2        | <b>6.8</b> | 1.9                                   | 3.2        | 3.0         | 55              | 95                       |                          |                                       |     |    |
| -             |               | -          | -   |                       | -          | -          | -                                     | 4.0        | <b>2.9</b> | 2.1                                   | 4.6        | <b>5.5</b> | 2.2                                   | 4.4        | 4.0         | 55              | 100                      |                          |                                       |     |    |
| -             |               | -          | -   |                       | -          | -          | -                                     | 4.4        | <b>2.0</b> | 2.5                                   | 5.0        | <b>4.1</b> | 2.5                                   | -          | -           | -               | -                        |                          |                                       |     |    |
| -             |               | -          | -   |                       | -          | -          | -                                     | 4.8        | <b>1.1</b> | 2.8                                   | 5.4        | <b>2.9</b> | 2.8                                   | -          | -           | -               | -                        |                          |                                       |     |    |
| -             |               | -          | -   |                       | -          | -          | -                                     | 5.2        | <b>0.4</b> | 3.0                                   | 5.8        | <b>2.1</b> | 3.1                                   | -          | -           | -               | -                        |                          |                                       |     |    |
| 136.125.xx.A2 |               | ●          | ●   |                       | 0.5        | 0.8        | <b>4.7</b>                            | 1.5        | 1.2        | <b>7.0</b>                            | 1.8        | 2.8        | <b>9.1</b>                            | 3.3        | 3.4         | <b>10.6</b>     | 3.9                      | 1.4                      | 0.7                                   | 55  | 90 |
|               |               |            |   |                       |            | 1.2        | <b>4.4</b>                            | 1.9        | 1.6        | <b>6.6</b>                            | 2.2        | 3.2        | <b>8.7</b>                            | 3.7        | 3.8         | <b>10.3</b>     | 4.3                      | 2.2                      | 1.5                                   | 55  | 95 |
|               | 1.6           | <b>4.0</b> | 2.3                                       | 2.0                   |            | <b>6.2</b> | 2.6                                   | 3.6        | <b>8.4</b> | 4.1                                   | 4.2        | <b>9.9</b> | 4.6                                   | 2.8        | 2.0         | 55              | 100                      |                          |                                       |     |    |
|               | 2.0           | <b>3.5</b> | 2.6                                       | 2.4                   |            | <b>5.8</b> | 3.0                                   | 4.0        | <b>8.0</b> | 4.5                                   | 4.6        | <b>9.6</b> | 5.0                                   | 3.4        | 3.0         | 60              | 100                      |                          |                                       |     |    |
|               | 2.4           | <b>3.0</b> | 3.0                                       | 2.8                   |            | <b>5.4</b> | 3.4                                   | 4.4        | <b>7.7</b> | 4.8                                   | 5.0        | <b>9.3</b> | 5.4                                   | 4.2        | 4.0         | 60              | 100                      |                          |                                       |     |    |
|               | 2.8           | <b>2.7</b> | 3.2                                       | 3.2                   |            | <b>4.9</b> | 3.7                                   | 4.8        | <b>7.3</b> | 5.2                                   | 5.4        | <b>8.9</b> | 5.8                                   | -          | -           | -               | -                        |                          |                                       |     |    |
|               | 3.2           | <b>2.0</b> | 3.7                                       | 3.6                   |            | <b>4.4</b> | 4.1                                   | 5.2        | <b>7.0</b> | 5.6                                   | 5.8        | <b>8.6</b> | 6.1                                   | -          | -           | -               | -                        |                          |                                       |     |    |
|               | 3.6           | <b>1.6</b> | 4.1                                       | 4.0                   |            | <b>3.9</b> | 4.5                                   | 5.6        | <b>6.6</b> | 5.9                                   | -          | -          | -                                     | -          | -           | -               | -                        |                          |                                       |     |    |
|               | 4.0           | <b>1.3</b> | 4.5                                       | 4.4                   |            | <b>3.5</b> | 4.8                                   | 6.0        | <b>6.2</b> | 6.3                                   | -          | -          | -                                     | -          | -           | -               | -                        |                          |                                       |     |    |
|               | 4.4           | <b>1.0</b> | 4.9                                       | 4.8                   |            | <b>3.1</b> | 5.2                                   | -          | -          | -                                     | -          | -          | -                                     | -          | -           | -               | -                        |                          |                                       |     |    |
|               | 4.8           | <b>0.6</b> | 5.2                                       | 5.2                   |            | <b>2.7</b> | 5.6                                   | -          | -          | -                                     | -          | -          | -                                     | -          | -           | -               | -                        |                          |                                       |     |    |
|               | -             | -          | -   | 5.6                   |            | <b>2.3</b> | 5.9                                   | -          | -          | -                                     | -          | -          | -                                     | -          | -           | -               | -                        |                          |                                       |     |    |
| -             | -             | -          | 6.0                                       | <b>1.9</b>            | 6.3        | -          | -                                     | -          | -          | -                                     | -          | -          | -                                     | -          | -           |                 |                          |                          |                                       |     |    |

| Úhel | Objednací č.  |                    | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |              |             |                            |              |             |                            |              |             |                            |              |             | Rozměry paprsku |              |                       |                       |                            |   |   |
|------|---------------|--------------------|-------------------------------|-----------------------|--------------|-------------|----------------------------|--------------|-------------|----------------------------|--------------|-------------|----------------------------|--------------|-------------|-----------------|--------------|-----------------------|-----------------------|----------------------------|---|---|
|      | Typ           | Mat. č.            |                               | 0.7                   |              |             | 1.5                        |              |             | 3.0                        |              |             | 4.0                        |              |             | p Vzduch [bar]  | p voda [bar] | Ø D <sub>1</sub> [mm] | Ø D <sub>2</sub> [mm] |                            |   |   |
|      |               | 1Y                 |                               | 16                    | p            | V           | V <sub>n</sub>             | p            | V           | V <sub>n</sub>             | p            | V           | V <sub>n</sub>             | p            | V           |                 |              |                       |                       | V <sub>n</sub>             |   |   |
|      |               | Nerezová ocel 316L |                               | Nerezová ocel 303     | Vzduch [bar] | voda [l/h]  | Vzduch [m <sup>3</sup> /h] | Vzduch [bar] | voda [l/h]  | Vzduch [m <sup>3</sup> /h] | Vzduch [bar] | voda [l/h]  | Vzduch [m <sup>3</sup> /h] | Vzduch [bar] | voda [l/h]  |                 |              |                       |                       | Vzduch [m <sup>3</sup> /h] |   |   |
| 20°  | 136.134.xx.A2 | ●                  | ●                             | 0.7                   | 1.2          | <b>13.2</b> | 2.7                        | 2.0          | <b>19.4</b> | 3.9                        | 3.0          | <b>28.3</b> | 5.2                        | 3.8          | <b>32.6</b> | 6.2             | 1.8          | 0.7                   | 55                    | 95                         |   |   |
|      |               |                    |                               |                       | 1.6          | <b>12.4</b> | 3.3                        | 2.4          | <b>18.1</b> | 4.4                        | 3.4          | <b>27.5</b> | 5.7                        | 4.2          | <b>32.0</b> | 6.8             | 2.8          | 1.5                   | 60                    | 105                        |   |   |
|      |               |                    |                               |                       | 2.0          | <b>11.8</b> | 3.9                        | 2.8          | <b>17.3</b> | 4.9                        | 3.8          | <b>26.7</b> | 6.3                        | 4.6          | <b>31.3</b> | 7.3             | 3.8          | 2.0                   | 60                    | 105                        |   |   |
|      |               |                    |                               |                       | 2.4          | <b>11.4</b> | 4.4                        | 3.2          | <b>16.7</b> | 5.5                        | 4.2          | <b>25.9</b> | 6.8                        | 5.0          | <b>30.6</b> | 7.8             | 5.2          | 3.0                   | 65                    | 110                        |   |   |
|      |               |                    |                               |                       | 2.8          | <b>11.1</b> | 4.9                        | 3.6          | <b>16.1</b> | 6.0                        | 4.6          | <b>25.0</b> | 7.3                        | 5.4          | <b>29.9</b> | 8.4             | 6.0          | 4.0                   | 65                    | 110                        |   |   |
|      |               |                    |                               |                       | 3.2          | <b>10.8</b> | 5.5                        | 4.0          | <b>15.6</b> | 6.5                        | 5.0          | <b>24.2</b> | 7.8                        | 5.8          | <b>29.3</b> | 8.9             | -            | -                     | -                     | -                          | - |   |
|      |               |                    |                               |                       | 3.6          | <b>10.6</b> | 6.0                        | 4.4          | <b>15.2</b> | 7.0                        | 5.4          | <b>23.6</b> | 8.4                        | -            | -           | -               | -            | -                     | -                     | -                          | - | - |
|      |               |                    |                               |                       | 4.0          | <b>10.4</b> | 6.5                        | 4.8          | <b>15.0</b> | 7.6                        | 5.8          | <b>23.1</b> | 8.9                        | -            | -           | -               | -            | -                     | -                     | -                          | - | - |
|      |               |                    |                               |                       | 4.4          | <b>10.1</b> | 7.0                        | 5.2          | <b>14.6</b> | 8.1                        | -            | -           | -                          | -            | -           | -               | -            | -                     | -                     | -                          | - | - |
|      |               |                    |                               |                       | 4.8          | <b>9.9</b>  | 7.6                        | 5.6          | <b>14.1</b> | 8.6                        | -            | -           | -                          | -            | -           | -               | -            | -                     | -                     | -                          | - | - |
|      | 5.2           | <b>9.5</b>         | 8.1                           | 6.0                   | <b>13.8</b>  | 9.1         | -                          | -            | -           | -                          | -            | -           | -                          | -            | -           | -               | -            | -                     |                       |                            |   |   |
|      | 5.6           | <b>9.0</b>         | 8.6                           | -                     | -            | -           | -                          | -            | -           | -                          | -            | -           | -                          | -            | -           | -               | -            | -                     |                       |                            |   |   |
|      | 6.0           | <b>8.5</b>         | 9.2                           | -                     | -            | -           | -                          | -            | -           | -                          | -            | -           | -                          | -            | -           | -               | -            | -                     |                       |                            |   |   |
|      | 136.142.xx.A2 | ●                  | ●                             | 2.5                   | 1.4          | <b>24.2</b> | 5.1                        | 1.6          | <b>53.4</b> | 4.7                        | 3.2          | <b>70.8</b> | 8.0                        | 3.8          | <b>93.2</b> | 9.2             | 0.8          | 0.7                   | 60                    | 100                        |   |   |
|      |               |                    |                               |                       | 1.8          | <b>20.4</b> | 6.3                        | 2.0          | <b>42.6</b> | 5.9                        | 3.6          | <b>62.5</b> | 9.2                        | 4.2          | <b>83.1</b> | 10.1            | 1.6          | 1.5                   | 65                    | 105                        |   |   |
|      |               |                    |                               |                       | 2.2          | <b>20.0</b> | 7.2                        | 2.4          | <b>35.3</b> | 7.2                        | 4.0          | <b>55.7</b> | 10.6                       | 4.6          | <b>75.3</b> | 11.3            | 3.0          | 2.0                   | 60                    | 105                        |   |   |
|      |               |                    |                               |                       | 2.6          | <b>19.3</b> | 8.2                        | 2.8          | <b>30.4</b> | 8.4                        | 4.4          | <b>49.3</b> | 11.7                       | 5.0          | <b>69.0</b> | 12.5            | 4.0          | 3.0                   | 65                    | 110                        |   |   |
|      |               |                    |                               |                       | 3.0          | <b>17.6</b> | 9.3                        | 3.2          | <b>28.6</b> | 9.5                        | 4.8          | <b>44.6</b> | 12.9                       | 5.4          | <b>63.4</b> | 13.7            | 6.0          | 4.0                   | 65                    | 110                        |   |   |
|      |               |                    |                               |                       | 3.4          | <b>16.5</b> | 10.4                       | 3.6          | <b>28.2</b> | 10.5                       | 5.2          | <b>41.9</b> | 14.1                       | 5.8          | <b>57.5</b> | 14.9            | -            | -                     | -                     | -                          | - |   |
|      |               |                    |                               |                       | 3.8          | <b>17.0</b> | 11.4                       | 4.0          | <b>27.3</b> | 11.5                       | 5.6          | <b>40.4</b> | 15.1                       | -            | -           | -               | -            | -                     | -                     | -                          | - |   |
| 4.2  |               |                    |                               |                       | <b>16.3</b>  | 12.4        | 4.4                        | <b>25.9</b>  | 12.5        | 6.0                        | <b>39.7</b>  | 16.1        | -                          | -            | -           | -               | -            | -                     | -                     | -                          | - |   |
| 4.6  |               |                    |                               |                       | <b>15.1</b>  | 13.3        | 4.8                        | <b>24.3</b>  | 13.5        | -                          | -            | -           | -                          | -            | -           | -               | -            | -                     | -                     | -                          | - |   |
| 5.0  |               |                    |                               |                       | <b>14.0</b>  | 14.3        | 5.2                        | <b>22.3</b>  | 14.6        | -                          | -            | -           | -                          | -            | -           | -               | -            | -                     | -                     | -                          | - |   |
| 5.4  | <b>13.1</b>   | 15.3               | 5.6                           | <b>21.8</b>           | 15.7         | -           | -                          | -            | -           | -                          | -            | -           | -                          | -            | -           | -               | -            |                       |                       |                            |   |   |
| 5.8  | <b>12.4</b>   | 16.2               | 6.0                           | <b>21.4</b>           | 16.7         | -           | -                          | -            | -           | -                          | -            | -           | -                          | -            | -           | -               | -            |                       |                       |                            |   |   |

Objednání Typ + Materiál č. = Objednací č.  
příklad: 136.134.xx.A2 + 1Y = 136.134.1Y.A2



# ➤ Pneumatické rozprašovací trysky, plný kužel, tlakový princip, vnitřní směšování

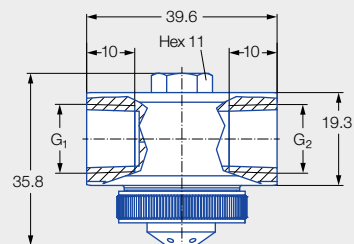
## Série 136.2

### Vlastnosti:

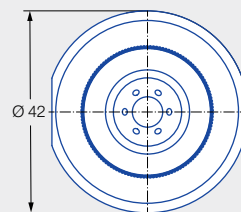
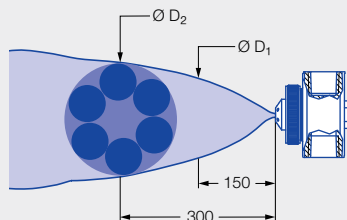
- Jemné rozprašování ve formě plného kužele
- Přívod kapaliny pod tlakem
- Vnitřní směšování
- Široký úhel rozstříku - 60°

### Použití:

- Zvlhčování vzduchu
- Chlazení



Série 136.2



| Kapalina<br>Připojení G <sub>1</sub> | Vzduch<br>Připojení G <sub>2</sub> | Šroubovací<br>záslepka<br>(velikost 11) | Váha [g]<br>(Nerezová ocel<br>303) |
|--------------------------------------|------------------------------------|---|------------------------------------|
| 1/4 BSPP                             | 1/4 BSPP                           | 5/16-24 UNF-2A                          | 220                                |

| Úhel | Objednací č.  |         | Nejužší<br>průřez<br>tryskou<br>Ø<br>[mm] | Tlak kapaliny p [bar] |                   |                 |                                 |                   |                 |                                 |                   |                 |                                 |                   |                 | Rozměry paprsku |                          |                          |                                 |     |     |
|------|---------------|---------|---|-----------------------|-------------------|-----------------|---------------------------------|-------------------|-----------------|---------------------------------|-------------------|-----------------|---------------------------------|-------------------|-----------------|-----------------|--------------------------|--------------------------|---------------------------------|-----|-----|
|      | Typ           | Mat. č. |   | 0.7                   |                   |                 | 1.5                             |                   |                 | 3.0                             |                   |                 | 4.0                             |                   |                 | p<br>[bar]      | Ø D <sub>1</sub><br>[mm] | Ø D <sub>2</sub><br>[mm] |                                 |     |     |
|      |               | 1Y      |   | 16                    | p<br>Vzduch [bar] | V<br>voda [l/h] | V <sub>n</sub><br>Vzduch [m³/h] | p<br>Vzduch [bar] | V<br>voda [l/h] | V <sub>n</sub><br>Vzduch [m³/h] | p<br>Vzduch [bar] | V<br>voda [l/h] | V <sub>n</sub><br>Vzduch [m³/h] | p<br>Vzduch [bar] | V<br>voda [l/h] |                 |                          |                          | V <sub>n</sub><br>Vzduch [m³/h] |     |     |
| 60°  | 136.215.xx.A2 | ●       | ●   | 0.5                   | 1.0               | <b>3.0</b>      | 1.3                             | 1.6               | <b>5.8</b>      | 1.7                             | 2.8               | <b>8.5</b>      | 2.4                             | 3.8               | <b>9.4</b>      | 3.1             | 1.0                      | 0.7                      | 200                             | 330 |     |
|      |               |         |   |                       | 1.2               | <b>1.8</b>      | 1.5                             | 1.8               | <b>4.9</b>      | 1.9                             | 3.2               | <b>7.2</b>      | 2.8                             | 4.2               | <b>8.2</b>      | 3.5             | 1.6                      | 1.5                      | 230                             | 380 |     |
|      |               |         |   |                       | 1.4               | <b>0.7</b>      | 1.8                             | 2.0               | <b>3.8</b>      | 2.1                             | 3.6               | <b>5.7</b>      | 3.2                             | 4.6               | <b>6.9</b>      | 3.9             | 2.4                      | 2.0                      | 230                             | 385 |     |
|      |               |         |   |                       | -                 | -               | -                               | 2.2               | <b>2.8</b>      | 2.3                             | 4.0               | <b>4.0</b>      | 3.6                             | 5.0               | <b>5.4</b>      | 4.2             | 3.2                      | 3.0                      | 245                             | 390 |     |
|      |               |         |   |                       | -                 | -               | -                               | 2.4               | <b>1.7</b>      | 2.5                             | 4.4               | <b>2.2</b>      | 4.1                             | 5.4               | <b>3.8</b>      | 4.7             | 4.2                      | 4.0                      | 250                             | 410 |     |
|      |               |         |   |                       | -                 | -               | -                               | 2.6               | <b>0.8</b>      | 2.8                             | 4.8               | <b>0.8</b>      | 4.5                             | 5.8               | <b>2.3</b>      | 5.2             | -                        | -                        | -                               | -   | -   |
|      | 136.222.xx.A2 | ●       | ●   | 1.0                   | 0.8               | <b>17.5</b>     | 2.8                             | 1.6               | <b>25.9</b>     | 4.0                             | 3.0               | <b>40.4</b>     | 5.8                             | 3.8               | <b>54.9</b>     | 6.4             | 0.8                      | 0.7                      | 250                             | 450 |     |
|      |               |         |   |                       | 1.0               | <b>6.0</b>      | 4.3                             | 1.8               | <b>14.7</b>     | 5.3                             | 3.2               | <b>31.5</b>     | 6.9                             | 4.0               | <b>45.6</b>     | 7.3             | 1.6                      | 1.5                      | 245                             | 465 |     |
|      |               |         |   |                       | -                 | -               | -                               | 2.0               | <b>6.7</b>      | 6.7                             | 3.4               | <b>22.2</b>     | 8.2                             | 4.2               | <b>37.6</b>     | 8.5             | 2.3                      | 2.0                      | 245                             | 465 |     |
|      |               |         |   |                       | -                 | -               | -                               | 2.2               | <b>1.9</b>      | 8.1                             | 3.6               | <b>14.6</b>     | 9.5                             | 4.4               | <b>29.6</b>     | 9.7             | 3.2                      | 3.0                      | 250                             | 465 |     |
|      |               |         |   |                       | -                 | -               | -                               | -                 | -               | -                               | -                 | 3.8             | <b>8.5</b>                      | 11.0              | 4.6             | <b>21.6</b>     | 11.2                     | 4.2                      | 4.0                             | 245 | 465 |
|      |               |         |   |                       | -                 | -               | -                               | -                 | -               | -                               | -                 | 4.0             | <b>4.5</b>                      | 12.3              | 4.8             | <b>15.3</b>     | 12.4                     | -                        | -                               | -   | -   |
|      |               |         |   |                       | -                 | -               | -                               | -                 | -               | -                               | -                 | -               | -                               | -                 | 5.0             | <b>9.7</b>      | 13.8                     | -                        | -                               | -   | -   |
|      |               |         |   |                       | -                 | -               | -                               | -                 | -               | -                               | -                 | -               | -                               | -                 | 5.2             | <b>6.0</b>      | 15.2                     | -                        | -                               | -   | -   |
|      | 136.231.xx.A2 | ●       | ●   | 1.4                   | 1.6               | <b>25.6</b>     | 5.1                             | 2.6               | <b>44.2</b>     | 7.0                             | 3.6               | <b>93.7</b>     | 7.9                             | 4.2               | <b>132.9</b>    | 16.3            | 2.0                      | 0.7                      | 235                             | 380 |     |
|      |               |         |   |                       | 2.0               | <b>17.8</b>     | 6.2                             | 3.0               | <b>33.0</b>     | 8.2                             | 4.0               | <b>78.3</b>     | 9.3                             | 4.6               | <b>117.2</b>    | 9.0             | 2.6                      | 1.5                      | 245                             | 415 |     |
|      |               |         |   |                       | 2.4               | <b>11.3</b>     | 7.2                             | 3.4               | <b>24.7</b>     | 9.2                             | 4.4               | <b>65.8</b>     | 10.6                            | 5.0               | <b>101.1</b>    | 10.4            | 2.4                      | 2.0                      | 255                             | 420 |     |
|      |               |         |   |                       | 2.8               | <b>6.9</b>      | 8.1                             | 3.8               | <b>18.1</b>     | 10.2                            | 4.8               | <b>54.9</b>     | 11.9                            | 5.4               | <b>87.9</b>     | 11.8            | 3.6                      | 3.0                      | 255                             | 425 |     |
|      |               |         |   |                       | -                 | -               | -                               | 4.2               | <b>13.2</b>     | 11.2                            | 5.2               | <b>45.6</b>     | 13.0                            | 5.8               | <b>76.6</b>     | 13.2            | 4.2                      | 4.0                      | 265                             | 430 |     |
|      |               |         |   |                       | -                 | -               | -                               | 4.6               | <b>9.3</b>      | 12.0                            | 5.6               | <b>38.0</b>     | 14.1                            | 6.0               | <b>71.2</b>     | 13.8            | -                        | -                        | -                               | -   |     |
|      |               |         |   |                       | -                 | -               | -                               | -                 | -               | -                               | 6.0               | <b>36.1</b>     | 14.4                            | -                 | -               | -               | -                        | -                        | -                               | -   | -   |

Objednání Typ + Materiál č. = Objednací č.  
příklad: 136.215.xx.A2 + 1Y = 136.215.1Y.A2

# ➤ Pneumatické rozprašovací trysky, plný kužel, nasávací princip, vnější směšování

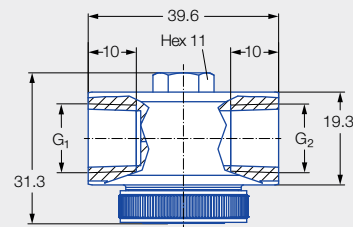
## Série 136.3

### Vlastnosti:

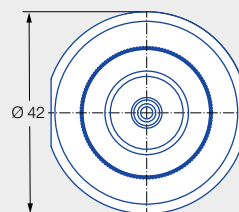
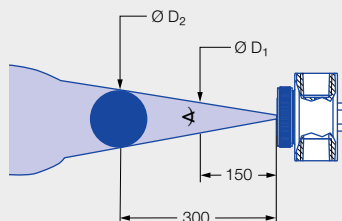
- Zvlášť jemné rozprašování ve formě plného kužele
- Nasávací princip
- Vnější směšování

### Použití:

- Chlazení
- Rozprašování viskózních kapalin
- Chemický průmysl



Série 136.3



|                                     |                                   |   |                                    |
|-------------------------------------|-----------------------------------|---|------------------------------------|
| Kapalina<br>PřipojeníG <sub>1</sub> | Vzduch<br>PřipojeníG <sub>2</sub> | Šroubovací<br>záslepka<br>(velikost 11) | Váha [g]<br>(Nerezová ocel<br>303) |
| 1/4 BSPP                            | 1/4 BSPP                          | 5/16-24 UNF-2A                          | 220                                |

| Úhel | Objednávací č. |         | Nejužší průřez tryskou Ø [mm] | Vzduch  |                                    | V voda [l/h]          |      |      |                    |      |      | Rozměry paprsku |                    |                       |                       |     |     |     |
|------|----------------|---------|-------------------------------|---------|------------------------------------|-----------------------|------|------|--------------------|------|------|-----------------|--------------------|-----------------------|-----------------------|-----|-----|-----|
|      | Typ            | Mat. č. |                               | p [bar] | V <sub>n</sub> [m <sup>3</sup> /h] | Vodní sloupec [mm WS] |      |      | Sací výška [mm WS] |      |      | p Vzduch [bar]  | Sací výška [mm WS] | Ø D <sub>1</sub> [mm] | Ø D <sub>2</sub> [mm] |     |     |     |
|      |                | 1Y      |                               |         |                                    | 16                    | 150  | 300  | 450                | 100  | 200  |                 |                    |                       |                       | 300 | 600 | 900 |
| 20°  | 136.316.xx.A2  | ●       | ●                             | 0.40    | 0.60                               | 0.70                  | -    | 1.38 | 1.32               | -    | -    | -               | -                  | -                     | 1.40                  | 300 | 60  | 110 |
|      |                |         |                               |         | 0.80                               | 0.90                  | 1.29 | 1.44 | 1.38               | -    | -    | -               | -                  | -                     | 3.20                  | 300 | 60  | 120 |
|      |                |         |                               |         | 1.20                               | 1.10                  | 1.47 | 1.62 | 1.53               | 1.02 | 0.84 | -               | -                  | 4.80                  | 300                   | 80  | 135 |     |
|      |                |         |                               |         | 1.40                               | 1.20                  | 1.50 | 1.68 | 1.62               | 1.14 | 0.96 | 0.66            | -                  | 6.00                  | 300                   | 70  | 120 |     |
|      |                |         |                               |         | 1.80                               | 1.40                  | 1.62 | 1.80 | 1.71               | 1.26 | 1.11 | 0.90            | -                  | -                     | -                     | -   | -   |     |
|      |                |         |                               |         | 2.00                               | 1.60                  | 1.68 | 1.86 | 1.77               | 1.32 | 1.17 | 0.96            | -                  | -                     | -                     | -   | -   |     |
|      |                |         |                               |         | 2.40                               | 1.80                  | 1.74 | 1.92 | 1.86               | 1.44 | 1.32 | 1.14            | 0.51               | -                     | -                     | -   | -   |     |
|      |                |         |                               |         | 2.60                               | 1.90                  | 1.80 | 1.98 | 1.89               | 1.50 | 1.32 | 1.20            | 0.63               | -                     | -                     | -   | -   |     |
|      |                |         |                               |         | 3.00                               | 2.10                  | 1.92 | 2.07 | 1.95               | 1.59 | 1.44 | 1.29            | 0.84               | 0.39                  | -                     | -   | -   |     |
|      |                |         |                               |         | 3.20                               | 2.20                  | 1.95 | 2.10 | 1.98               | 1.65 | 1.50 | 1.35            | 0.96               | 0.48                  | -                     | -   | -   |     |
|      |                |         |                               |         | 3.60                               | 2.40                  | 2.07 | 2.19 | 2.10               | 1.80 | 1.65 | 1.50            | 1.14               | 0.72                  | -                     | -   | -   |     |
|      |                |         |                               |         | 3.80                               | 2.60                  | 2.13 | 2.25 | 2.16               | 1.83 | 1.71 | 1.59            | 1.23               | 0.81                  | -                     | -   | -   |     |
|      |                |         |                               |         | 4.20                               | 2.80                  | 2.22 | 2.37 | 2.28               | 1.95 | 1.80 | 1.68            | 1.38               | 1.08                  | -                     | -   | -   |     |
|      |                |         |                               |         | 4.40                               | 2.90                  | 2.25 | 2.40 | 2.34               | 1.98 | 1.89 | 1.77            | 1.44               | 1.14                  | -                     | -   | -   |     |
|      |                |         |                               |         | 4.80                               | 3.10                  | 2.25 | 2.34 | 2.28               | 1.92 | 1.86 | 1.77            | 1.50               | 1.14                  | -                     | -   | -   |     |
|      |                |         |                               |         | 5.00                               | 3.20                  | 2.25 | 2.31 | 2.22               | 1.89 | 1.83 | 1.71            | 1.41               | 0.84                  | -                     | -   | -   |     |
| 5.40 | 3.40           | 2.13    | 2.25                          | 2.16    | 1.80                               | 1.68                  | 1.56 | 1.05 | 0.30               | -    | -    | -               |                    |                       |                       |     |     |     |
| 5.60 | 3.60           | 2.07    | 2.19                          | 2.10    | 1.74                               | 1.65                  | 1.44 | 0.72 | -                  | -    | -    | -               |                    |                       |                       |     |     |     |
| 6.00 | 3.80           | 1.98    | 2.10                          | 1.95    | 1.56                               | 1.50                  | 1.26 | -    | -                  | -    | -    | -               |                    |                       |                       |     |     |     |



| Úhel | Objednací č.  |                    | Nejužší průřez tryskou Ø [mm] | Vzduch            |         | V voda [l/h]          |      |      |                    |      |      | Rozměry paprsku |      |      |                |                    |                       |                       |     |     |   |
|------|---------------|--------------------|-------------------------------|-------------------|---------|-----------------------|------|------|--------------------|------|------|-----------------|------|------|----------------|--------------------|-----------------------|-----------------------|-----|-----|---|
|      | Mat. č.       |                    |                               |                   |         | Vodní sloupec [mm WS] |      |      | Sací výška [mm WS] |      |      |                 |      |      |                |                    |                       |                       |     |     |   |
|      | Typ           | 1Y                 |                               | 16                | p [bar] | V <sub>n</sub> [m³/h] | 150  | 300  | 450                | 100  | 200  | 300             | 600  | 900  | p Vzduch [bar] | Sací výška [mm WS] | Ø D <sub>1</sub> [mm] | Ø D <sub>2</sub> [mm] |     |     |   |
|      |               | Nerezová ocel 316L |                               | Nerezová ocel 303 |         |                       |      |      |                    |      |      |                 |      |      |                |                    |                       |                       |     |     |   |
| 20°  | 136.324.xx.A2 | ●                  | ●                             | 0.70              | 0.80    | 0.90                  | -    | -    | -                  | 2.49 | 1.71 | -               | -    | -    | 1.20           | 300                | 60                    | 115                   |     |     |   |
|      |               |                    |                               |                   | 1.20    | 1.10                  | -    | -    | -                  | 3.12 | 2.53 | 1.86            | -    | -    | -              | -                  | 3.20                  | 300                   | 65  | 125 |   |
|      |               |                    |                               |                   | 1.40    | 1.20                  | -    | -    | -                  | 3.36 | 2.78 | 2.22            | -    | -    | -              | -                  | 4.80                  | 300                   | 70  | 135 |   |
|      |               |                    |                               |                   | 1.80    | 1.50                  | -    | -    | -                  | 3.75 | 3.22 | 2.67            | -    | -    | -              | -                  | 6.00                  | 300                   | 80  | 135 |   |
|      |               |                    |                               |                   | 2.00    | 1.60                  | -    | -    | -                  | 3.96 | 3.39 | 2.85            | 0.66 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 2.40    | 1.80                  | -    | -    | -                  | 4.29 | 3.73 | 3.21            | 1.41 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 2.60    | 1.90                  | -    | -    | -                  | 4.41 | 3.91 | 3.39            | 1.68 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 3.00    | 2.10                  | 5.43 | -    | -                  | 4.71 | 4.18 | 3.75            | 2.07 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 3.20    | 2.20                  | 5.55 | -    | -                  | 4.80 | 4.31 | 3.90            | 2.25 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 3.60    | 2.40                  | 5.82 | -    | -                  | 5.07 | 4.56 | 4.20            | 2.61 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 3.80    | 2.60                  | 6.03 | -    | -                  | 5.22 | 4.72 | 4.38            | 2.88 | 2.10 | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 4.20    | 2.80                  | 6.30 | 6.66 | -                  | 5.64 | 5.15 | 4.71            | 3.21 | 2.85 | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 4.40    | 2.90                  | 6.36 | 6.72 | 7.05               | 5.88 | 5.38 | 4.92            | 3.60 | 2.97 | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 4.80    | 3.10                  | 6.27 | 6.57 | 6.84               | 5.97 | 5.47 | 5.22            | 3.93 | 1.93 | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 5.00    | 3.20                  | 6.12 | 6.42 | 6.75               | 5.88 | 5.36 | 5.10            | 4.05 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      |               |                    |                               |                   | 5.40    | 3.40                  | 5.82 | 6.12 | 6.48               | 5.49 | 5.03 | 4.71            | 3.81 | -    | -              | -                  | -                     | -                     | -   | -   | - |
|      | 5.60          | 3.50               | 5.67                          | 5.97              | 6.30    | 5.22                  | 4.84 | 4.53 | 3.63               | -    | -    | -               | -    | -    | -              | -                  | -                     |                       |     |     |   |
|      | 6.00          | 3.80               | 5.31                          | 5.58              | 6.00    | 4.80                  | 4.48 | 4.08 | 1.92               | -    | -    | -               | -    | -    | -              | -                  | -                     |                       |     |     |   |
|      | 136.334.xx.A2 | ●                  | ●                             | 0.70              | 0.60    | 1.20                  | -    | -    | -                  | 2.19 | -    | -               | -    | -    | 0.80           | 300                | 65                    | 120                   |     |     |   |
|      |               |                    |                               |                   | 0.80    | 1.40                  | -    | -    | -                  | 2.64 | 2.28 | 1.44            | -    | -    | -              | 3.20               | 300                   | 65                    | 115 |     |   |
| 1.20 |               |                    |                               |                   | 1.80    | -                     | -    | -    | 3.39               | 3.00 | 2.73 | 0.78            | -    | -    | 4.80           | 300                | 70                    | 115                   |     |     |   |
| 1.40 |               |                    |                               |                   | 2.00    | -                     | -    | -    | 3.69               | 3.33 | 3.06 | 1.11            | -    | -    | 6.00           | 300                | 75                    | 120                   |     |     |   |
| 1.80 |               |                    |                               |                   | 2.30    | 5.19                  | -    | -    | 4.20               | 3.87 | 3.51 | 2.16            | -    | -    | -              | -                  | -                     | -                     | -   |     |   |
| 2.00 |               |                    |                               |                   | 2.50    | 5.43                  | 5.97 | 6.42 | 4.47               | 4.08 | 3.78 | 2.58            | 0.84 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 2.40 |               |                    |                               |                   | 2.80    | 5.79                  | 6.27 | 6.72 | 4.86               | 4.53 | 4.20 | 3.30            | 1.44 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 2.60 |               |                    |                               |                   | 3.00    | 6.00                  | 6.48 | 6.90 | 4.98               | 4.68 | 4.41 | 3.57            | 1.77 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 3.00 |               |                    |                               |                   | 3.40    | 6.30                  | 6.75 | 7.14 | 5.37               | 5.07 | 4.71 | 3.87            | 2.31 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 3.20 |               |                    |                               |                   | 3.50    | 6.42                  | 6.90 | 7.29 | 5.52               | 5.19 | 4.89 | 4.02            | 2.52 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 3.60 |               |                    |                               |                   | 3.90    | 6.75                  | 7.17 | 7.59 | 5.82               | 5.55 | 5.19 | 4.29            | 3.42 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 3.80 |               |                    |                               |                   | 4.00    | 6.87                  | 7.32 | 7.80 | 6.03               | 5.73 | 5.37 | 4.47            | 3.81 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 4.20 |               |                    |                               |                   | 4.40    | 7.29                  | 7.80 | 8.34 | 6.39               | 6.09 | 5.79 | 4.83            | 4.17 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 4.40 |               |                    |                               |                   | 4.60    | 7.62                  | 8.16 | 8.73 | 6.69               | 6.39 | 6.09 | 5.13            | 4.38 | -    | -              | -                  | -                     | -                     | -   |     |   |
| 4.80 | 4.90          | 8.37               | 8.85                          | 9.21              | 7.32    | 6.99                  | 6.69 | 5.76 | 4.86               | -    | -    | -               | -    | -    | -              |                    |                       |                       |     |     |   |
| 5.00 | 5.10          | 8.52               | 8.85                          | 9.15              | 7.71    | 7.32                  | 7.05 | 6.06 | 5.19               | -    | -    | -               | -    | -    | -              |                    |                       |                       |     |     |   |
| 5.40 | 5.40          | 8.34               | 8.64                          | 8.88              | 7.71    | 7.53                  | 7.29 | 6.48 | 5.67               | -    | -    | -               | -    | -    | -              |                    |                       |                       |     |     |   |
| 5.60 | 5.60          | 8.19               | 8.49                          | 8.76              | 7.59    | 7.41                  | 7.20 | 6.45 | 5.73               | -    | -    | -               | -    | -    | -              |                    |                       |                       |     |     |   |
| 6.00 | 5.90          | 7.86               | 8.16                          | 8.43              | 7.26    | 7.05                  | 6.84 | 6.15 | 5.64               | -    | -    | -               | -    | -    | -              |                    |                       |                       |     |     |   |

| Úhel | Objednáací č. |                    | Nejužší průřez tryskou Ø [mm] | Vzduch            |       | V voda [l/h]          |       |       |                    |       |       | Rozměry paprsku |                |                    |                       |                       |         |                                    |
|------|---------------|--------------------|-------------------------------|-------------------|-------|-----------------------|-------|-------|--------------------|-------|-------|-----------------|----------------|--------------------|-----------------------|-----------------------|---------|------------------------------------|
|      | Typ           | Mat. č.            |                               |                   |       | Vodní sloupec [mm WS] |       |       | Sací výška [mm WS] |       |       |                 |                |                    |                       |                       |         |                                    |
|      |               | 1Y                 |                               | 16                | 150   | 300                   | 450   | 100   | 200                | 300   | 600   | 900             | p Vzduch [bar] | Sací výška [mm WS] | Ø D <sub>1</sub> [mm] | Ø D <sub>2</sub> [mm] |         |                                    |
|      |               | Nerezová ocel 316L |                               | Nerezová ocel 303 |       |                       |       |       |                    |       |       |                 |                |                    |                       |                       | p [bar] | V <sub>n</sub> [m <sup>3</sup> /h] |
| 20°  | 136.342.xx.A2 | ●                  | ●                             | 1.50              | 1.40  | 3.60                  | -     | -     | -                  | 8.82  | -     | -               | 3.93           | -                  | 1.80                  | 300                   | 70      | 120                                |
|      |               |                    |                               |                   | 1.80  | 4.20                  | -     | -     | -                  | 9.45  | 8.49  | 7.50            | 5.22           | 3.39               | 3.00                  | 300                   | 70      | 120                                |
|      |               |                    |                               |                   | 2.00  | 4.50                  | 11.97 | -     | -                  | 9.75  | 8.91  | 7.95            | 5.76           | 4.05               | 4.20                  | 300                   | 70      | 120                                |
|      |               |                    |                               |                   | 2.40  | 5.20                  | 12.18 | -     | -                  | 10.26 | 9.51  | 8.73            | 6.75           | 5.19               | 6.00                  | 300                   | 70      | 120                                |
|      |               |                    |                               |                   | 2.60  | 5.50                  | 12.27 | 13.32 | -                  | 10.47 | 9.75  | 9.03            | 7.14           | 5.58               | -                     | -                     | -       | -                                  |
|      |               |                    |                               |                   | 3.00  | 6.10                  | 12.27 | 13.23 | 14.16              | 10.65 | 10.05 | 9.42            | 7.74           | 6.39               | -                     | -                     | -       | -                                  |
|      |               |                    |                               |                   | 3.20  | 6.40                  | 12.30 | 13.17 | 14.07              | 10.74 | 10.23 | 9.63            | 8.13           | 6.81               | -                     | -                     | -       | -                                  |
|      |               |                    |                               |                   | 3.60  | 7.00                  | 12.42 | 13.20 | 14.07              | 11.01 | 10.53 | 10.05           | 8.85           | 7.86               | -                     | -                     | -       | -                                  |
|      |               |                    |                               |                   | 3.80  | 7.30                  | 12.54 | 13.26 | 14.10              | 11.28 | 10.86 | 10.44           | 9.30           | 8.46               | -                     | -                     | -       | -                                  |
|      |               |                    |                               |                   | 4.20  | 8.00                  | 13.17 | 13.83 | 14.49              | 12.12 | 11.76 | 11.40           | 10.41          | 9.69               | -                     | -                     | -       | -                                  |
|      | 4.40          | 8.30               | 13.53                         | 14.13             | 14.73 | 12.48                 | 12.15 | 11.76 | 10.80              | 10.08 | -     | -               | -              | -                  |                       |                       |         |                                    |
|      | 4.80          | 8.90               | 13.98                         | 14.52             | 15.15 | 12.99                 | 12.63 | 12.18 | 11.19              | 10.29 | -     | -               | -              | -                  |                       |                       |         |                                    |
|      | 5.00          | 9.20               | 14.04                         | 14.52             | 15.15 | 13.05                 | 12.66 | 12.30 | 11.16              | 10.11 | -     | -               | -              | -                  |                       |                       |         |                                    |
|      | 5.40          | 9.80               | 13.74                         | 14.31             | 14.94 | 12.66                 | 12.24 | 11.79 | 10.62              | 9.21  | -     | -               | -              | -                  |                       |                       |         |                                    |
|      | 5.60          | 10.10              | 13.35                         | 14.04             | 14.64 | 12.27                 | 11.82 | 11.37 | 10.08              | 8.52  | -     | -               | -              | -                  |                       |                       |         |                                    |
|      | 6.00          | 10.80              | 12.21                         | 12.90             | -     | 10.98                 | 10.50 | 10.17 | 8.70               | 7.05  | -     | -               | -              | -                  |                       |                       |         |                                    |
|      | 3.20          | 11.50              | -                             | -                 | -     | -                     | 38.92 | -     | -                  | -     | 3.80  | 300             | 95             | 135                |                       |                       |         |                                    |
|      | 3.60          | 12.50              | -                             | -                 | -     | 45.73                 | 41.94 | -     | 33.17              | -     | 4.60  | 300             | 95             | 145                |                       |                       |         |                                    |
|      | 3.80          | 13.10              | -                             | -                 | -     | 47.81                 | 45.14 | 42.29 | 35.36              | -     | 5.40  | 300             | 100            | 150                |                       |                       |         |                                    |
|      | 4.20          | 14.20              | -                             | -                 | -     | 51.61                 | 49.07 | 46.46 | 39.58              | 29.94 | 6.00  | 300             | 95             | 150                |                       |                       |         |                                    |
| 4.40 | 14.80         | -                  | -                             | -                 | 53.10 | 50.87                 | 48.30 | 41.59 | 31.59              | -     | -     | -               | -              |                    |                       |                       |         |                                    |
| 4.80 | 15.90         | -                  | 63.39                         | -                 | 55.30 | 53.40                 | 51.26 | 45.06 | 34.68              | -     | -     | -               | -              |                    |                       |                       |         |                                    |
| 5.00 | 16.50         | -                  | 63.75                         | 66.69             | 56.05 | 54.15                 | 52.18 | 46.29 | 35.88              | -     | -     | -               | -              |                    |                       |                       |         |                                    |
| 5.40 | 17.60         | 61.12              | 64.17                         | 66.72             | 56.71 | 55.04                 | 53.17 | 47.62 | 37.83              | -     | -     | -               | -              |                    |                       |                       |         |                                    |
| 5.60 | 18.10         | 60.93              | 63.87                         | 66.48             | 56.66 | 55.04                 | 53.22 | 47.68 | 38.43              | -     | -     | -               | -              |                    |                       |                       |         |                                    |
| 6.00 | 19.20         | 59.89              | 62.88                         | 65.43             | 55.69 | 53.98                 | 52.11 | 45.78 | 37.05              | -     | -     | -               | -              |                    |                       |                       |         |                                    |

Objednání Typ + Materiál č. = Objednáací č.  
příklad: 136.342.xx.A2 + 1Y = 136.342.1Y.A2

# ➤ Pneumatické rozprašovací trysky, plochý paprsek, tlakový princip, vnitřní směšování Série 136.4



### Vlastnosti:

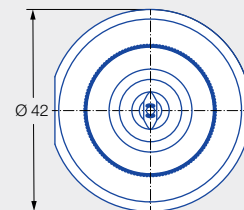
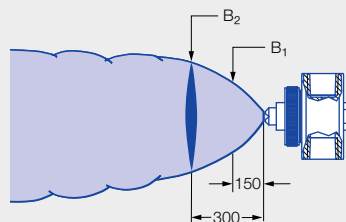
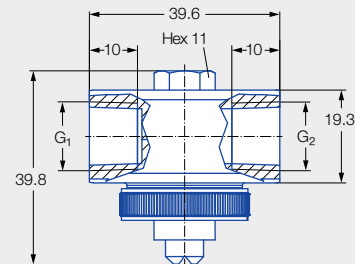
- Jemné rozprašování ve formě plochého paprsku
- Tlakový princip
- Vnitřní směšování

### Použití:

- Zvlhčování zboží
- Chlazení
- Zvlhčování pásů



Série 136.4



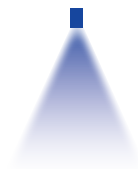
|                                     |                                   |   |                                    |
|-------------------------------------|-----------------------------------|---|------------------------------------|
| Kapalina<br>Připojení <sub>G1</sub> | Vzduch<br>Připojení <sub>G2</sub> | Šroubovací<br>záslepka<br>(velikost 11) | Váha [g]<br>(Nerezová ocel<br>303) |
| 1/4 BSPP                            | 1/4 BSPP                          | 5/16-24 UNF-2A                          | 220                                |

| Úhel | Objednací č.  |         | Nejužší<br>průřez<br>tryskou<br>Ø<br>[mm] | Tlak kapaliny p [bar] |            |             |                |            |             |                |     |             |                |     |             | Rozměry paprsku |     |     |                |     |              |                     |                     |  |
|------|---------------|---------|---|-----------------------|------------|-------------|----------------|------------|-------------|----------------|-----|-------------|----------------|-----|-------------|-----------------|-----|-----|----------------|-----|--------------|---------------------|---------------------|--|
|      | Typ           | Mat. č. |   | 0.7                   |            |             |                | 1.5        |             |                |     | 3.0         |                |     |             | 4.0             |     |     |                | p   | p voda [bar] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |  |
|      |               | 1Y      |   | 16                    | p          | V           | V <sub>n</sub> | p          | V           | V <sub>n</sub> | p   | V           | V <sub>n</sub> | p   | V           | V <sub>n</sub>  | p   | V   | V <sub>n</sub> |     |              |                     |                     |  |
| 45°  | 136.414.xx.A2 | ●       | ●   | 0.7                   | 1.0        | <b>7.7</b>  | 1.3            | 1.4        | <b>14.3</b> | 1.5            | 2.2 | <b>22.4</b> | 2.0            | 3.0 | <b>25.1</b> | 2.5             | 1.4 | 0.7 | 85             | 125 |              |                     |                     |  |
|      |               |         |   |                       | 1.2        | <b>6.0</b>  | 1.5            | 1.6        | <b>13.0</b> | 1.6            | 2.6 | <b>20.0</b> | 2.3            | 3.4 | <b>23.0</b> | 2.8             | 2.4 | 1.5 | 100            | 145 |              |                     |                     |  |
|      |               |         |   |                       | 1.4        | <b>4.2</b>  | 1.7            | 1.8        | <b>11.6</b> | 1.8            | 3.0 | <b>17.7</b> | 2.6            | 3.8 | <b>20.9</b> | 3.1             | 3.2 | 2.0 | 105            | 155 |              |                     |                     |  |
|      |               |         |   |                       | 1.6        | <b>2.7</b>  | 1.9            | 2.0        | <b>10.2</b> | 2.0            | 3.4 | <b>15.5</b> | 3.0            | 4.2 | <b>18.9</b> | 3.5             | 3.8 | 3.0 | 120            | 170 |              |                     |                     |  |
|      |               |         |   |                       | 1.8        | <b>1.3</b>  | 2.1            | 2.2        | <b>8.9</b>  | 2.2            | 3.8 | <b>13.3</b> | 3.4            | 4.6 | <b>16.9</b> | 3.8             | 4.6 | 4.0 | 130            | 210 |              |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 2.4        | <b>7.4</b>  | 2.4            | 4.2 | <b>11.0</b> | 3.7            | 5.0 | <b>14.9</b> | 4.2             | -   | -   | -              | -   | -            |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 2.6        | <b>5.9</b>  | 2.6            | 4.6 | <b>8.8</b>  | 4.1            | 5.4 | <b>12.8</b> | 4.6             | -   | -   | -              | -   | -            |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 2.8        | <b>4.6</b>  | 2.8            | 5.0 | <b>6.6</b>  | 4.5            | 5.8 | <b>10.8</b> | 5.0             | -   | -   | -              | -   | -            |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 3.0        | <b>3.2</b>  | 3.0            | 5.4 | <b>4.3</b>  | 4.9            | 6.0 | <b>9.8</b>  | 5.2             | -   | -   | -              | -   | -            |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 3.2        | <b>2.1</b>  | 3.2            | 5.8 | <b>2.5</b>  | 5.3            | -   | -           | -               | -   | -   | -              | -   | -            |                     |                     |  |
|      | -             | -       | -   | 3.4                   | <b>1.1</b> | 3.4         | 6.0            | <b>1.6</b> | 5.5         | -              | -   | -           | -              | -   | -           | -               | -   |     |                |     |              |                     |                     |  |
|      | 136.443.xx.A2 | ●       | ●   | 1.0                   | 1.2        | <b>13.9</b> | 1.5            | 1.6        | <b>26.6</b> | 1.6            | 3.0 | <b>37.1</b> | 2.6            | 3.6 | <b>45.6</b> | 2.9             | 1.2 | 0.7 | 110            | 165 |              |                     |                     |  |
|      |               |         |   |                       | 1.4        | <b>11.9</b> | 1.7            | 1.8        | <b>24.3</b> | 1.8            | 3.4 | <b>33.1</b> | 3.0            | 4.0 | <b>41.9</b> | 3.3             | 2.0 | 1.5 | 115            | 190 |              |                     |                     |  |
|      |               |         |   |                       | 1.6        | <b>9.5</b>  | 1.9            | 2.0        | <b>22.0</b> | 2.0            | 3.8 | <b>29.5</b> | 3.4            | 4.4 | <b>38.3</b> | 3.7             | 2.8 | 2.0 | 145            | 190 |              |                     |                     |  |
|      |               |         |   |                       | 1.8        | <b>7.8</b>  | 2.1            | 2.2        | <b>19.9</b> | 2.2            | 4.2 | <b>26.2</b> | 3.8            | 4.8 | <b>35.0</b> | 4.0             | 3.8 | 3.0 | 150            | 210 |              |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 2.4        | <b>18.0</b> | 2.4            | 4.6 | <b>23.0</b> | 4.2            | 5.2 | <b>31.8</b> | 4.5             | 4.8 | 4.0 | 160            | 230 |              |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 2.6        | <b>16.2</b> | 2.6            | 5.0 | <b>20.2</b> | 4.6            | 5.6 | <b>29.0</b> | 4.9             | -   | -   | -              | -   | -            |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 2.8        | <b>14.4</b> | 2.8            | 5.4 | <b>17.6</b> | 4.9            | 6.0 | <b>26.2</b> | 5.2             | -   | -   | -              | -   | -            |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 3.0        | <b>12.8</b> | 3.0            | 5.8 | <b>14.9</b> | 5.3            | -   | -           | -               | -   | -   | -              | -   | -            |                     |                     |  |
|      |               |         |   |                       | -          | -           | -              | 3.2        | <b>11.3</b> | 3.2            | 6.0 | <b>14.1</b> | 5.5            | -   | -           | -               | -   | -   | -              | -   | -            |                     |                     |  |
| -    |               |         |   |                       | -          | -           | 3.4            | <b>9.9</b> | 3.4         | -              | -   | -           | -              | -   | -           | -               | -   | -   | -              | -   | -            |                     |                     |  |
| -    | -             | -       | 3.6                                       | <b>8.8</b>            | 3.6        | -           | -              | -          | -           | -              | -   | -           | -              | -   | -           | -               | -   |     |                |     |              |                     |                     |  |

| Úhel          | Objednáací č. |                    | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |       |               |                     |       |             |                     |            |             |                     |            |             | Rozměry paprsku |              |                     |                     |                     |
|---------------|---------------|--------------------|-------------------------------|-----------------------|-------|---------------|---------------------|-------|-------------|---------------------|------------|-------------|---------------------|------------|-------------|-----------------|--------------|---------------------|---------------------|---------------------|
|               | Typ           | Mat. č.            |                               | 0.7                   |       |               | 1.5                 |       |             | 3.0                 |            |             | 4.0                 |            |             | p Vzduch [bar]  | p voda [bar] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |                     |
|               |               | 1Y                 |                               | 16                    | p     | V             | V <sub>n</sub>      | p     | V           | V <sub>n</sub>      | p          | V           | V <sub>n</sub>      | p          | V           |                 |              |                     |                     | V <sub>n</sub>      |
|               |               | Nerezová ocel 316L |                               | Nerezová ocel 303     | [bar] | [l/h]         | [m <sup>3</sup> /h] | [bar] | [l/h]       | [m <sup>3</sup> /h] | [bar]      | [l/h]       | [m <sup>3</sup> /h] | [bar]      | [l/h]       |                 |              |                     |                     | [m <sup>3</sup> /h] |
| 45°           | 136.462.xx.A2 | ●                  | ●                             | 1.5                   | 1.2   | <b>19.0</b>   | 2.6                 | 2.0   | <b>22.0</b> | 2.0                 | 3.0        | <b>61.8</b> | 4.0                 | 3.8        | <b>76.1</b> | 4.6             | 1.2          | 0.7                 | 120                 | 140                 |
|               |               |                    |                               |                       | 1.6   | <b>12.2</b>   | 3.4                 | 2.4   | <b>18.0</b> | 2.4                 | 3.4        | <b>51.9</b> | 4.8                 | 4.0        | <b>70.4</b> | 5.1             | 2.4          | 1.5                 | 120                 | 170                 |
|               |               |                    |                               |                       | 2.0   | <b>9.4</b>    | 4.1                 | 2.8   | <b>14.4</b> | 2.8                 | 3.8        | <b>44.6</b> | 5.8                 | 4.2        | <b>65.6</b> | 5.5             | 3.2          | 2.0                 | 120                 | 175                 |
|               |               |                    |                               |                       | 2.4   | <b>7.1</b>    | 4.8                 | 3.2   | <b>11.3</b> | 3.2                 | 4.2        | <b>39.0</b> | 6.6                 | 4.4        | <b>61.3</b> | 5.9             | 3.8          | 3.0                 | 140                 | 205                 |
|               |               |                    |                               |                       | 2.8   | <b>5.7</b>    | 5.4                 | 3.6   | <b>8.8</b>  | 3.6                 | 4.6        | <b>33.4</b> | 7.4                 | 4.6        | <b>57.3</b> | 6.4             | 6.0          | 4.0                 | 145                 | 205                 |
|               |               |                    |                               |                       | 3.2   | <b>5.0</b>    | 6.0                 | 4.0   | <b>8.1</b>  | 3.9                 | 5.0        | <b>29.4</b> | 8.1                 | 4.8        | <b>54.1</b> | 6.7             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | 3.6   | <b>3.6</b>    | 6.6                 | 4.4   | <b>6.2</b>  | 4.3                 | 5.4        | <b>25.5</b> | 8.9                 | 5.0        | <b>51.3</b> | 7.2             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | 4.0   | <b>3.2</b>    | 7.2                 | 4.8   | <b>4.6</b>  | 4.6                 | 5.8        | <b>22.0</b> | 9.6                 | 5.2        | <b>49.3</b> | 7.7             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | 4.4   | <b>2.2</b>    | 7.8                 | 5.2   | <b>3.2</b>  | 4.9                 | 6.0        | <b>20.6</b> | 9.9                 | 5.4        | <b>46.5</b> | 8.2             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | -     | -             | -                   | 5.6   | <b>1.6</b>  | 5.3                 | -          | -           | -                   | 5.6        | <b>43.7</b> | 8.6             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | -     | -             | -                   | 5.8   | <b>0.8</b>  | 5.4                 | -          | -           | -                   | 5.8        | <b>41.3</b> | 8.9             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | -     | -             | -                   | -     | -           | -                   | -          | -           | -                   | 6.0        | <b>39.0</b> | 9.3             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | 60°   | 136.425.xx.A2 | ●                   | ●     | 0.5         | 0.8                 | <b>6.5</b> | 1.2         | 1.4                 | <b>9.4</b> | 1.7         | 2.4             | <b>13.2</b>  | 2.5                 | 2.4                 | <b>16.1</b>         |
| 1.2           | <b>5.5</b>    | 1.6                | 1.8                           | <b>8.7</b>            |       |               |                     |       |             | 2.1                 | 2.6        | <b>12.9</b> | 2.7                 | 2.8        | <b>15.5</b> | 2.9             | 2.2          | 1.5                 | 165                 | 255                 |
| 1.6           | <b>4.7</b>    | 1.9                | 2.2                           | <b>7.9</b>            |       |               |                     |       |             | 2.4                 | 3.0        | <b>12.3</b> | 3.0                 | 3.2        | <b>15.0</b> | 3.2             | 3.0          | 2.0                 | 170                 | 265                 |
| 2.0           | <b>4.0</b>    | 2.3                | 2.6                           | <b>7.2</b>            |       |               |                     |       |             | 2.7                 | 3.4        | <b>11.8</b> | 3.4                 | 3.6        | <b>14.5</b> | 3.5             | 3.4          | 3.0                 | 200                 | 330                 |
| 2.4           | <b>3.2</b>    | 2.6                | 3.0                           | <b>6.4</b>            |       |               |                     |       |             | 3.1                 | 3.8        | <b>11.1</b> | 3.7                 | 4.0        | <b>13.9</b> | 3.8             | 5.6          | 4.0                 | 200                 | 330                 |
| 2.8           | <b>2.6</b>    | 2.9                | 3.4                           | <b>5.7</b>            |       |               |                     |       |             | 3.4                 | 4.2        | <b>10.4</b> | 4.0                 | 4.4        | <b>13.4</b> | 4.1             | -            | -                   | -                   | -                   |
| 3.0           | <b>2.2</b>    | 3.1                | 3.8                           | <b>5.1</b>            |       |               |                     |       |             | 3.7                 | 4.6        | <b>9.8</b>  | 4.3                 | 4.8        | <b>12.8</b> | 4.5             | -            | -                   | -                   | -                   |
| -             | -             | -                  | 4.0                           | <b>4.8</b>            |       |               |                     |       |             | 3.9                 | 5.0        | <b>9.2</b>  | 4.6                 | 5.2        | <b>12.2</b> | 4.8             | -            | -                   | -                   | -                   |
| -             | -             | -                  | 4.4                           | <b>4.2</b>            |       |               |                     |       |             | 4.2                 | 5.4        | <b>8.6</b>  | 5.0                 | 5.6        | <b>11.7</b> | 5.1             | -            | -                   | -                   | -                   |
| -             | -             | -                  | 4.8                           | <b>3.6</b>            |       |               |                     |       |             | 4.5                 | 5.8        | <b>8.1</b>  | 5.3                 | 6.0        | <b>11.2</b> | 5.4             | -            | -                   | -                   | -                   |
| -             | -             | -                  | 5.2                           | <b>2.8</b>            |       |               |                     |       |             | 4.8                 | 6.0        | <b>7.8</b>  | 5.4                 | -          | -           | -               | -            | -                   | -                   | -                   |
| -             | -             | -                  | 5.6                           | <b>2.2</b>            |       |               |                     |       |             | 5.1                 | -          | -           | -                   | -          | -           | -               | -            | -                   | -                   | -                   |
| -             | -             | -                  | 6.0                           | <b>1.6</b>            |       |               |                     |       |             | 5.5                 | -          | -           | -                   | -          | -           | -               | -            | -                   | -                   | -                   |
| 136.452.xx.A2 | ●             | ●                  | 1.5                           | 1.0                   |       | <b>18.8</b>   | 3.9                 | 1.8   | <b>31.0</b> | 5.3                 | 3.2        | <b>50.1</b> | 7.7                 | 3.8        | <b>70.7</b> | 8.2             | 1.0          | 0.7                 | 130                 | 185                 |
|               |               |                    |                               | 1.4                   |       | <b>8.6</b>    | 5.7                 | 2.0   | <b>25.4</b> | 6.3                 | 3.6        | <b>39.5</b> | 9.4                 | 4.2        | <b>58.6</b> | 9.6             | 1.8          | 1.5                 | 150                 | 240                 |
|               |               |                    |                               | 1.8                   |       | <b>7.4</b>    | 7.0                 | 2.2   | <b>20.1</b> | 7.2                 | 4.0        | <b>31.3</b> | 11.2                | 4.6        | <b>48.6</b> | 11.2            | 2.6          | 2.0                 | 155                 | 245                 |
|               |               |                    |                               | 2.2                   |       | <b>4.1</b>    | 8.4                 | 2.4   | <b>15.5</b> | 8.0                 | 4.4        | <b>24.0</b> | 12.9                | 5.0        | <b>41.2</b> | 13.1            | 3.6          | 3.0                 | 175                 | 280                 |
|               |               |                    |                               | 2.6                   |       | <b>1.0</b>    | 9.8                 | 2.6   | <b>12.4</b> | 8.9                 | 4.8        | <b>17.7</b> | 14.5                | 5.4        | <b>33.6</b> | 14.8            | 5.0          | 4.0                 | 180                 | 285                 |
|               |               |                    |                               | 2.8                   |       | <b>0.1</b>    | 10.3                | 2.8   | <b>10.4</b> | 9.6                 | 5.2        | <b>13.4</b> | 16.0                | 5.8        | <b>27.5</b> | 16.4            | -            | -                   | -                   | -                   |
|               |               |                    |                               | -                     |       | -             | -                   | -     | -           | -                   | 5.6        | <b>10.6</b> | 17.5                | 6.0        | <b>24.4</b> | 17.2            | -            | -                   | -                   | -                   |
| -             | -             | -                  | -                             | -                     | -     | 6.0           | <b>8.6</b>          | 18.8  | -           | -                   | -          | -           | -                   | -          | -           |                 |              |                     |                     |                     |
| 80°           | 136.433.xx.A2 | ●                  | ●                             | 0.4                   | 1.0   | <b>11.6</b>   | 2.0                 | 1.8   | <b>18.3</b> | 2.8                 | 3.0        | <b>31.0</b> | 3.7                 | 3.8        | <b>37.5</b> | 4.4             | 1.4          | 0.7                 | 150                 | 210                 |
|               |               |                    |                               |                       | 1.2   | <b>8.1</b>    | 2.4                 | 2.0   | <b>15.3</b> | 3.2                 | 3.4        | <b>25.4</b> | 4.4                 | 4.2        | <b>32.4</b> | 5.0             | 2.2          | 1.5                 | 185                 | 255                 |
|               |               |                    |                               |                       | 1.4   | <b>5.3</b>    | 2.8                 | 2.2   | <b>12.2</b> | 3.6                 | 3.8        | <b>20.6</b> | 5.1                 | 4.6        | <b>27.7</b> | 5.7             | 3.0          | 2.0                 | 205                 | 300                 |
|               |               |                    |                               |                       | 1.6   | <b>3.7</b>    | 3.2                 | 2.4   | <b>9.8</b>  | 4.0                 | 4.2        | <b>16.3</b> | 5.9                 | 5.0        | <b>23.4</b> | 6.5             | 3.8          | 4.0                 | 300                 | 485                 |
|               |               |                    |                               |                       | -     | -             | -                   | 2.6   | <b>7.6</b>  | 4.3                 | 4.6        | <b>12.5</b> | 6.6                 | 5.4        | <b>19.4</b> | 7.2             | 5.2          | 4.0                 | 260                 | 395                 |
|               |               |                    |                               |                       | -     | -             | -                   | 2.8   | <b>5.9</b>  | 4.7                 | 5.0        | <b>9.3</b>  | 7.3                 | 5.8        | <b>15.9</b> | 7.9             | -            | -                   | -                   | -                   |
|               |               |                    |                               |                       | -     | -             | -                   | 3.0   | <b>4.4</b>  | 5.0                 | 5.4        | <b>6.5</b>  | 8.0                 | 6.0        | <b>14.2</b> | 8.3             | -            | -                   | -                   | -                   |

Objednání Typ + Materiál č. = Objednací č.  
příklad: 136.462.xx.A2 + 1Y = 136.462.1Y.A2

# ➤ Pneumatické rozprašovací trysky, plochý paprsek, nasávací princip, vnitřní směšování Série 136.5

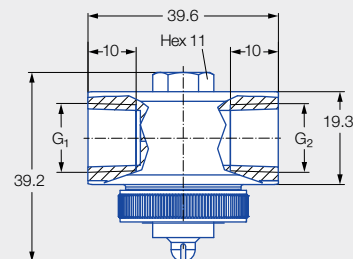


### Vlastnosti:

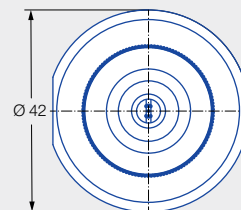
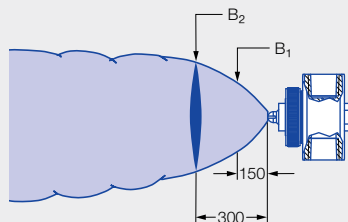
- Zvláště jemné rozprašování ve formě plochého paprsku
- Nasávací princip
- Vnitřní směšování

### Použití:

- Zvlhčování zboží
- Chlazení
- Zvlhčování pásů



Série 136.5



|                                     |                                   |   |   |
|-------------------------------------|-----------------------------------|---|---|
| Kapalina<br>PřipojeníG <sub>1</sub> | Vzduch<br>PřipojeníG <sub>2</sub> | Šroubovací<br>záslepka<br>(velikost 11) | Váha [g]<br>(Stainless<br>steel 303 SS) |
| 1/4 BSPP                            | 1/4 BSPP                          | 5/16-24 UNF-2A                          | 220                                     |

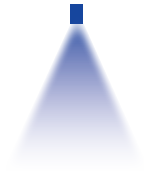
| Úhel | Objednací č.  |         | Nejužší<br>průřez<br>tryskou<br>Ø<br>[mm] | Vzduch  |                                    | V voda [l/h]          |      |      |                    |      |      | Rozměry paprsku |                    |                     |                     |     |     |     |
|------|---------------|---------|---|---------|------------------------------------|-----------------------|------|------|--------------------|------|------|-----------------|--------------------|---------------------|---------------------|-----|-----|-----|
|      | Typ           | Mat. č. |   | p [bar] | V <sub>n</sub> [m <sup>3</sup> /h] | Vodní sloupec [mm WS] |      |      | Sací výška [mm WS] |      |      | p Vzduch [bar]  | Sací výška [mm WS] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |     |     |     |
|      |               | 1Y      |   |         |                                    | 16                    | 150  | 300  | 450                | 100  | 200  |                 |                    |                     |                     | 300 | 600 | 900 |
| 60°  | 136.516.xx.A2 | ●       | ●   | 0.40    | 0.80                               | 1.80                  | -    | -    | -                  | 1.62 | 1.53 | -               | 1.17               | 0.88                | 1.00                | 300 | 130 | 165 |
|      |               |         |   |         | 1.20                               | 2.20                  | 1.89 | 2.13 | 2.19               | 1.80 | 1.77 | 1.68            | 1.41               | 1.16                | 3.00                | 300 | 150 | 200 |
|      |               |         |   |         | 1.40                               | 2.50                  | 1.95 | 2.16 | 2.25               | 1.86 | 1.80 | 1.68            | 1.47               | 1.21                | 4.60                | 300 | 170 | 225 |
|      |               |         |   |         | 1.80                               | 2.90                  | 1.98 | 2.22 | 2.34               | 1.89 | 1.86 | 1.77            | 1.53               | 1.26                | 6.00                | 300 | 180 | 240 |
|      |               |         |   |         | 2.00                               | 3.10                  | 1.95 | 2.19 | 2.31               | 1.89 | 1.80 | 1.68            | 1.50               | 1.26                | -                   | -   | -   | -   |
|      |               |         |   |         | 2.40                               | 3.50                  | 1.89 | 2.25 | 2.25               | 1.83 | 1.71 | 1.68            | 1.47               | 1.22                | -                   | -   | -   | -   |
|      |               |         |   |         | 2.60                               | 3.70                  | 1.83 | 2.25 | 2.25               | 1.74 | 1.71 | 1.59            | 1.44               | 1.18                | -                   | -   | -   | -   |
|      |               |         |   |         | 3.00                               | 4.20                  | 1.74 | 2.01 | 2.22               | 1.71 | 1.62 | 1.56            | 1.44               | 1.28                | -                   | -   | -   | -   |
|      |               |         |   |         | 3.20                               | 4.40                  | 1.71 | 1.92 | 2.16               | 1.65 | 1.62 | 1.59            | 1.59               | 1.38                | -                   | -   | -   | -   |
|      |               |         |   |         | 3.60                               | 4.80                  | 1.74 | 1.83 | 2.10               | 1.80 | 1.77 | 1.74            | 1.68               | 1.47                | -                   | -   | -   | -   |
|      |               |         |   |         | 3.80                               | 5.00                  | 1.92 | 1.80 | 2.10               | 1.86 | 1.86 | 1.80            | 1.71               | 1.49                | -                   | -   | -   | -   |
|      |               |         |   |         | 4.20                               | 5.50                  | 1.98 | 2.04 | 2.19               | 1.92 | 1.83 | 1.83            | 1.68               | 1.70                | -                   | -   | -   | -   |
|      |               |         |   |         | 4.40                               | 5.70                  | 1.95 | 2.04 | 2.19               | 1.89 | 1.86 | 1.80            | 1.74               | 1.77                | -                   | -   | -   | -   |
|      |               |         |   |         | 4.80                               | 6.10                  | 2.01 | 2.04 | 2.16               | 2.01 | 2.01 | 2.04            | 2.04               | 1.98                | -                   | -   | -   | -   |
|      |               |         |   |         | 5.00                               | 6.30                  | 2.10 | 2.13 | 2.22               | 2.19 | 2.19 | 2.16            | 2.10               | 1.93                | -                   | -   | -   | -   |
|      |               |         |   |         | 5.40                               | 6.80                  | 2.31 | 2.34 | 2.28               | 2.25 | 2.22 | 2.16            | 2.04               | 1.86                | -                   | -   | -   | -   |
|      |               |         |   |         | 5.60                               | 7.00                  | 2.31 | 2.28 | 2.25               | 2.19 | 2.16 | 2.10            | 2.01               | 1.80                | -                   | -   | -   | -   |
| 6.00 | 7.40          | 2.22    | 2.22                                      | 2.22    | 2.10                               | 2.10                  | 2.04 | 1.92 | 1.79               | -    | -    | -               | -                  |                     |                     |     |     |     |

| Úhel | Objednáací č. |                    | Nejužší průřez tryskou Ø [mm] | Vzduch            |         | V voda [l/h]          |      |      |                    |      |      | Rozměry paprsku |      |      |                |                    |                     |                     |
|------|---------------|--------------------|-------------------------------|-------------------|---------|-----------------------|------|------|--------------------|------|------|-----------------|------|------|----------------|--------------------|---------------------|---------------------|
|      | Mat. č.       |                    |                               |                   |         | Vodní sloupec [mm WS] |      |      | Sací výška [mm WS] |      |      |                 |      |      |                |                    |                     |                     |
|      | Typ           | 1Y                 |                               | 16                | p [bar] | V <sub>n</sub> [m³/h] | 150  | 300  | 450                | 100  | 200  | 300             | 600  | 900  | p Vzduch [bar] | Sací výška [mm WS] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |
|      |               | Nerezová ocel 316L |                               | Nerezová ocel 303 |         |                       |      |      |                    |      |      |                 |      |      |                |                    |                     |                     |
| 60°  | 136.525.xx.A2 | ●                  | ●                             | 0.50              | 0.60    | 1.60                  | -    | -    | -                  | 2.00 | -    | -               | -    | -    | 1.00           | 300                | 155                 | 240                 |
|      |               |                    |                               |                   | 0.80    | 1.90                  | -    | -    | -                  | 2.21 | 2.10 | 1.98            | -    | -    | 3.00           | 300                | 200                 | 295                 |
|      |               |                    |                               |                   | 1.20    | 2.30                  | 2.75 | 2.84 | -                  | 2.53 | 2.39 | 2.33            | 2.04 | 1.69 | 4.60           | 300                | 215                 | 325                 |
|      |               |                    |                               |                   | 1.40    | 2.60                  | 2.84 | 2.90 | 3.05               | 2.63 | 2.51 | 2.42            | 2.14 | 1.82 | 6.00           | 300                | 250                 | 400                 |
|      |               |                    |                               |                   | 1.80    | 3.00                  | 2.96 | 3.01 | 3.16               | 2.78 | 2.64 | 2.56            | 2.20 | 1.88 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 2.00    | 3.30                  | 2.94 | 3.02 | 3.16               | 2.73 | 2.69 | 2.58            | 2.18 | 1.82 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 2.40    | 3.70                  | 2.87 | 2.97 | 3.10               | 2.59 | 2.50 | 2.38            | 2.01 | 1.68 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 2.60    | 3.90                  | 2.82 | 2.86 | 3.04               | 2.49 | 2.46 | 2.29            | 1.91 | 1.62 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 3.00    | 4.40                  | 2.59 | 2.71 | 2.85               | 2.23 | 2.11 | 2.04            | 1.73 | 1.72 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 3.20    | 4.60                  | 2.48 | 2.51 | 2.71               | 2.09 | 1.96 | 1.91            | 1.74 | 1.87 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 3.60    | 5.10                  | 2.37 | 2.31 | 2.51               | 2.25 | 2.18 | 2.19            | 1.98 | 1.90 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 3.80    | 5.30                  | 2.34 | 2.37 | 2.52               | 2.22 | 2.23 | 2.15            | 1.99 | 1.85 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 4.20    | 5.70                  | 2.35 | 2.35 | 2.43               | 2.20 | 2.13 | 2.11            | 1.94 | 1.82 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 4.40    | 6.00                  | 2.30 | 2.32 | 2.44               | 2.20 | 2.07 | 2.05            | 1.96 | 1.83 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 4.80    | 6.40                  | 2.25 | 2.24 | 2.41               | 2.12 | 2.03 | 2.08            | 1.90 | 2.12 | -              | -                  | -                   | -                   |
|      |               |                    |                               |                   | 5.00    | 6.60                  | 2.20 | 2.21 | 2.37               | 2.09 | 2.03 | 1.98            | 2.25 | 2.27 | -              | -                  | -                   | -                   |
| 5.40 | 7.10          | 2.52               | 2.23                          | 2.36              | 2.60    | 2.55                  | 2.49 | 2.26 | 2.08               | -    | -    | -               | -    |      |                |                    |                     |                     |
| 5.60 | 7.30          | 2.50               | 2.45                          | 2.58              | 2.57    | 2.54                  | 2.39 | 2.16 | 2.02               | -    | -    | -               | -    |      |                |                    |                     |                     |
| 6.00 | 7.80          | 2.57               | 2.61                          | 2.76              | 2.37    | 2.40                  | 2.18 | 1.94 | 1.80               | -    | -    | -               | -    |      |                |                    |                     |                     |

Objednání Typ + Materiál č. = Objednáací č.  
příklad: 136.525.xx.A2 + 1Y = 136.525.1Y.A2



# ➤ Pneumatické rozprašovací trysky, plochý paprsek, tlakový princip, vnější směšování Série 136.6

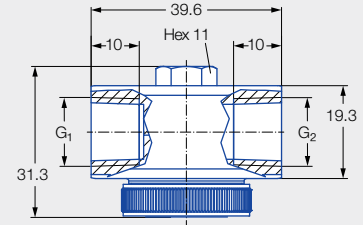


### Vlastnosti:

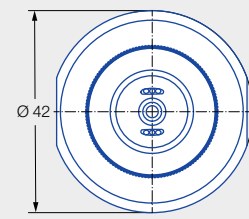
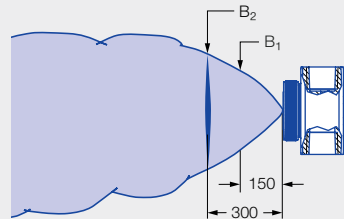
- Jemné rozprašování ve formě plochého paprsku
- Přívod kapaliny pod tlakem
- Vnější směšování

### Použití:

- Zvlhčování zboží
- Chlazení
- Zvlhčování pásů
- Rozprašování viskózních kapalin



Série 136.6



|                                      |                                    |   |                                    |
|--------------------------------------|------------------------------------|---|------------------------------------|
| Kapalina<br>Připojení G <sub>1</sub> | Vzduch<br>Připojení G <sub>2</sub> | Šroubovací<br>záslepka<br>(velikost 11) | Váha [g]<br>(Nerezová ocel<br>303) |
| 1/4 BSPP                             | 1/4 BSPP                           | 5/16-24 UNF-2A                          | 220                                |

| Úhel | Objednací č.  |         | Nejužší<br>průřez<br>tryskou<br>Ø<br>[mm] | Tlak kapaliny p [bar] |      |             |                |      |             |                |      |             |                |      |             | Rozměry paprsku |      |      |     |     |   |                     |                     |  |
|------|---------------|---------|---|-----------------------|------|-------------|----------------|------|-------------|----------------|------|-------------|----------------|------|-------------|-----------------|------|------|-----|-----|---|---------------------|---------------------|--|
|      | Typ           | Mat. č. |   | 0.07                  |      |             |                | 0.15 |             |                |      | 0.30        |                |      |             | 0.35            |      |      |     | p   | p | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |  |
|      |               | 1Y      |   | 16                    | p    | V           | V <sub>n</sub> | p    | V           | V <sub>n</sub> | p    | V           | V <sub>n</sub> | p    | V           | V <sub>n</sub>  |      |      |     |     |   |                     |                     |  |
| 45°  | 136.616.xx.A2 | ●       | ●   | 0.40                  | 0.80 | <b>1.68</b> | 2.50           | 0.80 | <b>2.43</b> | 2.40           | 0.80 | <b>3.42</b> | 2.50           | 1.00 | <b>3.69</b> | 2.80            | 1.40 | 0.07 | 80  | 115 |   |                     |                     |  |
|      |               |         |   |                       | 1.20 | <b>1.80</b> | 3.10           | 1.00 | <b>2.46</b> | 2.90           | 1.20 | <b>3.48</b> | 3.10           | 1.40 | <b>3.81</b> | 3.40            | 2.20 | 0.15 | 90  | 130 |   |                     |                     |  |
|      |               |         |   |                       | 1.60 | <b>1.92</b> | 3.70           | 1.40 | <b>2.58</b> | 3.60           | 1.60 | <b>3.51</b> | 3.70           | 1.80 | <b>3.87</b> | 4.00            | 3.20 | 0.20 | 90  | 135 |   |                     |                     |  |
|      |               |         |   |                       | 2.00 | <b>2.10</b> | 4.30           | 1.80 | <b>2.61</b> | 4.20           | 2.00 | <b>3.63</b> | 4.30           | 2.20 | <b>3.84</b> | 4.60            | 4.00 | 0.30 | 95  | 145 |   |                     |                     |  |
|      |               |         |   |                       | 2.40 | <b>2.07</b> | 4.90           | 2.20 | <b>2.76</b> | 4.80           | 2.40 | <b>3.63</b> | 4.90           | 2.60 | <b>3.90</b> | 5.20            | 5.00 | 0.35 | 100 | 145 |   |                     |                     |  |
|      |               |         |   |                       | 2.80 | <b>2.19</b> | 5.50           | 2.60 | <b>2.73</b> | 5.40           | 2.80 | <b>3.63</b> | 5.50           | 3.00 | <b>3.93</b> | 5.80            | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 3.20 | <b>2.19</b> | 6.10           | 3.00 | <b>2.73</b> | 6.00           | 3.20 | <b>3.63</b> | 6.10           | 3.40 | <b>3.90</b> | 6.40            | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 3.60 | <b>2.22</b> | 6.70           | 3.60 | <b>2.76</b> | 6.70           | 3.60 | <b>3.66</b> | 6.70           | 3.80 | <b>3.93</b> | 7.00            | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 4.00 | <b>2.22</b> | 7.30           | 4.00 | <b>2.76</b> | 7.30           | 4.00 | <b>3.69</b> | 7.30           | 4.20 | <b>3.96</b> | 7.60            | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 4.40 | <b>2.22</b> | 7.90           | 4.40 | <b>2.76</b> | 7.90           | 4.40 | <b>3.69</b> | 7.90           | 4.60 | <b>3.93</b> | 8.20            | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 4.80 | <b>2.22</b> | 8.50           | 4.80 | <b>2.76</b> | 8.50           | 4.80 | <b>3.69</b> | 8.40           | 5.00 | <b>3.93</b> | 8.80            | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 5.20 | <b>2.22</b> | 9.10           | 5.20 | <b>2.76</b> | 9.10           | 5.20 | <b>3.66</b> | 9.10           | 5.40 | <b>3.93</b> | 9.40            | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 5.60 | <b>2.22</b> | 9.60           | 5.60 | <b>2.76</b> | 9.70           | 5.60 | <b>3.66</b> | 9.60           | 5.80 | <b>3.87</b> | 10.00           | -    | -    | -   | -   | - |                     |                     |  |
|      |               |         |   |                       | 6.00 | <b>2.22</b> | 10.20          | 6.00 | <b>2.73</b> | 10.20          | 6.00 | <b>3.66</b> | 10.20          | 6.00 | <b>3.87</b> | 10.20           | -    | -    | -   | -   | - |                     |                     |  |





| Úhel | Objednáací č. |                    | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |              |              |   |              |              |   |              |              |   |              |               | Rozměry paprsku |              |                     |                     |   |
|------|---------------|--------------------|-------------------------------|-----------------------|--------------|--------------|---|--------------|--------------|---|--------------|--------------|---|--------------|---------------|-----------------|--------------|---------------------|---------------------|---|
|      | Typ           | Mat. č.            |                               | 0.07                  |              |              | 0.15                                      |              |              | 0.30                                      |              |              | 0.35                                      |              |               | p               | p voda [bar] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |   |
|      |               | 1Y                 |                               | 16                    | p            | V            | V <sub>n</sub>                            | p            | V            | V <sub>n</sub>                            | p            | V            | V <sub>n</sub>                            | p            | V             |                 |              |                     |                     | V <sub>n</sub>                            |
|      |               | Nerezová ocel 316L |                               | Nerezová ocel 303     | Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | Vzduch [bar] | V voda [l/h]  |                 |              |                     |                     | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] |
| 60°  | 136.682.xx.A2 | ●                  | ●                             | 1.50                  | 1.00         | <b>22.41</b> | 7.50                                      | 1.40         | <b>28.95</b> | 9.30                                      | 1.80         | <b>41.22</b> | 11.10                                     | 2.00         | <b>44.04</b>  | 11.80           | 1.60         | 0.07                | 110                 | 155                                       |
|      |               |                    |                               |                       | 1.40         | <b>20.19</b> | 9.30                                      | 1.80         | <b>26.07</b> | 10.90                                     | 2.20         | <b>34.92</b> | 12.60                                     | 2.40         | <b>39.09</b>  | 13.40           | 2.40         | 0.15                | 120                 | 155                                       |
|      |               |                    |                               |                       | 1.80         | <b>18.75</b> | 11.00                                     | 2.20         | <b>23.94</b> | 12.50                                     | 2.60         | <b>33.18</b> | 14.20                                     | 2.80         | <b>35.16</b>  | 15.10           | 3.20         | 0.20                | 120                 | 160                                       |
|      |               |                    |                               |                       | 2.20         | <b>17.88</b> | 12.50                                     | 2.60         | <b>22.23</b> | 14.30                                     | 3.00         | <b>30.45</b> | 15.90                                     | 3.20         | <b>32.22</b>  | 16.70           | 4.00         | 0.30                | 120                 | 165                                       |
|      |               |                    |                               |                       | 2.60         | <b>17.10</b> | 14.20                                     | 3.00         | <b>21.12</b> | 15.90                                     | 3.40         | <b>28.29</b> | 17.50                                     | 3.60         | <b>30.18</b>  | 18.30           | 5.20         | 0.35                | 120                 | 175                                       |
|      |               |                    |                               |                       | 3.00         | <b>16.47</b> | 15.90                                     | 3.40         | <b>20.10</b> | 17.50                                     | 3.80         | <b>26.64</b> | 19.10                                     | 4.00         | <b>28.32</b>  | 19.90           | -            | -                   | -                   | -   |
|      |               |                    |                               |                       | 3.40         | <b>16.08</b> | 17.50                                     | 3.80         | <b>19.44</b> | 19.10                                     | 4.20         | <b>25.35</b> | 20.70                                     | 4.40         | <b>26.94</b>  | 21.50           | -            | -                   | -                   | -   |
|      |               |                    |                               |                       | 3.80         | <b>15.90</b> | 19.10                                     | 4.20         | <b>18.99</b> | 20.70                                     | 4.60         | <b>24.24</b> | 22.30                                     | 4.80         | <b>25.59</b>  | 23.10           | -            | -                   | -                   | -   |
|      |               |                    |                               |                       | 4.20         | <b>15.90</b> | 20.70                                     | 4.60         | <b>18.45</b> | 22.30                                     | 5.00         | <b>23.13</b> | 24.00                                     | 5.20         | <b>24.36</b>  | 24.80           | -            | -                   | -                   | -   |
|      |               |                    |                               |                       | 4.60         | <b>15.81</b> | 22.30                                     | 5.00         | <b>18.18</b> | 24.00                                     | 5.40         | <b>22.14</b> | 25.50                                     | 5.60         | <b>23.28</b>  | 26.40           | -            | -                   | -                   | -   |
|      | 5.00          | <b>15.21</b>       | 23.90                         | 5.40                  | <b>17.25</b> | 25.40        | 5.80                                      | <b>21.12</b> | 27.20        | 6.00                                      | <b>22.17</b> | 28.00        | -   | -            | -             | -               |              |                     |                     |   |
|      | 5.40          | <b>13.92</b>       | 25.50                         | 5.80                  | <b>15.72</b> | 27.20        | 6.00                                      | <b>20.67</b> | 28.00        | -   | -            | -            | -   | -            | -             | -               |              |                     |                     |   |
|      | 5.80          | <b>12.09</b>       | 27.20                         | 6.00                  | <b>14.91</b> | 28.00        | -   | -            | -            | -   | -            | -            | -   | -            | -             | -               |              |                     |                     |   |
|      | 6.00          | <b>11.07</b>       | 28.00                         | -                     | -            | -            | -   | -            | -            | -   | -            | -            | -   | -            | -             | -               |              |                     |                     |   |
|      | 136.691.xx.A2 | ●                  | ●                             | 2.50                  | 1.40         | <b>52.00</b> | 13.80                                     | 2.00         | <b>67.30</b> | 17.50                                     | 2.60         | <b>92.30</b> | 21.20                                     | 2.60         | <b>102.10</b> | 21.20           | 1.60         | 0.07                | 150                 | 200                                       |
|      |               |                    |                               |                       | 1.80         | <b>50.00</b> | 16.30                                     | 2.40         | <b>64.60</b> | 20.10                                     | 3.00         | <b>87.70</b> | 23.60                                     | 3.00         | <b>97.20</b>  | 23.70           | 2.40         | 0.15                | 160                 | 205                                       |
|      |               |                    |                               |                       | 2.20         | <b>48.60</b> | 18.80                                     | 2.80         | <b>62.00</b> | 22.50                                     | 3.40         | <b>84.30</b> | 26.00                                     | 3.40         | <b>92.50</b>  | 26.10           | 3.20         | 0.20                | 160                 | 205                                       |
|      |               |                    |                               |                       | 2.60         | <b>47.50</b> | 21.30                                     | 3.20         | <b>60.40</b> | 24.90                                     | 3.80         | <b>80.70</b> | 28.50                                     | 3.80         | <b>88.40</b>  | 28.50           | 4.00         | 0.30                | 160                 | 210                                       |
|      |               |                    |                               |                       | 3.00         | <b>46.50</b> | 23.70                                     | 3.60         | <b>58.00</b> | 27.30                                     | 4.20         | <b>77.00</b> | 30.90                                     | 4.20         | <b>85.20</b>  | 31.00           | 5.20         | 0.35                | 150                 | 210                                       |
|      |               |                    |                               |                       | 3.40         | <b>45.40</b> | 26.10                                     | 4.00         | <b>56.20</b> | 29.80                                     | 4.60         | <b>74.40</b> | 33.40                                     | 4.60         | <b>81.30</b>  | 33.40           | -            | -                   | -                   | -   |
| 3.80 |               |                    |                               |                       | <b>44.40</b> | 28.60        | 4.40                                      | <b>54.20</b> | 32.10        | 5.00                                      | <b>71.10</b> | 35.90        | 5.00                                      | <b>78.20</b> | 35.80         | -               | -            | -                   | -                   |   |
| 4.20 |               |                    |                               |                       | <b>42.90</b> | 31.00        | 4.80                                      | <b>52.40</b> | 34.70        | 5.40                                      | <b>68.10</b> | 38.30        | 5.40                                      | <b>74.30</b> | 38.20         | -               | -            | -                   | -                   |   |
| 4.60 |               |                    |                               |                       | <b>41.50</b> | 33.40        | 5.20                                      | <b>49.90</b> | 37.10        | 5.80                                      | <b>64.30</b> | 40.80        | 5.80                                      | <b>71.10</b> | 40.70         | -               | -            | -                   | -                   |   |
| 5.00 |               |                    |                               |                       | <b>39.90</b> | 35.80        | 5.60                                      | <b>48.10</b> | 39.50        | 6.00                                      | <b>63.20</b> | 42.00        | 6.00                                      | <b>68.90</b> | 41.90         | -               | -            | -                   | -                   |   |
| 5.40 | <b>38.90</b>  | 38.30              | 6.00                          | <b>46.40</b>          | 42.00        | -            | -   | -            | -            | -   | -            | -            | -   | -            | -             |                 |              |                     |                     |   |
| 5.60 | <b>38.50</b>  | 39.40              | -                             | -                     | -            | -            | -   | -            | -            | -   | -            | -            | -   | -            | -             |                 |              |                     |                     |   |

Objednání Typ + Materiál č. = Objednáací č.  
příklad: 136.682.xx.A2 + 1Y = 136.682.1Y.A2

# ➤ Pneumatické rozprašovací trysky, plný kužel, tlakový princip, vnitřní směšování

## Série 166.1

### Vlastnosti:

- Verze s elektromagnetickým ventilem
- Jemné rozprašování ve formě plného kužele
- Přívod kapaliny pod tlakem
- Vnitřní směšování

### Použití:

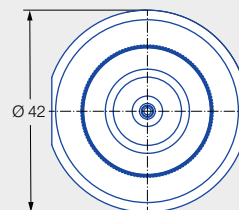
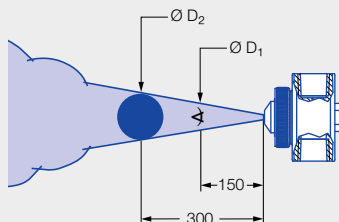
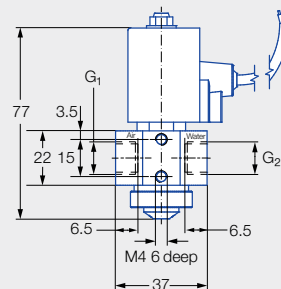
- Zvlhčování vzduchu
- Chlazení

### Technická data:

- Provozní tlak: 0–6 bar
- Napětí: 24 V DC
- Výkon: 8 W
- Spínací frekvence: cca. 500/min
- Ochranný systém: IP 67
- Teplota okolního prostředí: +10 °C/+50 °C
- Délka kabelu: 1,000 mm
- Materiál těsnění: EPDM



Série 166.1



| Vzduch<br>Připojení G <sub>1</sub> | Voda<br>Připojení G <sub>2</sub> | Váha<br>[g] |
|------------------------------------|----------------------------------|-------------|
| 1/4 BSPP                           | 1/4 BSPP                         | 410         |

| Úhel | Objednací č.  |            | Nejúžší<br>průřez<br>tryskou<br>Ø<br>[mm] | Tlak kapaliny p [bar] |              |   |                |              |   |                |              |   |                |              |   | Rozměry paprsku |             |                          |                          |     |    |    |
|------|---------------|------------|---|-----------------------|--------------|---|----------------|--------------|---|----------------|--------------|---|----------------|--------------|---|-----------------|-------------|--------------------------|--------------------------|-----|----|----|
|      | Typ           | Mat. č.    |   | 0.7                   |              |   | 1.5            |              |   | 3.0            |              |   | 4.0            |              |   | p<br>[bar]      | p<br>[bar]  | Ø D <sub>1</sub><br>[mm] | Ø D <sub>2</sub><br>[mm] |     |    |    |
|      |               | 16         |   | p Vzduch [bar]        | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] |                 |             |                          |                          |     |    |    |
| 20°  | 166.115.xx.A2 | ●          | 0.5                                       | 0.4                   | <b>5.9</b>   | 0.3                                       | 1.4            | <b>5.8</b>   | 0.8                                       | 2.4            | <b>9.1</b>   | 1.1                                       | 3.0            | <b>11.0</b>  | 1.2                                       | 0.8             | 0.7         | 60                       | 100                      |     |    |    |
|      |               |            |   | 0.8                   | <b>3.8</b>   | 0.6                                       | 1.8            | <b>4.1</b>   | 1.0                                       | 2.8            | <b>7.5</b>   | 1.2                                       | 3.4            | <b>9.6</b>   | 1.4                                       | 1.8             | 1.5         | 60                       | 95                       |     |    |    |
|      |               |            |   | 1.2                   | <b>1.7</b>   | 0.9                                       | 2.2            | <b>2.2</b>   | 1.4                                       | 3.2            | <b>5.9</b>   | 1.5                                       | 3.8            | <b>8.2</b>   | 1.6                                       | 2.6             | 2.0         | 60                       | 100                      |     |    |    |
|      |               |            |   | -                     | -            | -   | 2.6            | <b>1.2</b>   | 1.7                                       | 3.6            | <b>4.4</b>   | 1.8                                       | 4.2            | <b>6.8</b>   | 1.9                                       | 3.2             | 3.0         | 55                       | 95                       |     |    |    |
|      |               |            |   | -                     | -            | -   | -              | -            | -   | 4.0            | <b>2.9</b>   | 2.1                                       | 4.6            | <b>5.5</b>   | 2.2                                       | 4.4             | 4.0         | 55                       | 100                      |     |    |    |
|      |               |            |   | -                     | -            | -   | -              | -            | -   | 4.4            | <b>2.0</b>   | 2.5                                       | 5.0            | <b>4.1</b>   | 2.5                                       | -               | -           | -                        | -                        | -   |    |    |
|      |               |            |   | -                     | -            | -   | -              | -            | -   | 4.8            | <b>1.1</b>   | 2.8                                       | 5.4            | <b>2.9</b>   | 2.8                                       | -               | -           | -                        | -                        | -   |    |    |
|      |               |            |   | -                     | -            | -   | -              | -            | -   | 5.2            | <b>0.4</b>   | 3.0                                       | 5.8            | <b>2.1</b>   | 3.1                                       | -               | -           | -                        | -                        | -   |    |    |
|      |               |            |   | 166.125.xx.A2         | ●            | 0.5                                       | 0.8            | <b>4.7</b>   | 1.5                                       | 1.2            | <b>7.0</b>   | 1.8                                       | 2.8            | <b>9.1</b>   | 3.3                                       | 3.4             | <b>10.6</b> | 3.9                      | 1.4                      | 0.7 | 55 | 90 |
|      |               |            |   |                       |              |   | 1.2            | <b>4.4</b>   | 1.9                                       | 1.6            | <b>6.6</b>   | 2.2                                       | 3.2            | <b>8.7</b>   | 3.7                                       | 3.8             | <b>10.3</b> | 4.3                      | 2.2                      | 1.5 | 55 | 95 |
|      | 1.6           | <b>4.0</b> | 2.3                                       |                       |              |   | 2.0            | <b>6.2</b>   | 2.6                                       | 3.6            | <b>8.4</b>   | 4.1                                       | 4.2            | <b>9.9</b>   | 4.6                                       | 2.8             | 2.0         | 55                       | 100                      |     |    |    |
|      | 2.0           | <b>3.5</b> | 2.6                                       |                       |              |   | 2.4            | <b>5.8</b>   | 3.0                                       | 4.0            | <b>8.0</b>   | 4.5                                       | 4.6            | <b>9.6</b>   | 5.0                                       | 3.4             | 3.0         | 60                       | 100                      |     |    |    |
|      | 2.4           | <b>3.0</b> | 3.0                                       |                       |              |   | 2.8            | <b>5.4</b>   | 3.4                                       | 4.4            | <b>7.7</b>   | 4.8                                       | 5.0            | <b>9.3</b>   | 5.4                                       | 4.2             | 4.0         | 60                       | 100                      |     |    |    |
|      | 2.8           | <b>2.7</b> | 3.2                                       |                       |              |   | 3.2            | <b>4.9</b>   | 3.7                                       | 4.8            | <b>7.3</b>   | 5.2                                       | 5.4            | <b>8.9</b>   | 5.8                                       | -               | -           | -                        | -                        | -   |    |    |
|      | 3.2           | <b>2.0</b> | 3.7                                       |                       |              |   | 3.6            | <b>4.4</b>   | 4.1                                       | 5.2            | <b>7.0</b>   | 5.6                                       | 5.8            | <b>8.6</b>   | 6.1                                       | -               | -           | -                        | -                        | -   |    |    |
|      | 3.6           | <b>1.6</b> | 4.1                                       |                       |              |   | 4.0            | <b>3.9</b>   | 4.5                                       | 5.6            | <b>6.6</b>   | 5.9                                       | -              | -            | -   | -               | -           | -                        | -                        | -   |    |    |
|      | 4.0           | <b>1.3</b> | 4.5                                       |                       |              |   | 4.4            | <b>3.5</b>   | 4.8                                       | 6.0            | <b>6.2</b>   | 6.3                                       | -              | -            | -   | -               | -           | -                        | -                        | -   |    |    |
|      | 4.4           | <b>1.0</b> | 4.9                                       |                       |              |   | 4.8            | <b>3.1</b>   | 5.2                                       | -              | -            | -   | -              | -            | -   | -               | -           | -                        | -                        | -   |    |    |
|      | 4.8           | <b>0.6</b> | 5.2                                       | 5.2                   | <b>2.7</b>   | 5.6                                       | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -           |                          |                          |     |    |    |
|      | -             | -          | -   | 5.6                   | <b>2.3</b>   | 5.9                                       | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -           |                          |                          |     |    |    |
| -    | -             | -          | 6.0                                       | <b>1.9</b>            | 6.3          | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               |             |                          |                          |     |    |    |

| Úhel | Objednáací č. |            | Nejúžší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |              |   |                |              |   |                |              |   |                |              |   | Rozměry paprsku |              |                       |                       |   |   |
|------|---------------|------------|-------------------------------|-----------------------|--------------|---|----------------|--------------|---|----------------|--------------|---|----------------|--------------|---|-----------------|--------------|-----------------------|-----------------------|---|---|
|      | Typ           | Mat. č.    |                               | 0.7                   |              |   | 1.5            |              |   | 3.0            |              |   | 4.0            |              |   | p Vzduch [bar]  | p voda [bar] | Ø D <sub>1</sub> [mm] | Ø D <sub>2</sub> [mm] |   |   |
|      |               | 16         |                               | p Vzduch [bar]        | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] |                 |              |                       |                       |   |   |
| 20°  | 166.134.xx.A2 | ●          | 0.7                           | 1.2                   | <b>13.2</b>  | 2.7                                       | 2.0            | <b>19.4</b>  | 3.9                                       | 3.0            | <b>28.3</b>  | 5.2                                       | 3.8            | <b>32.6</b>  | 6.2                                       | 1.8             | 0.7          | 55                    | 95                    |   |   |
|      |               |            |                               | 1.6                   | <b>12.4</b>  | 3.3                                       | 2.4            | <b>18.1</b>  | 4.4                                       | 3.4            | <b>27.5</b>  | 5.7                                       | 4.2            | <b>32.0</b>  | 6.8                                       | 2.8             | 1.5          | 60                    | 105                   |   |   |
|      |               |            |                               | 2.0                   | <b>11.8</b>  | 3.9                                       | 2.8            | <b>17.3</b>  | 4.9                                       | 3.8            | <b>26.7</b>  | 6.3                                       | 4.6            | <b>31.3</b>  | 7.3                                       | 3.8             | 2.0          | 60                    | 105                   |   |   |
|      |               |            |                               | 2.4                   | <b>11.4</b>  | 4.4                                       | 3.2            | <b>16.7</b>  | 5.5                                       | 4.2            | <b>25.9</b>  | 6.8                                       | 5.0            | <b>30.6</b>  | 7.8                                       | 5.2             | 3.0          | 65                    | 110                   |   |   |
|      |               |            |                               | 2.8                   | <b>11.1</b>  | 4.9                                       | 3.6            | <b>16.1</b>  | 6.0                                       | 4.6            | <b>25.0</b>  | 7.3                                       | 5.4            | <b>29.9</b>  | 8.4                                       | 6.0             | 4.0          | 65                    | 110                   |   |   |
|      |               |            |                               | 3.2                   | <b>10.8</b>  | 5.5                                       | 4.0            | <b>15.6</b>  | 6.5                                       | 5.0            | <b>24.2</b>  | 7.8                                       | 5.8            | <b>29.3</b>  | 8.9                                       | -               | -            | -                     | -                     | - |   |
|      |               |            |                               | 3.6                   | <b>10.6</b>  | 6.0                                       | 4.4            | <b>15.2</b>  | 7.0                                       | 5.4            | <b>23.6</b>  | 8.4                                       | -              | -            | -   | -               | -            | -                     | -                     | - | - |
|      |               |            |                               | 4.0                   | <b>10.4</b>  | 6.5                                       | 4.8            | <b>15.0</b>  | 7.6                                       | 5.8            | <b>23.1</b>  | 8.9                                       | -              | -            | -   | -               | -            | -                     | -                     | - | - |
|      |               |            |                               | 4.4                   | <b>10.1</b>  | 7.0                                       | 5.2            | <b>14.6</b>  | 8.1                                       | -              | -            | -   | -              | -            | -   | -               | -            | -                     | -                     | - | - |
|      |               |            |                               | 4.8                   | <b>9.9</b>   | 7.6                                       | 5.6            | <b>14.1</b>  | 8.6                                       | -              | -            | -   | -              | -            | -   | -               | -            | -                     | -                     | - | - |
|      | 5.2           | <b>9.5</b> | 8.1                           | 6.0                   | <b>13.8</b>  | 9.1                                       | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                     |                       |   |   |
|      | 5.6           | <b>9.0</b> | 8.6                           | -                     | -            | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                     |                       |   |   |
|      | 6.0           | <b>8.5</b> | 9.2                           | -                     | -            | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                     |                       |   |   |
|      | 166.142.xx.A2 | ●          | 2.5                           | 1.4                   | <b>24.2</b>  | 5.1                                       | 1.6            | <b>53.4</b>  | 4.7                                       | 3.2            | <b>70.8</b>  | 8.0                                       | 3.8            | <b>93.2</b>  | 9.2                                       | 0.8             | 0.7          | 60                    | 100                   |   |   |
|      |               |            |                               | 1.8                   | <b>20.4</b>  | 6.3                                       | 2.0            | <b>42.6</b>  | 5.9                                       | 3.6            | <b>62.5</b>  | 9.2                                       | 4.2            | <b>83.1</b>  | 10.1                                      | 1.6             | 1.5          | 65                    | 105                   |   |   |
|      |               |            |                               | 2.2                   | <b>20.0</b>  | 7.2                                       | 2.4            | <b>35.3</b>  | 7.2                                       | 4.0            | <b>55.7</b>  | 10.6                                      | 4.6            | <b>75.3</b>  | 11.3                                      | 3.0             | 2.0          | 60                    | 105                   |   |   |
|      |               |            |                               | 2.6                   | <b>19.3</b>  | 8.2                                       | 2.8            | <b>30.4</b>  | 8.4                                       | 4.4            | <b>49.3</b>  | 11.7                                      | 5.0            | <b>69.0</b>  | 12.5                                      | 4.0             | 3.0          | 65                    | 110                   |   |   |
|      |               |            |                               | 3.0                   | <b>17.6</b>  | 9.3                                       | 3.2            | <b>28.6</b>  | 9.5                                       | 4.8            | <b>44.6</b>  | 12.9                                      | 5.4            | <b>63.4</b>  | 13.7                                      | 6.0             | 4.0          | 65                    | 110                   |   |   |
|      |               |            |                               | 3.4                   | <b>16.5</b>  | 10.4                                      | 3.6            | <b>28.2</b>  | 10.5                                      | 5.2            | <b>41.9</b>  | 14.1                                      | 5.8            | <b>57.5</b>  | 14.9                                      | -               | -            | -                     | -                     | - |   |
|      |               |            |                               | 3.8                   | <b>17.0</b>  | 11.4                                      | 4.0            | <b>27.3</b>  | 11.5                                      | 5.6            | <b>40.4</b>  | 15.1                                      | -              | -            | -   | -               | -            | -                     | -                     | - |   |
| 4.2  |               |            |                               | <b>16.3</b>           | 12.4         | 4.4                                       | <b>25.9</b>    | 12.5         | 6.0                                       | <b>39.7</b>    | 16.1         | -   | -              | -            | -   | -               | -            | -                     | -                     | - |   |
| 4.6  |               |            |                               | <b>15.1</b>           | 13.3         | 4.8                                       | <b>24.3</b>    | 13.5         | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                     | -                     | - |   |
| 5.0  |               |            |                               | <b>14.0</b>           | 14.3         | 5.2                                       | <b>22.3</b>    | 14.6         | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                     | -                     | - |   |
| 5.4  | <b>13.1</b>   | 15.3       | 5.6                           | <b>21.8</b>           | 15.7         | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            |                       |                       |   |   |
| 5.8  | <b>12.4</b>   | 16.2       | 6.0                           | <b>21.4</b>           | 16.7         | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            |                       |                       |   |   |

Objednání Typ + Materiál č. = Objednáací č.  
příklad: 166.134.xx.A2 + 16 = 166.134.16.A2

# ➤ Pneumatické rozprašovací trysky, plný kužel, tlakový princip, vnitřní směšování Série 166.2

## Vlastnosti:

- Verze s elektromagnetickým ventilem
- Jemné rozprašování ve formě plného kužele
- Tlakový princip
- Vnitřní směšování
- Obzvláště široký úhel roztržku 60°

## Použití:

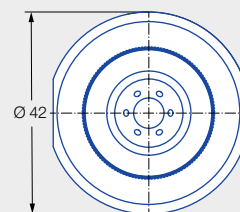
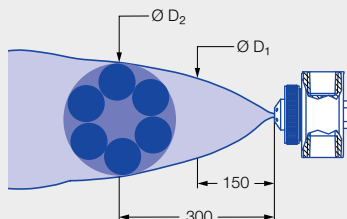
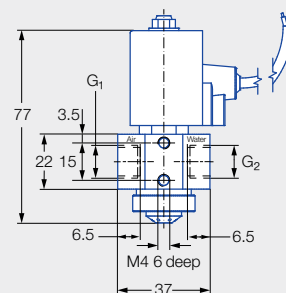
- Zvlhčování vzduchu
- Chlazení

## Technická data:

- Provozní tlak: 0–6 bar
- Napětí: 24 V DC
- Výkon: 8 W
- Spínací frekvence: cca. 500/min
- Ochranný systém: IP 67
- Teplota okolního prostředí: +10 °C /+50 °C
- Délka kabelu: 1,000 mm
- Materiál těsnění: EPDM



Série 166.2



| Vzduch<br>Připojení G <sub>1</sub> | Voda<br>Připojení G <sub>2</sub> | Váha<br>[g] |
|------------------------------------|----------------------------------|-------------|
| 1/4 BSPP                           | 1/4 BSPP                         | 410         |

| Úhel | Objednací č.  |         | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |              |   |                |              |   |                |              |   |                |              |   | Rozměry paprsku |              |                       |                       |
|------|---------------|---------|-------------------------------|-----------------------|--------------|---|----------------|--------------|---|----------------|--------------|---|----------------|--------------|---|-----------------|--------------|-----------------------|-----------------------|
|      | Typ           | Mat. č. |                               | 0.7                   |              |   | 1.5            |              |   | 3.0            |              |   | 4.0            |              |   | p [bar]         | p voda [bar] | Ø D <sub>1</sub> [mm] | Ø D <sub>2</sub> [mm] |
|      |               | 16      |                               | p Vzduch [bar]        | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>n</sub> Vzduch [m <sup>3</sup> /h] |                 |              |                       |                       |
| 60°  | 166.215.xx.A2 | ●       | 0.5                           | 1.0                   | <b>3.0</b>   | 1.3                                       | 1.6            | <b>5.8</b>   | 1.7                                       | 2.8            | <b>8.5</b>   | 2.4                                       | 3.8            | <b>9.4</b>   | 3.1                                       | 1.0             | 0.7          | 200                   | 330                   |
|      |               |         |                               | 1.2                   | <b>1.8</b>   | 1.5                                       | 1.8            | <b>4.9</b>   | 1.9                                       | 3.2            | <b>7.2</b>   | 2.8                                       | 4.2            | <b>8.2</b>   | 3.5                                       | 1.6             | 1.5          | 230                   | 380                   |
|      |               |         |                               | 1.4                   | <b>0.7</b>   | 1.8                                       | 2.0            | <b>3.8</b>   | 2.1                                       | 3.6            | <b>5.7</b>   | 3.2                                       | 4.6            | <b>6.9</b>   | 3.9                                       | 2.4             | 2.0          | 230                   | 385                   |
|      |               |         |                               | -                     | -            | -   | 2.2            | <b>2.8</b>   | 2.3                                       | 4.0            | <b>4.0</b>   | 3.6                                       | 5.0            | <b>5.4</b>   | 4.2                                       | 3.2             | 3.0          | 245                   | 390                   |
|      |               |         |                               | -                     | -            | -   | 2.4            | <b>1.7</b>   | 2.5                                       | 4.4            | <b>2.2</b>   | 4.1                                       | 5.4            | <b>3.8</b>   | 4.7                                       | 4.2             | 4.0          | 250                   | 410                   |
|      |               |         |                               | -                     | -            | -   | 2.6            | <b>0.8</b>   | 2.8                                       | 4.8            | <b>0.8</b>   | 4.5                                       | 5.8            | <b>2.3</b>   | 5.2                                       | -               | -            | -                     | -                     |
|      | 166.222.xx.A2 | ●       | 1.0                           | 0.8                   | <b>17.5</b>  | 2.8                                       | 1.6            | <b>25.9</b>  | 4.0                                       | 3.0            | <b>40.4</b>  | 5.8                                       | 3.8            | <b>54.9</b>  | 6.4                                       | 0.8             | 0.7          | 250                   | 450                   |
|      |               |         |                               | 1.0                   | <b>6.0</b>   | 4.3                                       | 1.8            | <b>14.7</b>  | 5.3                                       | 3.2            | <b>31.5</b>  | 6.9                                       | 4.0            | <b>45.6</b>  | 7.3                                       | 1.6             | 1.5          | 245                   | 465                   |
|      |               |         |                               | -                     | -            | -   | 2.0            | <b>6.7</b>   | 6.7                                       | 3.4            | <b>22.2</b>  | 8.2                                       | 4.2            | <b>37.6</b>  | 8.5                                       | 2.3             | 2.0          | 245                   | 465                   |
|      |               |         |                               | -                     | -            | -   | 2.2            | <b>1.9</b>   | 8.1                                       | 3.6            | <b>14.6</b>  | 9.5                                       | 4.4            | <b>29.6</b>  | 9.7                                       | 3.2             | 3.0          | 250                   | 465                   |
|      |               |         |                               | -                     | -            | -   | -              | -            | -   | 3.8            | <b>8.5</b>   | 11.0                                      | 4.6            | <b>21.6</b>  | 11.2                                      | 4.2             | 4.0          | 245                   | 465                   |
|      |               |         |                               | -                     | -            | -   | -              | -            | -   | 4.0            | <b>4.5</b>   | 12.3                                      | 4.8            | <b>15.3</b>  | 12.4                                      | -               | -            | -                     | -                     |
|      |               |         |                               | -                     | -            | -   | -              | -            | -   | -              | -            | 5.0                                       | <b>9.7</b>     | 13.8         | -   | -               | -            | -                     | -                     |
|      |               |         |                               | -                     | -            | -   | -              | -            | -   | -              | -            | 5.2                                       | <b>6.0</b>     | 15.2         | -   | -               | -            | -                     | -                     |
|      | 166.231.xx.A2 | ●       | 1.4                           | 1.6                   | <b>25.6</b>  | 5.1                                       | 2.6            | <b>44.2</b>  | 7.0                                       | 3.6            | <b>93.7</b>  | 7.9                                       | 4.2            | <b>132.9</b> | 7.3                                       | 2.0             | 0.7          | 235                   | 380                   |
|      |               |         |                               | 2.0                   | <b>17.8</b>  | 6.2                                       | 3.0            | <b>33.0</b>  | 8.2                                       | 4.0            | <b>78.3</b>  | 9.3                                       | 4.6            | <b>117.2</b> | 9.0                                       | 2.6             | 1.5          | 245                   | 415                   |
|      |               |         |                               | 2.4                   | <b>11.3</b>  | 7.2                                       | 3.4            | <b>24.7</b>  | 9.2                                       | 4.4            | <b>65.8</b>  | 10.6                                      | 5.0            | <b>101.1</b> | 10.4                                      | 2.4             | 2.0          | 255                   | 420                   |
|      |               |         |                               | 2.8                   | <b>6.9</b>   | 8.1                                       | 3.8            | <b>18.1</b>  | 10.2                                      | 4.8            | <b>54.9</b>  | 11.9                                      | 5.4            | <b>87.9</b>  | 11.8                                      | 3.6             | 3.0          | 255                   | 425                   |
|      |               |         |                               | -                     | -            | -   | 4.2            | <b>13.2</b>  | 11.2                                      | 5.2            | <b>45.6</b>  | 13.0                                      | 5.8            | <b>76.6</b>  | 13.2                                      | 4.2             | 4.0          | 265                   | 430                   |
|      |               |         |                               | -                     | -            | -   | 4.6            | <b>9.3</b>   | 12.0                                      | 5.6            | <b>38.0</b>  | 14.1                                      | 6.0            | <b>71.2</b>  | 13.8                                      | -               | -            | -                     | -                     |
|      |               |         |                               | -                     | -            | -   | -              | -            | -   | 6.0            | <b>36.1</b>  | 14.4                                      | -              | -            | -   | -               | -            | -                     | -                     |
|      |               |         |                               | -                     | -            | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                     | -                     |

Objednání Typ + Materiál č. = Objednací č.  
příklad: 166.215.xx.A2 + 16 = 166.215.16.A2

# ➤ Pneumatické rozprašovací trysky, plochý paprsek, tlakový princip, vnitřní směšování Série 166.4

## Vlastnosti:

- Verze s elektromagnetickým ventilem
- Jemné rozprašování ve formě plochého paprsku
- Přívod kapaliny pod tlakem
- Vnitřní směšování

## Použití:

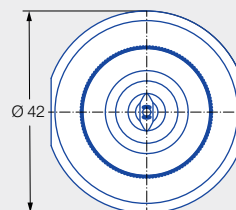
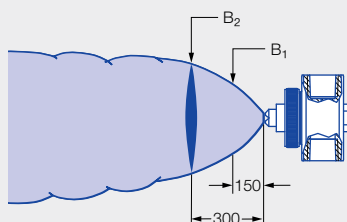
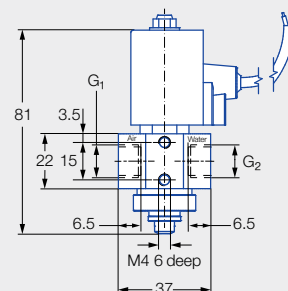
- Zvlčování pásů
- Chlazení
- Zvlhčování zboží

## Technická data:

- Provozní tlak: 0–6 bar
- Napětí: 24 V DC
- Výkon: 8 W
- Spínací frekvence: cca. 500/min
- Ochranný systém: IP 67
- Teplota okolního prostředí: +10 °C / +50 °C
- Délka kabelu: 1,000 mm
- Materiál těsnění: EPDM



Série 166.4



| Vzduch<br>Připojení G <sub>1</sub> | Voda<br>Připojení G <sub>2</sub> | Váha<br>[g] |
|------------------------------------|----------------------------------|-------------|
| 1/4 BSPP                           | 1/4 BSPP                         | 410         |

| Úhel | Objednací č.  |         | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |             |                                    |            |             |                                    |             |             |                                    |             |             |                                    | Rozměry paprsku |         |                     |                     |   |
|------|---------------|---------|-------------------------------|-----------------------|-------------|------------------------------------|------------|-------------|------------------------------------|-------------|-------------|------------------------------------|-------------|-------------|------------------------------------|-----------------|---------|---------------------|---------------------|---|
|      | Typ           | Mat. č. |                               | 0.7                   |             |                                    | 1.5        |             |                                    | 3.0         |             |                                    | 4.0         |             |                                    | p [bar]         | p [bar] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |   |
|      |               | 16      |                               | p [bar]               | V [l/h]     | V <sub>0</sub> [m <sup>3</sup> /h] | p [bar]    | V [l/h]     | V <sub>0</sub> [m <sup>3</sup> /h] | p [bar]     | V [l/h]     | V <sub>0</sub> [m <sup>3</sup> /h] | p [bar]     | V [l/h]     | V <sub>0</sub> [m <sup>3</sup> /h] |                 |         |                     |                     |   |
| 45°  | 166.414.xx.A2 | ●       | 0.7                           | 1.0                   | <b>7.7</b>  | 1.3                                | 1.4        | <b>14.3</b> | 1.5                                | 2.2         | <b>22.4</b> | 2.0                                | 3.0         | <b>25.1</b> | 2.5                                | 1.4             | 0.7     | 85                  | 125                 |   |
|      |               |         |                               | 1.2                   | <b>6.0</b>  | 1.5                                | 1.6        | <b>13.0</b> | 1.6                                | 2.6         | <b>20.0</b> | 2.3                                | 3.4         | <b>23.0</b> | 2.8                                | 2.4             | 1.5     | 100                 | 145                 |   |
|      |               |         |                               | 1.4                   | <b>4.2</b>  | 1.7                                | 1.8        | <b>11.6</b> | 1.8                                | 3.0         | <b>17.7</b> | 2.6                                | 3.8         | <b>20.9</b> | 3.1                                | 3.2             | 2.0     | 105                 | 155                 |   |
|      |               |         |                               | 1.6                   | <b>2.7</b>  | 1.9                                | 2.0        | <b>10.2</b> | 2.0                                | 3.4         | <b>15.5</b> | 3.0                                | 4.2         | <b>18.9</b> | 3.5                                | 3.8             | 3.0     | 120                 | 170                 |   |
|      |               |         |                               | 1.8                   | <b>1.3</b>  | 2.1                                | 2.2        | <b>8.9</b>  | 2.2                                | 3.8         | <b>13.3</b> | 3.4                                | 4.6         | <b>16.9</b> | 3.8                                | 4.6             | 4.0     | 130                 | 210                 |   |
|      |               |         |                               | -                     | -           | -                                  | 2.4        | <b>7.4</b>  | 2.4                                | 4.2         | <b>11.0</b> | 3.7                                | 5.0         | <b>14.9</b> | 4.2                                | -               | -       | -                   | -                   | - |
|      |               |         |                               | -                     | -           | -                                  | 2.6        | <b>5.9</b>  | 2.6                                | 4.6         | <b>8.8</b>  | 4.1                                | 5.4         | <b>12.8</b> | 4.6                                | -               | -       | -                   | -                   | - |
|      |               |         |                               | -                     | -           | -                                  | 2.8        | <b>4.6</b>  | 2.8                                | 5.0         | <b>6.6</b>  | 4.5                                | 5.8         | <b>10.8</b> | 5.0                                | -               | -       | -                   | -                   | - |
|      |               |         |                               | -                     | -           | -                                  | 3.0        | <b>3.2</b>  | 3.0                                | 5.4         | <b>4.3</b>  | 4.9                                | 6.0         | <b>9.8</b>  | 5.2                                | -               | -       | -                   | -                   | - |
|      |               |         |                               | -                     | -           | -                                  | 3.2        | <b>2.1</b>  | 3.2                                | 5.8         | <b>2.5</b>  | 5.3                                | -           | -           | -                                  | -               | -       | -                   | -                   | - |
|      | -             | -       | -                             | 3.4                   | <b>1.1</b>  | 3.4                                | 6.0        | <b>1.6</b>  | 5.5                                | -           | -           | -                                  | -           | -           | -                                  | -               | -       |                     |                     |   |
|      | 166.462.xx.A2 | ●       | 1.5                           | 1.2                   | <b>19.0</b> | 2.6                                | 2.0        | <b>22.0</b> | 2.0                                | 3.0         | <b>61.8</b> | 4.0                                | 3.8         | <b>76.1</b> | 4.6                                | 1.2             | 0.7     | 120                 | 140                 |   |
|      |               |         |                               | 1.6                   | <b>12.2</b> | 3.4                                | 2.4        | <b>18.0</b> | 2.4                                | 3.4         | <b>51.9</b> | 4.8                                | 4.0         | <b>70.4</b> | 5.1                                | 2.4             | 1.5     | 120                 | 170                 |   |
|      |               |         |                               | 2.0                   | <b>9.4</b>  | 4.1                                | 2.8        | <b>14.4</b> | 2.8                                | 3.8         | <b>44.6</b> | 5.8                                | 4.2         | <b>65.6</b> | 5.5                                | 3.2             | 2.0     | 120                 | 175                 |   |
|      |               |         |                               | 2.4                   | <b>7.1</b>  | 4.8                                | 3.2        | <b>11.3</b> | 3.2                                | 4.2         | <b>39.0</b> | 6.6                                | 4.4         | <b>61.3</b> | 5.9                                | 3.8             | 3.0     | 140                 | 205                 |   |
|      |               |         |                               | 2.8                   | <b>5.7</b>  | 5.4                                | 3.6        | <b>8.8</b>  | 3.6                                | 4.6         | <b>33.4</b> | 7.4                                | 4.6         | <b>57.3</b> | 6.4                                | 6.0             | 4.0     | 145                 | 205                 |   |
|      |               |         |                               | 3.2                   | <b>5.0</b>  | 6.0                                | 4.0        | <b>8.1</b>  | 3.9                                | 5.0         | <b>29.4</b> | 8.1                                | 4.8         | <b>54.1</b> | 6.7                                | -               | -       | -                   | -                   |   |
|      |               |         |                               | 3.6                   | <b>3.6</b>  | 6.6                                | 4.4        | <b>6.2</b>  | 4.3                                | 5.4         | <b>25.5</b> | 8.9                                | 5.0         | <b>51.3</b> | 7.2                                | -               | -       | -                   | -                   |   |
|      |               |         |                               | 4.0                   | <b>3.2</b>  | 7.2                                | 4.8        | <b>4.6</b>  | 4.6                                | 5.8         | <b>22.0</b> | 9.6                                | 5.2         | <b>49.3</b> | 7.7                                | -               | -       | -                   | -                   |   |
|      |               |         |                               | 4.4                   | <b>2.2</b>  | 7.8                                | 5.2        | <b>3.2</b>  | 4.9                                | 6.0         | <b>20.6</b> | 9.9                                | 5.4         | <b>46.5</b> | 8.2                                | -               | -       | -                   | -                   |   |
| -    |               |         |                               | -                     | -           | 5.6                                | <b>1.6</b> | 5.3         | -                                  | -           | -           | 5.6                                | <b>43.7</b> | 8.6         | -                                  | -               | -       | -                   |                     |   |
| -    | -             | -       | 5.8                           | <b>0.8</b>            | 5.4         | -                                  | -          | -           | 5.8                                | <b>41.3</b> | 8.9         | -                                  | -           | -           | -                                  |                 |         |                     |                     |   |
| -    | -             | -       | -                             | -                     | -           | -                                  | -          | -           | 6.0                                | <b>39.0</b> | 9.3         | -                                  | -           | -           | -                                  |                 |         |                     |                     |   |





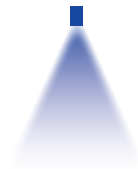
| Úhel          | Objednáací č. |         | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |              |   |                |              |   |                |              |   |                |              |   | Rozměry paprsku |              |                     |                     |   |
|---------------|---------------|---------|-------------------------------|-----------------------|--------------|---|----------------|--------------|---|----------------|--------------|---|----------------|--------------|---|-----------------|--------------|---------------------|---------------------|---|
|               | Typ           | Mat. č. |                               | 0.7                   |              |   | 1.5            |              |   | 3.0            |              |   | 4.0            |              |   | p Vzduch [bar]  | p voda [bar] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |   |
|               |               | 16      |                               | p Vzduch [bar]        | V voda [l/h] | V <sub>3</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>3</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>3</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>3</sub> Vzduch [m <sup>3</sup> /h] |                 |              |                     |                     |   |
| 60°           | 166.425.xx.A2 | ●       | 0.5                           | 0.8                   | <b>6.5</b>   | 1.2                                       | 1.4            | <b>9.4</b>   | 1.7                                       | 2.4            | <b>13.2</b>  | 2.5                                       | 2.4            | <b>16.1</b>  | 2.5                                       | 1.2             | 0.7          | 155                 | 195                 |   |
|               |               |         |                               | 1.2                   | <b>5.5</b>   | 1.6                                       | 1.8            | <b>8.7</b>   | 2.1                                       | 2.6            | <b>12.9</b>  | 2.7                                       | 2.8            | <b>15.5</b>  | 2.9                                       | 2.2             | 1.5          | 165                 | 255                 |   |
|               |               |         |                               | 1.6                   | <b>4.7</b>   | 1.9                                       | 2.2            | <b>7.9</b>   | 2.4                                       | 3.0            | <b>12.3</b>  | 3.0                                       | 3.2            | <b>15.0</b>  | 3.2                                       | 3.0             | 2.0          | 170                 | 265                 |   |
|               |               |         |                               | 2.0                   | <b>4.0</b>   | 2.3                                       | 2.6            | <b>7.2</b>   | 2.7                                       | 3.4            | <b>11.8</b>  | 3.4                                       | 3.6            | <b>14.5</b>  | 3.5                                       | 3.4             | 3.0          | 200                 | 330                 |   |
|               |               |         |                               | 2.4                   | <b>3.2</b>   | 2.6                                       | 3.0            | <b>6.4</b>   | 3.1                                       | 3.8            | <b>11.1</b>  | 3.7                                       | 4.0            | <b>13.9</b>  | 3.8                                       | 5.6             | 4.0          | 200                 | 330                 |   |
|               |               |         |                               | 2.8                   | <b>2.6</b>   | 2.9                                       | 3.4            | <b>5.7</b>   | 3.4                                       | 4.2            | <b>10.4</b>  | 4.0                                       | 4.4            | <b>13.4</b>  | 4.1                                       | -               | -            | -                   | -                   | - |
|               |               |         |                               | 3.0                   | <b>2.2</b>   | 3.1                                       | 3.8            | <b>5.1</b>   | 3.7                                       | 4.6            | <b>9.8</b>   | 4.3                                       | 4.8            | <b>12.8</b>  | 4.5                                       | -               | -            | -                   | -                   | - |
|               |               |         |                               | -                     | -            | -   | 4.0            | <b>4.8</b>   | 3.9                                       | 5.0            | <b>9.2</b>   | 4.6                                       | 5.2            | <b>12.2</b>  | 4.8                                       | -               | -            | -                   | -                   | - |
|               |               |         |                               | -                     | -            | -   | 4.4            | <b>4.2</b>   | 4.2                                       | 5.4            | <b>8.6</b>   | 5.0                                       | 5.6            | <b>11.7</b>  | 5.1                                       | -               | -            | -                   | -                   | - |
|               |               |         |                               | -                     | -            | -   | 4.8            | <b>3.6</b>   | 4.5                                       | 5.8            | <b>8.1</b>   | 5.3                                       | 6.0            | <b>11.2</b>  | 5.4                                       | -               | -            | -                   | -                   | - |
|               |               |         |                               | -                     | -            | -   | 5.2            | <b>2.8</b>   | 4.8                                       | 6.0            | <b>7.8</b>   | 5.4                                       | -              | -            | -   | -               | -            | -                   | -                   | - |
|               |               |         |                               | -                     | -            | -   | 5.6            | <b>2.2</b>   | 5.1                                       | -              | -            | -   | -              | -            | -   | -               | -            | -                   | -                   | - |
|               | -             | -       | -                             | 6.0                   | <b>1.6</b>   | 5.5                                       | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            |                     |                     |   |
|               | 166.452.xx.A2 | ●       | 1.5                           | 1.0                   | <b>18.8</b>  | 3.9                                       | 1.8            | <b>31.0</b>  | 5.3                                       | 3.2            | <b>50.1</b>  | 7.7                                       | 3.8            | <b>70.7</b>  | 8.2                                       | 1.0             | 0.7          | 130                 | 185                 |   |
|               |               |         |                               | 1.4                   | <b>8.6</b>   | 5.7                                       | 2.0            | <b>25.4</b>  | 6.3                                       | 3.6            | <b>39.5</b>  | 9.4                                       | 4.2            | <b>58.6</b>  | 9.6                                       | 1.8             | 1.5          | 150                 | 240                 |   |
|               |               |         |                               | 1.8                   | <b>7.4</b>   | 7.0                                       | 2.2            | <b>20.1</b>  | 7.2                                       | 4.0            | <b>31.3</b>  | 11.2                                      | 4.6            | <b>48.6</b>  | 11.2                                      | 2.6             | 2.0          | 155                 | 245                 |   |
|               |               |         |                               | 2.2                   | <b>4.1</b>   | 8.4                                       | 2.4            | <b>15.5</b>  | 8.0                                       | 4.4            | <b>24.0</b>  | 12.9                                      | 5.0            | <b>41.2</b>  | 13.1                                      | 3.6             | 3.0          | 175                 | 280                 |   |
|               |               |         |                               | 2.6                   | <b>1.0</b>   | 9.8                                       | 2.6            | <b>12.4</b>  | 8.9                                       | 4.8            | <b>17.7</b>  | 14.5                                      | 5.4            | <b>33.6</b>  | 14.8                                      | 5.0             | 4.0          | 180                 | 285                 |   |
|               |               |         |                               | 2.8                   | <b>0.1</b>   | 10.3                                      | 2.8            | <b>10.4</b>  | 9.6                                       | 5.2            | <b>13.4</b>  | 16.0                                      | 5.8            | <b>27.5</b>  | 16.4                                      | -               | -            | -                   | -                   | - |
|               |               |         |                               | -                     | -            | -   | -              | -            | -   | 5.6            | <b>10.6</b>  | 17.5                                      | 6.0            | <b>24.4</b>  | 17.2                                      | -               | -            | -                   | -                   | - |
| -             |               |         |                               | -                     | -            | -   | -              | -            | 6.0                                       | <b>8.6</b>     | 18.8         | -   | -              | -            | -   | -               | -            | -                   | -                   |   |
| 166.433.xx.A2 | ●             | 0.4     | 1.0                           | <b>11.6</b>           | 2.0          | 1.8                                       | <b>18.3</b>    | 2.8          | 3.0                                       | <b>31.0</b>    | 3.7          | 3.8                                       | <b>37.5</b>    | 4.4          | 1.4                                       | 0.7             | 150          | 210                 |                     |   |
|               |               |         | 1.2                           | <b>8.1</b>            | 2.4          | 2.0                                       | <b>15.3</b>    | 3.2          | 3.4                                       | <b>25.4</b>    | 4.4          | 4.2                                       | <b>32.4</b>    | 5.0          | 2.2                                       | 1.5             | 185          | 255                 |                     |   |
|               |               |         | 1.4                           | <b>5.3</b>            | 2.8          | 2.2                                       | <b>12.2</b>    | 3.6          | 3.8                                       | <b>20.6</b>    | 5.1          | 4.6                                       | <b>27.7</b>    | 5.7          | 3.0                                       | 2.0             | 205          | 300                 |                     |   |
|               |               |         | 1.6                           | <b>3.7</b>            | 3.2          | 2.4                                       | <b>9.8</b>     | 4.0          | 4.2                                       | <b>16.3</b>    | 5.9          | 5.0                                       | <b>23.4</b>    | 6.5          | 3.8                                       | 4.0             | 300          | 485                 |                     |   |
|               |               |         | -                             | -                     | -            | 2.6                                       | <b>7.6</b>     | 4.3          | 4.6                                       | <b>12.5</b>    | 6.6          | 5.4                                       | <b>19.4</b>    | 7.2          | 5.2                                       | 4.0             | 260          | 395                 |                     |   |
|               |               |         | -                             | -                     | -            | 2.8                                       | <b>5.9</b>     | 4.7          | 5.0                                       | <b>9.3</b>     | 7.3          | 5.8                                       | <b>15.9</b>    | 7.9          | -   | -               | -            | -                   | -                   |   |
|               |               |         | -                             | -                     | -            | 3.0                                       | <b>4.4</b>     | 5.0          | 5.4                                       | <b>6.5</b>     | 8.0          | 6.0                                       | <b>14.2</b>    | 8.3          | -   | -               | -            | -                   | -                   |   |

Objednání Typ + Materiál č. = Objednáací č.  
 příklad: 166.425.xx.A2 + 16 = 166.425.16.A2



# Pneumatické rozprašovací trysky, plochý paprsek, tlakový princip, vnější směšování

## Série 166.6



### Vlastnosti:

- Verze s elektromagnetickým ventilem
- Jemné rozprašování ve formě plochého paprsku
- Přívod kapaliny pod tlakem
- Vnější směšování

### Použití:

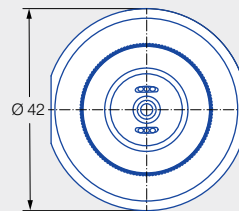
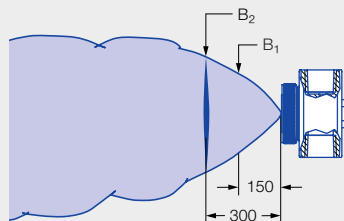
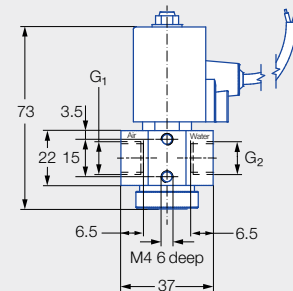
- Zvlčování pásů
- Chlazení
- Zvlhčování zboží
- Rozprašování viskózních kapalin

### Technická data:

- Provozní tlak: 0–6 bar
- Napětí: 24 V DC
- Výkon: 8 W
- Spínací frekvence: cca. 500/min
- Ochranný systém: IP 67
- Teplota okolního prostředí: +10 °C / +50 °C
- Délka kabelu: 1,000 mm
- Materiál těsnění: EPDM



Série 166.6



|                                    |                                  |             |
|------------------------------------|----------------------------------|-------------|
| Vzduch<br>Připojení G <sub>1</sub> | Voda<br>Připojení G <sub>2</sub> | Váha<br>[g] |
| 1/4 BSPP                           | 1/4 BSPP                         | 410         |

| Úhel | Objednací č.  |             | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |              |   |                |              |   |                |              |   |                |              |   | Rozměry paprsku |      |     |     |         |              |                     |                     |
|------|---------------|-------------|-------------------------------|-----------------------|--------------|---|----------------|--------------|---|----------------|--------------|---|----------------|--------------|---|-----------------|------|-----|-----|---------|--------------|---------------------|---------------------|
|      | Typ           | Mat. č.     |                               | 0.07                  |              |   |                | 0.15         |   |                |              | 0.30                                      |                |              |   | 0.35            |      |     |     | p [bar] | p voda [bar] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |
|      |               | 16          |                               | p Vzduch [bar]        | V voda [l/h] | V <sub>0</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>0</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>0</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>0</sub> Vzduch [m <sup>3</sup> /h] |                 |      |     |     |         |              |                     |                     |
| 45°  | 166.616.xx.A2 | ●           | 0.40                          | 0.80                  | <b>1.68</b>  | 2.50                                      | 0.80           | <b>2.43</b>  | 2.40                                      | 0.80           | <b>3.42</b>  | 2.50                                      | 1.00           | <b>3.69</b>  | 2.80                                      | 1.40            | 0.07 | 80  | 115 |         |              |                     |                     |
|      |               |             |                               | 1.20                  | <b>1.80</b>  | 3.10                                      | 1.00           | <b>2.46</b>  | 2.90                                      | 1.20           | <b>3.48</b>  | 3.10                                      | 1.40           | <b>3.81</b>  | 3.40                                      | 2.20            | 0.15 | 90  | 130 |         |              |                     |                     |
|      |               |             |                               | 1.60                  | <b>1.92</b>  | 3.70                                      | 1.40           | <b>2.58</b>  | 3.60                                      | 1.60           | <b>3.51</b>  | 3.70                                      | 1.80           | <b>3.87</b>  | 4.00                                      | 3.20            | 0.20 | 90  | 135 |         |              |                     |                     |
|      |               |             |                               | 2.00                  | <b>2.10</b>  | 4.30                                      | 1.80           | <b>2.61</b>  | 4.20                                      | 2.00           | <b>3.63</b>  | 4.30                                      | 2.20           | <b>3.84</b>  | 4.60                                      | 4.00            | 0.30 | 95  | 145 |         |              |                     |                     |
|      |               |             |                               | 2.40                  | <b>2.07</b>  | 4.90                                      | 2.20           | <b>2.76</b>  | 4.80                                      | 2.40           | <b>3.63</b>  | 4.90                                      | 2.60           | <b>3.90</b>  | 5.20                                      | 5.00            | 0.35 | 100 | 145 |         |              |                     |                     |
|      |               |             |                               | 2.80                  | <b>2.19</b>  | 5.50                                      | 2.60           | <b>2.73</b>  | 5.40                                      | 2.80           | <b>3.63</b>  | 5.50                                      | 3.00           | <b>3.93</b>  | 5.80                                      | -               | -    | -   | -   | -       |              |                     |                     |
|      |               |             |                               | 3.20                  | <b>2.19</b>  | 6.10                                      | 3.00           | <b>2.73</b>  | 6.00                                      | 3.20           | <b>3.63</b>  | 6.10                                      | 3.40           | <b>3.90</b>  | 6.40                                      | -               | -    | -   | -   | -       |              |                     |                     |
|      |               |             |                               | 3.60                  | <b>2.22</b>  | 6.70                                      | 3.60           | <b>2.76</b>  | 6.70                                      | 3.60           | <b>3.66</b>  | 6.70                                      | 3.80           | <b>3.93</b>  | 7.00                                      | -               | -    | -   | -   | -       |              |                     |                     |
|      |               |             |                               | 4.00                  | <b>2.22</b>  | 7.30                                      | 4.00           | <b>2.76</b>  | 7.30                                      | 4.00           | <b>3.69</b>  | 7.30                                      | 4.20           | <b>3.96</b>  | 7.60                                      | -               | -    | -   | -   | -       |              |                     |                     |
|      |               |             |                               | 4.40                  | <b>2.22</b>  | 7.90                                      | 4.40           | <b>2.76</b>  | 7.90                                      | 4.40           | <b>3.69</b>  | 7.90                                      | 4.60           | <b>3.93</b>  | 8.20                                      | -               | -    | -   | -   | -       |              |                     |                     |
|      | 4.80          | <b>2.22</b> | 8.50                          | 4.80                  | <b>2.76</b>  | 8.50                                      | 4.80           | <b>3.69</b>  | 8.40                                      | 5.00           | <b>3.93</b>  | 8.80                                      | -              | -            | -   | -               | -    |     |     |         |              |                     |                     |
|      | 5.20          | <b>2.22</b> | 9.10                          | 5.20                  | <b>2.76</b>  | 9.10                                      | 5.20           | <b>3.66</b>  | 9.10                                      | 5.40           | <b>3.93</b>  | 9.40                                      | -              | -            | -   | -               | -    |     |     |         |              |                     |                     |
|      | 5.60          | <b>2.22</b> | 9.60                          | 5.60                  | <b>2.76</b>  | 9.70                                      | 5.60           | <b>3.66</b>  | 9.60                                      | 5.80           | <b>3.87</b>  | 10.00                                     | -              | -            | -   | -               | -    |     |     |         |              |                     |                     |
|      | 6.00          | <b>2.22</b> | 10.20                         | 6.00                  | <b>2.73</b>  | 10.20                                     | 6.00           | <b>3.66</b>  | 10.20                                     | 6.00           | <b>3.87</b>  | 10.20                                     | -              | -            | -   | -               | -    |     |     |         |              |                     |                     |
|      | 0.80          | <b>5.25</b> | 2.40                          | 0.80                  | <b>7.29</b>  | 2.40                                      | 1.20           | <b>10.11</b> | 3.10                                      | 1.60           | <b>11.07</b> | 3.70                                      | 1.40           | 0.07         | 95  | 135             |      |     |     |         |              |                     |                     |
|      | 1.20          | <b>5.64</b> | 3.10                          | 1.20                  | <b>7.44</b>  | 3.10                                      | 1.60           | <b>10.23</b> | 3.70                                      | 2.00           | <b>11.22</b> | 4.30                                      | 2.20           | 0.15         | 100                                       | 150             |      |     |     |         |              |                     |                     |
|      | 1.60          | <b>5.79</b> | 3.70                          | 1.60                  | <b>7.62</b>  | 3.70                                      | 2.00           | <b>10.38</b> | 4.30                                      | 2.40           | <b>11.28</b> | 4.90                                      | 3.20           | 0.20         | 105                                       | 160             |      |     |     |         |              |                     |                     |
|      | 2.00          | <b>6.18</b> | 4.30                          | 2.00                  | <b>7.86</b>  | 4.30                                      | 2.40           | <b>10.47</b> | 4.90                                      | 2.80           | <b>11.31</b> | 5.50                                      | 4.00           | 0.30         | 105                                       | 160             |      |     |     |         |              |                     |                     |
|      | 2.40          | <b>6.24</b> | 4.90                          | 2.40                  | <b>7.92</b>  | 4.90                                      | 2.80           | <b>10.59</b> | 5.50                                      | 3.20           | <b>11.43</b> | 6.10                                      | 5.00           | 0.35         | 105                                       | 160             |      |     |     |         |              |                     |                     |
|      | 2.80          | <b>6.27</b> | 5.50                          | 2.80                  | <b>8.04</b>  | 5.50                                      | 3.20           | <b>10.59</b> | 6.10                                      | 3.60           | <b>11.46</b> | 6.60                                      | -              | -            | -   | -               | -    |     |     |         |              |                     |                     |
| 3.20 | <b>6.39</b>   | 6.10        | 3.20                          | <b>8.13</b>           | 6.10         | 3.60                                      | <b>10.62</b>   | 6.70         | 4.00                                      | <b>11.43</b>   | 7.20         | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |
| 3.60 | <b>6.42</b>   | 6.60        | 3.60                          | <b>8.13</b>           | 6.70         | 4.00                                      | <b>10.62</b>   | 7.20         | 4.40                                      | <b>11.37</b>   | 7.80         | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |
| 4.00 | <b>6.45</b>   | 7.20        | 4.00                          | <b>8.13</b>           | 7.20         | 4.40                                      | <b>10.62</b>   | 7.80         | 4.80                                      | <b>11.37</b>   | 8.40         | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |
| 4.40 | <b>6.42</b>   | 7.80        | 4.40                          | <b>8.07</b>           | 7.80         | 4.80                                      | <b>10.59</b>   | 8.40         | 5.20                                      | <b>11.34</b>   | 9.00         | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |
| 4.80 | <b>6.30</b>   | 8.40        | 4.80                          | <b>8.04</b>           | 8.40         | 5.20                                      | <b>10.56</b>   | 9.00         | 5.60                                      | <b>11.22</b>   | 9.60         | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |
| 5.20 | <b>6.24</b>   | 9.00        | 5.20                          | <b>7.86</b>           | 9.00         | 5.60                                      | <b>10.50</b>   | 9.60         | 6.00                                      | <b>11.16</b>   | 10.10        | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |
| 5.60 | <b>6.09</b>   | 9.60        | 5.60                          | <b>7.83</b>           | 9.60         | 6.00                                      | <b>10.35</b>   | 10.20        | -   | -              | -            | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |
| 6.00 | <b>5.85</b>   | 10.20       | 6.00                          | <b>7.59</b>           | 10.20        | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               |      |     |     |         |              |                     |                     |





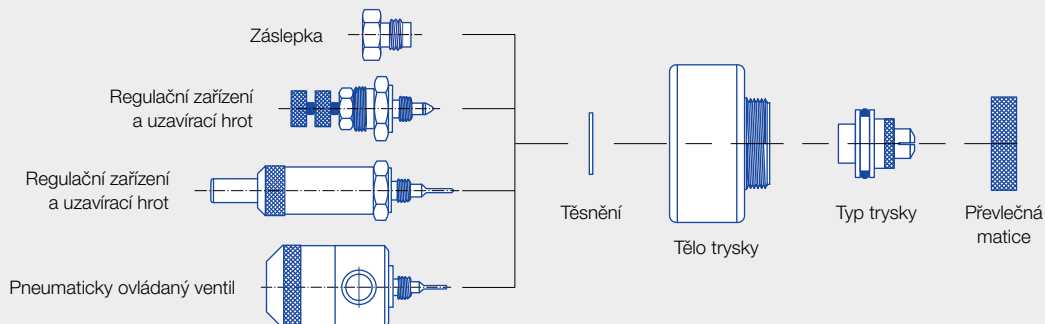
| Úhel | Objednáací č. |               | Nejužší průřez tryskou Ø [mm] | Tlak kapaliny p [bar] |              |   |                |              |   |                |              |   |                |              |   | Rozměry paprsku |              |                     |                     |     |
|------|---------------|---------------|-------------------------------|-----------------------|--------------|---|----------------|--------------|---|----------------|--------------|---|----------------|--------------|---|-----------------|--------------|---------------------|---------------------|-----|
|      | Typ           | Mat. č.       |                               | 0.07                  |              |   | 0.15           |              |   | 0.30           |              |   | 0.35           |              |   | p Vzduch [bar]  | p voda [bar] | B <sub>1</sub> [mm] | B <sub>2</sub> [mm] |     |
|      |               | 16            |                               | p Vzduch [bar]        | V voda [l/h] | V <sub>r</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>r</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>r</sub> Vzduch [m <sup>3</sup> /h] | p Vzduch [bar] | V voda [l/h] | V <sub>r</sub> Vzduch [m <sup>3</sup> /h] |                 |              |                     |                     |     |
| 60°  | 166.626.xx.A2 | ●             | 0.40                          | 0.80                  | <b>1.83</b>  | 2.80                                      | 0.80           | <b>2.49</b>  | 2.80                                      | 0.80           | <b>3.48</b>  | 2.80                                      | 0.80           | <b>3.78</b>  | 2.80                                      | 1.60            | 0.07         | 85                  | 135                 |     |
|      |               |               |                               | 1.20                  | <b>1.98</b>  | 3.60                                      | 1.20           | <b>2.58</b>  | 3.50                                      | 1.20           | <b>3.60</b>  | 3.50                                      | 1.20           | <b>3.87</b>  | 3.60                                      | 2.40            | 0.15         | 90                  | 140                 |     |
|      |               |               |                               | 1.60                  | <b>2.10</b>  | 4.30                                      | 1.60           | <b>2.70</b>  | 4.20                                      | 1.60           | <b>3.66</b>  | 4.30                                      | 1.60           | <b>3.90</b>  | 4.20                                      | 3.20            | 0.20         | 90                  | 140                 |     |
|      |               |               |                               | 2.00                  | <b>2.16</b>  | 4.90                                      | 2.00           | <b>2.82</b>  | 4.90                                      | 2.00           | <b>3.69</b>  | 4.90                                      | 2.00           | <b>3.96</b>  | 4.90                                      | 4.00            | 0.30         | 100                 | 145                 |     |
|      |               |               |                               | 2.40                  | <b>2.25</b>  | 5.60                                      | 2.40           | <b>2.85</b>  | 5.60                                      | 2.40           | <b>3.69</b>  | 5.60                                      | 2.40           | <b>3.96</b>  | 5.60                                      | 5.20            | 0.35         | 105                 | 150                 |     |
|      |               |               |                               | 2.80                  | <b>2.34</b>  | 6.30                                      | 2.80           | <b>2.88</b>  | 6.30                                      | 2.80           | <b>3.72</b>  | 6.30                                      | 2.80           | <b>4.02</b>  | 6.30                                      | -               | -            | -                   | -                   |     |
|      |               |               |                               | 3.20                  | <b>2.31</b>  | 7.00                                      | 3.20           | <b>2.88</b>  | 7.00                                      | 3.20           | <b>3.78</b>  | 7.00                                      | 3.20           | <b>3.99</b>  | 7.00                                      | -               | -            | -                   | -                   |     |
|      |               |               |                               | 3.60                  | <b>2.34</b>  | 7.60                                      | 3.60           | <b>2.88</b>  | 7.70                                      | 3.60           | <b>3.78</b>  | 7.60                                      | 3.60           | <b>4.02</b>  | 7.70                                      | -               | -            | -                   | -                   |     |
|      |               |               |                               | 4.00                  | <b>2.40</b>  | 8.40                                      | 4.00           | <b>2.94</b>  | 8.40                                      | 4.00           | <b>3.81</b>  | 8.30                                      | 4.00           | <b>4.05</b>  | 8.30                                      | -               | -            | -                   | -                   |     |
|      |               |               |                               | 4.40                  | <b>2.40</b>  | 9.00                                      | 4.40           | <b>2.91</b>  | 9.00                                      | 4.40           | <b>3.81</b>  | 9.00                                      | 4.40           | <b>4.02</b>  | 9.00                                      | -               | -            | -                   | -                   |     |
|      |               |               |                               | 4.80                  | <b>2.40</b>  | 9.70                                      | 4.80           | <b>2.97</b>  | 9.70                                      | 4.80           | <b>3.81</b>  | 9.70                                      | 4.80           | <b>4.08</b>  | 9.70                                      | -               | -            | -                   | -                   |     |
|      |               |               |                               | 5.20                  | <b>2.43</b>  | 10.40                                     | 5.20           | <b>2.97</b>  | 10.40                                     | 5.20           | <b>3.81</b>  | 10.40                                     | 5.20           | <b>4.05</b>  | 10.40                                     | -               | -            | -                   | -                   |     |
|      | 5.60          | <b>2.43</b>   | 11.20                         | 5.60                  | <b>2.97</b>  | 11.10                                     | 5.60           | <b>3.81</b>  | 11.10                                     | 5.60           | <b>4.05</b>  | 11.00                                     | -              | -            | -   | -               |              |                     |                     |     |
|      | 6.00          | <b>2.43</b>   | 11.80                         | 6.00                  | <b>2.97</b>  | 11.80                                     | 6.00           | <b>3.81</b>  | 11.80                                     | 6.00           | <b>4.05</b>  | 11.80                                     | -              | -            | -   | -               |              |                     |                     |     |
|      |               | 166.682xx.A2  | ●                             | 1.50                  | 1.00         | <b>22.41</b>                              | 7.50           | 1.40         | <b>28.95</b>                              | 9.30           | 1.80         | <b>41.22</b>                              | 11.10          | 2.00         | <b>44.04</b>                              | 11.80           | 1.60         | 0.07                | 110                 | 155 |
|      | 1.40          |               |                               |                       | <b>20.19</b> | 9.30                                      | 1.80           | <b>26.07</b> | 10.90                                     | 2.20           | <b>34.92</b> | 12.60                                     | 2.40           | <b>39.09</b> | 13.40                                     | 2.40            | 0.15         | 120                 | 155                 |     |
|      | 1.80          |               |                               |                       | <b>18.75</b> | 11.00                                     | 2.20           | <b>23.94</b> | 12.50                                     | 2.60           | <b>33.18</b> | 14.20                                     | 2.80           | <b>35.16</b> | 15.10                                     | 3.20            | 0.20         | 120                 | 160                 |     |
|      | 2.20          |               |                               |                       | <b>17.88</b> | 12.50                                     | 2.60           | <b>22.23</b> | 14.30                                     | 3.00           | <b>30.45</b> | 15.90                                     | 3.20           | <b>32.22</b> | 16.70                                     | 4.00            | 0.30         | 120                 | 165                 |     |
|      | 2.60          |               |                               |                       | <b>17.10</b> | 14.20                                     | 3.00           | <b>21.12</b> | 15.90                                     | 3.40           | <b>28.29</b> | 17.50                                     | 3.60           | <b>30.18</b> | 18.30                                     | 5.20            | 0.35         | 120                 | 175                 |     |
|      | 3.00          |               |                               |                       | <b>16.47</b> | 15.90                                     | 3.40           | <b>20.10</b> | 17.50                                     | 3.80           | <b>26.64</b> | 19.10                                     | 4.00           | <b>28.32</b> | 19.90                                     | -               | -            | -                   | -                   |     |
|      | 3.40          |               |                               |                       | <b>16.08</b> | 17.50                                     | 3.80           | <b>19.44</b> | 19.10                                     | 4.20           | <b>25.35</b> | 20.70                                     | 4.40           | <b>26.94</b> | 21.50                                     | -               | -            | -                   | -                   |     |
|      | 3.80          |               |                               |                       | <b>15.90</b> | 19.10                                     | 4.20           | <b>18.99</b> | 20.70                                     | 4.60           | <b>24.24</b> | 22.30                                     | 4.80           | <b>25.59</b> | 23.10                                     | -               | -            | -                   | -                   |     |
|      | 4.20          |               |                               |                       | <b>15.90</b> | 20.70                                     | 4.60           | <b>18.45</b> | 22.30                                     | 5.00           | <b>23.13</b> | 24.00                                     | 5.20           | <b>24.36</b> | 24.80                                     | -               | -            | -                   | -                   |     |
|      | 4.60          |               |                               |                       | <b>15.81</b> | 22.30                                     | 5.00           | <b>18.18</b> | 24.00                                     | 5.40           | <b>22.14</b> | 25.50                                     | 5.60           | <b>23.28</b> | 26.40                                     | -               | -            | -                   | -                   |     |
|      | 5.00          |               |                               |                       | <b>15.21</b> | 23.90                                     | 5.40           | <b>17.25</b> | 25.40                                     | 5.80           | <b>21.12</b> | 27.20                                     | 6.00           | <b>22.17</b> | 28.00                                     | -               | -            | -                   | -                   |     |
|      | 5.40          |               |                               |                       | <b>13.92</b> | 25.50                                     | 5.80           | <b>15.72</b> | 27.20                                     | 6.00           | <b>20.67</b> | 28.00                                     | -              | -            | -   | -               | -            | -                   | -                   |     |
|      | 5.80          | <b>12.09</b>  | 27.20                         | 6.00                  | <b>14.91</b> | 28.00                                     | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               |              |                     |                     |     |
|      | 6.00          | <b>11.07</b>  | 28.00                         | -                     | -            | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               |              |                     |                     |     |
|      |               | 166.691.xx.A2 | ●                             | 2.50                  | 1.40         | <b>52.00</b>                              | 13.80          | 2.00         | <b>67.30</b>                              | 17.50          | 2.60         | <b>92.30</b>                              | 21.20          | 2.60         | <b>102.10</b>                             | 21.20           | 1.60         | 0.07                | 150                 | 200 |
|      | 1.80          |               |                               |                       | <b>50.00</b> | 16.30                                     | 2.40           | <b>64.60</b> | 20.10                                     | 3.00           | <b>87.70</b> | 23.60                                     | 3.00           | <b>97.20</b> | 23.70                                     | 2.40            | 0.15         | 160                 | 205                 |     |
| 2.20 | <b>48.60</b>  |               |                               |                       | 18.80        | 2.80                                      | <b>62.00</b>   | 22.50        | 3.40                                      | <b>84.30</b>   | 26.00        | 3.40                                      | <b>92.50</b>   | 26.10        | 3.20                                      | 0.20            | 160          | 205                 |                     |     |
| 2.60 | <b>47.50</b>  |               |                               |                       | 21.30        | 3.20                                      | <b>60.40</b>   | 24.90        | 3.80                                      | <b>80.70</b>   | 28.50        | 3.80                                      | <b>88.40</b>   | 28.50        | 4.00                                      | 0.30            | 160          | 210                 |                     |     |
| 3.00 | <b>46.50</b>  |               |                               |                       | 23.70        | 3.60                                      | <b>58.00</b>   | 27.30        | 4.20                                      | <b>77.00</b>   | 30.90        | 4.20                                      | <b>85.20</b>   | 31.00        | 5.20                                      | 0.35            | 150          | 210                 |                     |     |
| 3.40 | <b>45.40</b>  |               |                               |                       | 26.10        | 4.00                                      | <b>56.20</b>   | 29.80        | 4.60                                      | <b>74.40</b>   | 33.40        | 4.60                                      | <b>81.30</b>   | 33.40        | -   | -               | -            | -                   |                     |     |
| 3.80 | <b>44.40</b>  |               |                               |                       | 28.60        | 4.40                                      | <b>54.20</b>   | 32.10        | 5.00                                      | <b>71.10</b>   | 35.90        | 5.00                                      | <b>78.20</b>   | 35.80        | -   | -               | -            | -                   |                     |     |
| 4.20 | <b>42.90</b>  |               |                               |                       | 31.00        | 4.80                                      | <b>52.40</b>   | 34.70        | 5.40                                      | <b>68.10</b>   | 38.30        | 5.40                                      | <b>74.30</b>   | 38.20        | -   | -               | -            | -                   |                     |     |
| 4.60 | <b>41.50</b>  |               |                               |                       | 33.40        | 5.20                                      | <b>49.90</b>   | 37.10        | 5.80                                      | <b>64.30</b>   | 40.80        | 5.80                                      | <b>71.10</b>   | 40.70        | -   | -               | -            | -                   |                     |     |
| 5.00 | <b>39.90</b>  |               |                               |                       | 35.80        | 5.60                                      | <b>48.10</b>   | 39.50        | 6.00                                      | <b>63.20</b>   | 42.00        | 6.00                                      | <b>68.90</b>   | 41.90        | -   | -               | -            | -                   |                     |     |
| 5.40 | <b>38.90</b>  |               |                               |                       | 38.30        | 6.00                                      | <b>46.40</b>   | 42.00        | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                   |                     |     |
| 5.60 | <b>38.50</b>  |               |                               |                       | 39.40        | -   | -              | -            | -   | -              | -            | -   | -              | -            | -   | -               | -            | -                   |                     |     |

Objednání Typ + Materiál č. = Objednáací č.  
 příklad: 166.626.xx.A2 + 16 = 166.626.16.A2

# Příslušenství pro pneumatické rozprašovací trysky

## Série 136.1 to 136.6

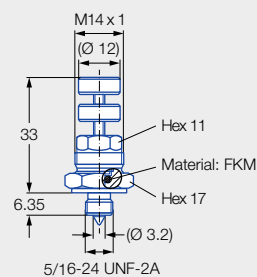
### Přehled příslušenství



### Regulační zařízení a uzavírací jehla

Umožňuje manuální regulaci průtoku a uzavření trysky.

Materiál: Nerezová ocel 303  
Váha: 33 g



### Objednací č.

Typ

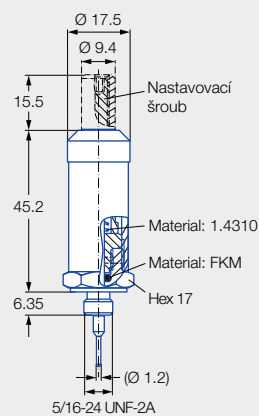
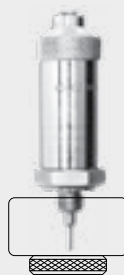
**013.600.16**

Vhodné pro všechny trysky série 136

### Regulační zařízení s rychločisticí jehlou

Umožňuje ruční regulaci průtoku a čištění otvoru trysky.

Materiál: Nerezová ocel 303  
Váha: 75 g



### Objednací č.

Typ

**013.601.16.30**

**013.602.16.30**

**013.603.16.30**

**013.604.16.30**

**013.605.16.30**

**013.606.16.30**

Pro trysky

136.xx1

136.xx2

136.xx3

136.xx4

136.xx5

136.xx6

Průměr jehly  
D  
[mm]

2.1

1.2

0.8

0.6

0.4

0.3

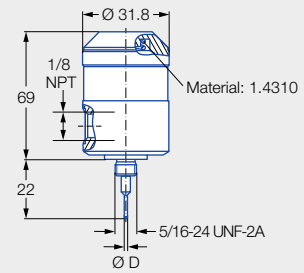




**Pneumaticky ovládaný ventil. Otevírací tlak 2,1 bar, max. 180 cyklů/min.**

Externí ovládací ventil, který má vlastní přívod stlačeného vzduchu pro zapínání a vypínání.

Materiál: Nerezová ocel 303  
Váha: 230 g



| Objednací č.         |            |                     |
|----------------------|------------|---------------------|
| Typ                  | Pro trysky | Průměr jehly D [mm] |
| <b>013.601.16.10</b> | 136.xx1    | 2.1                 |
| <b>013.602.16.10</b> | 136.xx2    | 1.2                 |
| <b>013.603.16.10</b> | 136.xx3    | 0.8                 |
| <b>013.604.16.10</b> | 136.xx4    | 0.6                 |
| <b>013.605.16.10</b> | 136.xx5    | 0.4                 |
| <b>013.606.16.10</b> | 136.xx6    | 0.3                 |

# ➤ Pneumatické rozprašovací trysky, plný kužel, nasávací princip, vnitřní směšování Série 140

## Vlastnosti:

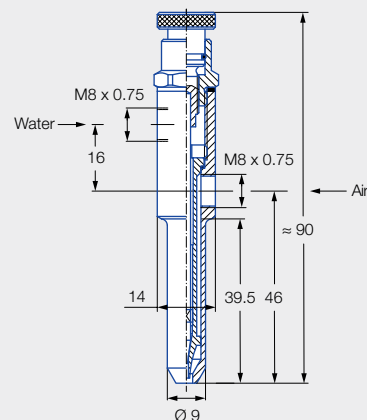
- Zvlášť jemné rozprašování ve formě plného kužele
- Nasávací princip
- Vnitřní směšování
- Integrované regulační zařízení
- Materiál: Mosaz

## Použití:

- Mazání
- Chlazení
- Zvlhčování vzduchu



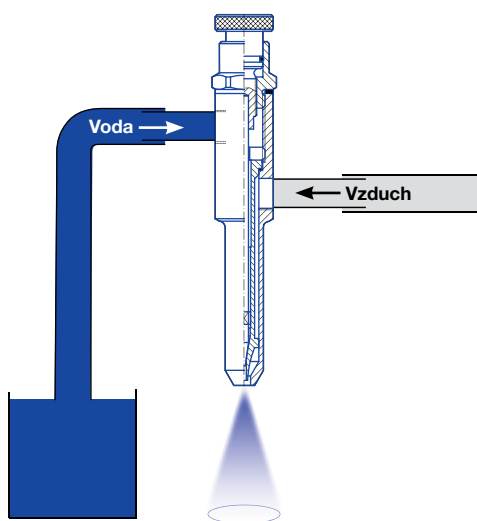
Série 140



| Mat. č. | Váha [g] |
|---------|----------|
| 30      | 70       |

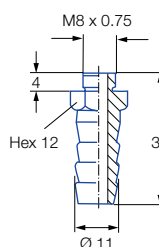
| Úhel rozstříku | Objednací č.<br>Typ | Nejužší průřez tryskou Ø [mm] |        | Hs sací výška [mm WS] | Průtok    |                                      |           |                                      |           |                                      |           |                                      |
|----------------|---------------------|-------------------------------|--------|-----------------------|-----------|--------------------------------------|-----------|--------------------------------------|-----------|--------------------------------------|-----------|--------------------------------------|
|                |                     | Voda                          | Vzduch |                       | 0.5       |                                      | 1.0       |                                      | 2.0       |                                      | 3.0       |                                      |
|                |                     |                               |        |                       | V W [l/h] | V <sub>n</sub> L [m <sup>3</sup> /h] | V W [l/h] | V <sub>n</sub> L [m <sup>3</sup> /h] | V W [l/h] | V <sub>n</sub> L [m <sup>3</sup> /h] | V W [l/h] | V <sub>n</sub> L [m <sup>3</sup> /h] |
| 20°-30°        | 140.252.30.01       | 0.50                          | 0.75   | 500                   | -         | -                                    | 4.50      | 4.00                                 | 8.00      | 6.00                                 | 10.50     | 8.00                                 |
|                |                     | 0.50                          | 0.75   | 200                   | 4.50      | 2.50                                 | 7.00      | 4.00                                 | 10.00     | 6.00                                 | 12.00     | 8.00                                 |

## Schéma montáže/Příslušenství



## Příslušenství:

- Těsnění  
**014.040.72**  
7.8 x 12 x 1 (EWP 210)
- Připoj na hadici  
**014.010.30.04**  
(Materiál: Mosaz)  
Váha: 17 g



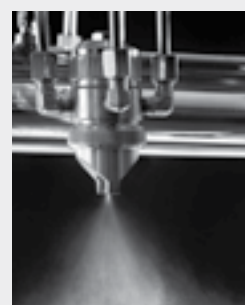
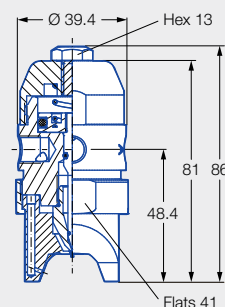
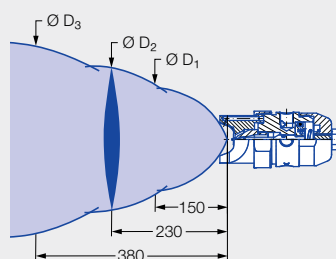
# ➤ Pneumatické trysky na rozprašování viskózních médií Série 176 ViscoMist

**ViscoMist Série umožňuje nezávislou regulaci rozprašovacího vzduchu i vzduchu vytvářejícího plochý paprsek. Úhel rozstříku a velikost kapek lze tak individuálně upravit.**

Integrovaná, pneumaticky ovládaná uzavírací/čistící jehla otevírá a zavírá trysku na průchodu kapaliny a také ji čistí při každém zavírání. To je zvláště výhodné při stříkání viskózních kapalin. Díky své modulární konstrukci lze trysky série ViscoMist optimálně přizpůsobit příslušnému procesu postřiku. K tomu stačí jednoduše vyměnit součásti trysky dle vhodného průtoku a tvaru paprsku. Tělo zůstává stejné.



Série 176 ViscoMist



## Trysky s vnějším směřováním pro rozstřík viskózních kaplin, např.:

- Procesy povrchových úprav
- Zvlhčující aplikace
- Mazání
- Glazování
- Desinfekce

## Jedna tryska - tři tvary paprsků:

- Tvar paprsku
  - Přímý paprsek
  - Plný kužel
  - Plochý paprsek
- Nezávislá regulace kapaliny, rozprašovacího vzduchu a vzduchu vytvářejícího tvar paprsku
- Možnost cirkulace kapaliny (tělo trysky s pěti připojeními)

## Velikosti trysek:

- Ø od 0.38 mm do 2.54 mm

## Pozice ventilu:

- Standartně uzavřený - při úniku tlakového vzduchu dojde k uzavření trysky

## Tlak řídicího vzduchu:

- Min. 2 bary, max. 3 bary

## Cykly za minutu:

- 180 cyklů/min (krátkodobě)

## Připojení-závit:

- 1/8 BSPP
- NPT závit - dostupný na vyžádání

## Váha:

- 550 g

## Materiál:

- 1Y (Nerezová ocel 316L)

## Rozsah průtoku:

- Voda: 7.8 až 307.0 l/h, při tlaku 2 bary
- Vzduch 7.5 až 28.4 m<sup>3</sup>/h v běžných podmínkách, při tlaku 2 bary

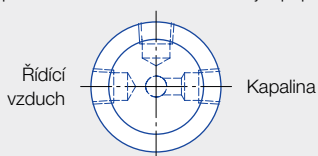
## Rozprašovací vzduch / Řídicí vzduch / Vzduch pro tvar paprsku:

- Rozprašovací vzduch způsobí atomizaci kapaliny v otvoru trysky. Vzduch pro tvar paprsku umožňuje přizpůsobení charakteristik postřiku k dané aplikaci. Tryska je spuštěna řídicím vzduchem.

## Konfigurace těla trysky

### Konfigurace těla trysky 2

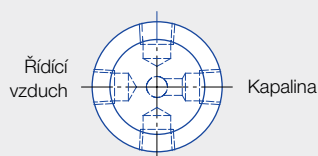
Rozprašovací Vzduch/Vzduch tvarující paprsek



Verze se třemi připojeními

### Konfigurace těla trysky 4

Rozprašovací Vzduch

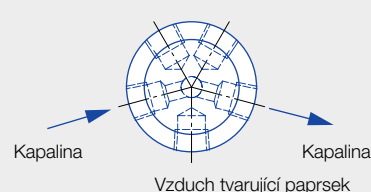


Verze se čtyřmi připojeními

### Konfigurace těla trysky 5

Řídicí vzduch

Rozprašovací vzduch



Verze s pěti připojeními







| Objednací č.   | Nejužší průřez tryskou Ø [mm] | Kapalina   |              | Vzduch                      |   |  | Rozměry paprsku [mm] ve vzdálenosti D <sub>1</sub> , D <sub>2</sub> a D <sub>3</sub> |                       |                                |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------------------------|--|--------------|-----------------------------|---|--|--|-----------------------|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  |                               | Tlak kapaliny p [bar]                                    | V voda [l/h] | Tlak vzduchu p Vzduch [bar] | Rozprašovací Vzduch [m <sup>3</sup> /h] | Vzduch tvarující pa-prsek Vzduch [m <sup>3</sup> /h] | Rozprašovací vzduch [bar]  | Tlak kapaliny p [bar] | Vzduch tvarující paprsek [bar] |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              |                             |   |  |  |                       | 0.70                           |                           |                           | 1.00                      |                           |                           | 1.40                      |                           |                           | 1.75                      |                           |                           | 2.00                      |                           |                           |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              |                             |   |  |  |                       | Ø D <sub>1</sub> = 150 mm      | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 176.206.1Y.11.00<br>176.406.1Y.11.00<br>176.506.1Y.11.00 | 1,70                          | 0.15   | 41.71        | 0.15                        | 1.53                                    | 2.04   | 1.00   | 0.35                  | 220                            | 330                       | 510                       | 280                       | 410                       | 610                       | 360                       | 460                       | 660                       | -                         | -                         | -                         | -                         | -                         | -                         |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 0.30   | 59.54        | 0.30                        | 2.24                                    | 2.94   |  | 0.70                  | 240                            | 360                       | 530                       | 330                       | 430                       | 660                       | 360                       | 510                       | 760                       | -                         | -                         | -                         | -                         | -                         | -                         |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 0.70   | 90.88        | 0.70                        | 3.47                                    | 4.60   |  | 1.00                  | 250                            | 360                       | 510                       | 300                       | 430                       | 610                       | 360                       | 510                       | 690                       | -                         | -                         | -                         | -                         | -                         | -                         |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 1.00   | 111.73       | 1.00                        | 4.35                                    | 5.81   |  | 1.50                  | -                              | -                         | -                         | 300                       | 380                       | 560                       | 330                       | 460                       | 610                       | -                         | -                         | -                         | -                         | -                         | -                         |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 1.35   | 128.99       | 1.35                        | 5.15                                    | 6.90   | 2.00   | 0.35                  | 150                            | 230                       | 330                       | 200                       | 280                       | 410                       | 230                       | 300                       | 460                       | 230                       | 330                       | 460                       | 250                       | 330                       | 430                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 1.70   | 144.21       | 1.70                        | 5.95                                    | 7.99   |  | 0.70                  | 180                            | 230                       | 300                       | 200                       | 250                       | 380                       | 230                       | 300                       | 460                       | 250                       | 360                       | 480                       | 280                       | 360                       | 510                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 2.00   | 157.91       | 2.00                        | 6.71                                    | 9.06   |  | 1.00                  | 150                            | 230                       | 330                       | 180                       | 250                       | 380                       | 230                       | 300                       | 430                       | 250                       | 330                       | 480                       | 280                       | 360                       | 530                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 2.40   | 170.48       | 2.40                        | 7.53                                    | 10.13  |  | 1.50                  | -                              | -                         | -                         | 180                       | 250                       | 360                       | 230                       | 280                       | 430                       | 250                       | 330                       | 510                       | 280                       | 360                       | 510                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 2.75   | 182.25       | 2.75                        | 8.27                                    | 11.21  | 2.75   | 0.35                  | 140                            | 180                       | 280                       | 180                       | 230                       | 300                       | 180                       | 250                       | 360                       | 200                       | 280                       | 410                       | 200                       | 280                       | 430                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 3.15   | 193.26       | 3.15                        | 9.07                                    | 12.27  |  | 0.70                  | 150                            | 200                       | 300                       | 180                       | 230                       | 330                       | 180                       | 250                       | 380                       | 200                       | 280                       | 410                       | 230                       | 300                       | 410                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 3.50   | 203.52       | 3.50                        | 9.91                                    | 13.32  |  | 1.00                  | 140                            | 180                       | 280                       | 180                       | 230                       | 330                       | 190                       | 230                       | 380                       | 200                       | 280                       | 410                       | 230                       | 300                       | 430                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 4.00   | 218.85       | 4.00                        | 11.13                                   | 15.12  |  | 1.50                  | 130                            | 180                       | 250                       | 150                       | 200                       | 330                       | 180                       | 250                       | 380                       | 200                       | 280                       | 430                       | 230                       | 330                       | 480                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 176.207.1Y.11.00<br>176.407.1Y.11.00<br>176.507.1Y.11.00 | 2,05         | 0.15                        | 59.20                                   | 0.15   | 3.64   | 3.36                  | 1.00                           | 0.35                      | 200                       | 280                       | 410                       | 280                       | 360                       | 480                       | 330                       | 430                       | 530                       | 330                       | 480                       | 690                       | 410                       | 480 | 660 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              | 0.30                        | 84.97                                   | 0.30   | 5.37   | 4.91                  |                                | 0.70                      | 200                       | 280                       | 410                       | 280                       | 360                       | 480                       | 300                       | 410                       | 580                       | 360                       | 460                       | 710                       | 410                       | 530 | 760 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              | 0.70                        | 129.79                                  | 0.70   | 8.53   | 7.87                  |                                | 1.00                      | 150                       | 230                       | 360                       | 230                       | 300                       | 460                       | 280                       | 360                       | 530                       | 300                       | 430                       | 610                       | 360                       | 510 | 740 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              | 1.00                        | 159.42                                  | 1.00   | 10.84  | 10.08                 |                                | 1.50                      | -                         | -                         | -                         | -                         | -                         | -                         | -                         | -                         | -                         | -                         | -                         | -                         | -                         | -   | -   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.35   | 184.59                        |  |              | 1.35                        | 12.98                                   | 12.16  | 2.00   | 0.35                  | 100                            | 140                       | 220                       | 140                       | 190                       | 280                       | 180                       | 230                       | 360                       | 230                       | 280                       | 380                       | 250                       | 330                       | 480                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.70   | 206.70                        |  |              | 1.70                        | 14.92                                   | 14.07  |  | 0.70                  | 100                            | 150                       | 230                       | 140                       | 190                       | 280                       | 180                       | 250                       | 380                       | 200                       | 280                       | 410                       | 250                       | 330                       | 480                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.00   | 226.76                        |  |              | 2.00                        | 16.91                                   | 15.97  |  | 1.00                  | 100                            | 150                       | 250                       | 130                       | 180                       | 280                       | 170                       | 220                       | 330                       | 200                       | 280                       | 410                       | 240                       | 300                       | 480                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.40   | 245.27                        |  |              | 2.40                        | 18.94                                   | 17.69  |  | 1.50                  | -                              | -                         | -                         | -                         | -                         | -                         | 150                       | 230                       | 330                       | 190                       | 250                       | 380                       | 230                       | 300                       | 430                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.75   | 262.64                        |  |              | 2.75                        | 20.86                                   | 19.64  | 2.75   | 0.35                  | 90                             | 130                       | 180                       | 110                       | 170                       | 250                       | 150                       | 200                       | 300                       | 180                       | 230                       | 330                       | 200                       | 280                       | 380                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.15   | 279.03                        |  |              | 3.15                        | 22.82                                   | 21.53  |  | 0.70                  | 90                             | 130                       | 200                       | 130                       | 170                       | 250                       | 150                       | 200                       | 300                       | 180                       | 230                       | 360                       | 200                       | 280                       | 410                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.50   | 293.98                        |  |              | 3.50                        | 24.72                                   | 23.33  |  | 1.00                  | 90                             | 110                       | 180                       | 120                       | 150                       | 250                       | 140                       | 190                       | 300                       | 170                       | 230                       | 330                       | 200                       | 280                       | 380                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.00   | 317.15                        |  |              | 4.00                        | 27.80                                   | 26.33  |  | 1.50                  | 90                             | 130                       | 200                       | 110                       | 150                       | 250                       | 140                       | 200                       | 300                       | 150                       | 230                       | 360                       | 200                       | 280                       | 380                       |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              |                             |   |  |  |                       |                                |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              |                             |   |  |  |                       |                                |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              |                             |   |  |  |                       |                                |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |  |              |                             |   |  |  |                       |                                |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |





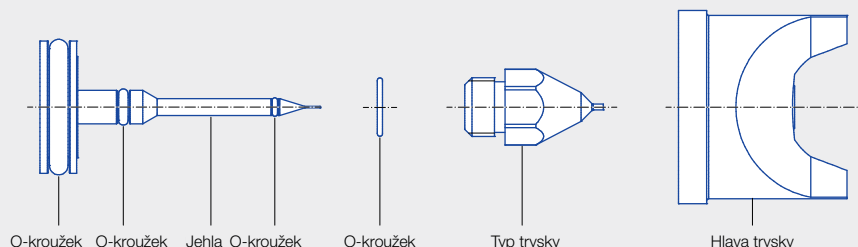
| Objednací č.   | Nejužší průřez tryskou Ø [mm] | Kapalina              |              | Vzduch                      |   |   | Rozměry paprsku [mm] ve vzdálenosti D <sub>1</sub> , D <sub>2</sub> a D <sub>3</sub> |                       |                                |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |
|--|-------------------------------|-----------------------|--------------|-----------------------------|---|---|--|-----------------------|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|  |                               | Tlak kapaliny p [bar] | V voda [l/h] | Tlak vzduchu p Vzduch [bar] | Rozprašovací Vzduch [m <sup>3</sup> /h] | Vzduch tvarující paprsek Vzduch [m <sup>3</sup> /h] | Rozprašovací vzduch [bar]  | Tlak kapaliny p [bar] | Vzduch tvarující paprsek [bar] |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |                           |
|  |                               |                       |              |                             |   |   |  |                       | 0.70                           |                           |                           | 1.00                      |                           |                           | 1.40                      |                           |                           | 1.75                      |                           |                           | 2.00                      |                           |                           |
|  |                               |                       |              |                             |   |   |  |                       | Ø D <sub>1</sub> = 150 mm      | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm | Ø D <sub>1</sub> = 150 mm | Ø D <sub>2</sub> = 230 mm | Ø D <sub>3</sub> = 380 mm |
| 176.208.1Y.11.00<br>176.408.1Y.11.00<br>176.508.1Y.11.00 | 2.36                          | 0.15                  | 97.20        | 0.15                        | 3.84                                    | 4.40  | 1.00   | 0.35                  | 190                            | 280                       | 430                       | 280                       | 360                       | 610                       | 300                       | 460                       | 710                       | -                         | -                         | -                         | -                         | -                         | -                         |
|  |                               | 0.30                  | 114.76       | 0.30                        | 4.64                                    | 5.28  |  | 0.70                  | 190                            | 280                       | 430                       | 250                       | 360                       | 610                       | 330                       | 480                       | 760                       | -                         | -                         | -                         | -                         | -                         | -                         |
|  |                               | 0.70                  | 162.98       | 0.70                        | 6.80                                    | 7.87  |  | 1.00                  | -                              | -                         | -                         | 230                       | 330                       | 560                       | 300                       | 430                       | 690                       | -                         | -                         | -                         | -                         | -                         | -                         |
|  |                               | 1.00                  | 199.13       | 1.00                        | 8.63                                    | 10.08   |  | 1.50                  | -                              | -                         | -                         | 250                       | 360                       | 530                       | 300                       | 380                       | 580                       | -                         | -                         | -                         | -                         | -                         | -                         |
|  |                               | 1.35                  | 229.60       | 1.35                        | 10.21                                   | 12.16   | 2.00   | 0.35                  | 110                            | 190                       | 300                       | 170                       | 250                       | 360                       | 200                       | 280                       | 410                       | 230                       | 330                       | 460                       | 280                       | 460                       | 560                       |
|  |                               | 1.70                  | 256.24       | 1.70                        | 11.86                                   | 14.07   |  | 0.70                  | 110                            | 180                       | 250                       | 170                       | 230                       | 360                       | 220                       | 280                       | 410                       | 230                       | 360                       | 510                       | 270                       | 380                       | 530                       |
|  |                               | 2.00                  | 280.70       | 2.00                        | 13.37                                   | 15.97   |  | 1.00                  | 110                            | 170                       | 230                       | 140                       | 200                       | 330                       | 190                       | 250                       | 410                       | 230                       | 300                       | 480                       | 280                       | 380                       | 610                       |
|  |                               | 2.40                  | 302.99       | 2.40                        | 14.99                                   | 17.69   |  | 1.50                  | -                              | -                         | -                         | 150                       | 200                       | 330                       | 200                       | 280                       | 380                       | 220                       | 300                       | 460                       | 270                       | 380                       | 560                       |
|  |                               | 2.75                  | 324.03       | 2.75                        | 16.33                                   | 19.64   | 2.75   | 0.35                  | 110                            | 170                       | 230                       | 140                       | 190                       | 280                       | 170                       | 250                       | 360                       | 200                       | 280                       | 380                       | 250                       | 360                       | 460                       |
|  |                               | 3.15                  | 343.22       | 3.15                        | 17.99                                   | 21.53   |  | 0.70                  | 100                            | 150                       | 230                       | 140                       | 200                       | 300                       | 170                       | 240                       | 360                       | 200                       | 280                       | 430                       | 230                       | 330                       | 480                       |
|  |                               | 3.50                  | 361.32       | 3.50                        | 19.27                                   | 23.33   |  | 1.00                  | 100                            | 140                       | 200                       | 130                       | 180                       | 280                       | 170                       | 230                       | 380                       | 200                       | 280                       | 410                       | 230                       | 330                       | 480                       |
|  |                               | 4.00                  | 388.72       | 4.00                        | 21.73                                   | 26.33   |  | 1.50                  | 90                             | 130                       | 200                       | 130                       | 180                       | 280                       | 150                       | 220                       | 360                       | 190                       | 280                       | 460                       | 230                       | 320                       | 460                       |
|  |                               | 4.00                  | 388.72       | 4.00                        | 21.73                                   | 26.33   | 4.00   | 0.35                  | 90                             | 110                       | 180                       | 110                       | 150                       | 220                       | 140                       | 190                       | 300                       | 150                       | 220                       | 300                       | 190                       | 300                       | 410                       |
|  |                               | 0.70                  | 361.32       | 3.50                        | 19.27                                   | 23.33   |  | 0.70                  | 90                             | 110                       | 190                       | 130                       | 170                       | 230                       | 140                       | 200                       | 300                       | 170                       | 230                       | 330                       | 200                       | 270                       | 430                       |
|  |                               | 1.00                  | 343.22       | 3.15                        | 17.99                                   | 21.53   |  | 1.00                  | 90                             | 110                       | 170                       | 110                       | 150                       | 220                       | 130                       | 200                       | 300                       | 150                       | 230                       | 360                       | 180                       | 280                       | 430                       |
| 1.50   | 324.03                        | 2.75                  | 16.33        | 19.64                       | 1.50                                    | -   |  | -                     | -                              | 110                       | 150                       | 220                       | 140                       | 200                       | 300                       | 150                       | 220                       | 360                       | 190                       | 250                       | 410                       |                           |                           |
| 176.209.1Y.11.00<br>176.409.1Y.11.00<br>176.509.1Y.11.00 | 2.54                          | 0.15                  | 82.06        | 0.15                        | 1.87                                    | 3.36  | 1.00   | 0.35                  | 200                            | 300                       | 460                       | 280                       | 380                       | 610                       | 330                       | 460                       | 710                       | 410                       | 530                       | 760                       | 460                       | 660                       | 810                       |
|  |                               | 0.30                  | 119.53       | 0.30                        | 3.77                                    | 4.91  |  | 0.70                  | 200                            | 280                       | 430                       | 280                       | 410                       | 610                       | 330                       | 480                       | 690                       | 410                       | 560                       | 740                       | 460                       | 640                       | 810                       |
|  |                               | 0.69                  | 180.05       | 0.69                        | 6.58                                    | 7.87  |  | 1.00                  | -                              | -                         | -                         | -                         | -                         | -                         | 300                       | 460                       | 690                       | 410                       | 510                       | 690                       | 430                       | 580                       | 810                       |
|  |                               | 1.03                  | 221.23       | 1.03                        | 8.50                                    | 10.08   |  | 1.50                  | -                              | -                         | -                         | -                         | -                         | -                         | 300                       | 460                       | 690                       | 380                       | 530                       | 760                       | 430                       | 580                       | 810                       |
|  |                               | 1.38                  | 255.60       | 1.38                        | 10.13                                   | 12.16   | 2.00   | 0.35                  | 130                            | 200                       | 300                       | 180                       | 250                       | 380                       | 200                       | 280                       | 460                       | 250                       | 330                       | 510                       | 280                       | 360                       | 560                       |
|  |                               | 1.72                  | 285.50       | 1.72                        | 11.57                                   | 14.07   |  | 0.70                  | 130                            | 180                       | 280                       | 170                       | 230                       | 360                       | 200                       | 280                       | 460                       | 230                       | 330                       | 560                       | 280                       | 380                       | 610                       |
|  |                               | 2.07                  | 312.94       | 2.07                        | 13.13                                   | 15.97   |  | 1.00                  | 100                            | 170                       | 280                       | 170                       | 230                       | 360                       | 200                       | 280                       | 430                       | 230                       | 330                       | 510                       | 280                       | 380                       | 560                       |
|  |                               | 2.41                  | 338.83       | 2.41                        | 14.71                                   | 17.69   |  | 1.50                  | -                              | -                         | -                         | -                         | -                         | -                         | 200                       | 250                       | 430                       | 230                       | 300                       | 460                       | 250                       | 380                       | 560                       |
|  |                               | 2.76                  | 362.49       | 2.76                        | 16.26                                   | 19.64   | 2.75   | 0.35                  | 100                            | 150                       | 230                       | 150                       | 200                       | 330                       | 170                       | 230                       | 410                       | 200                       | 280                       | 460                       | 240                       | 360                       | 510                       |
|  |                               | 3.10                  | 384.75       | 3.10                        | 17.75                                   | 21.53   |  | 0.70                  | 100                            | 150                       | 230                       | 140                       | 190                       | 300                       | 180                       | 240                       | 410                       | 200                       | 280                       | 460                       | 230                       | 360                       | 560                       |
|  |                               | 3.45                  | 405.71       | 3.45                        | 19.33                                   | 23.33   |  | 1.00                  | 90                             | 140                       | 230                       | 140                       | 190                       | 300                       | 180                       | 250                       | 410                       | 200                       | 280                       | 460                       | 250                       | 360                       | 560                       |
|  |                               | 4.00                  | 436.86       | 4.00                        | 21.83                                   | 26.33   |  | 1.50                  | 100                            | 140                       | 200                       | 140                       | 190                       | 300                       | 180                       | 250                       | 410                       | 200                       | 280                       | 460                       | 230                       | 330                       | 510                       |
|  |                               | 4.00                  | 436.86       | 4.00                        | 21.83                                   | 26.33   | 4.00   | 0.35                  | 100                            | 140                       | 200                       | 130                       | 180                       | 250                       | 140                       | 190                       | 280                       | 180                       | 250                       | 360                       | 190                       | 250                       | 410                       |
|  |                               | 0.70                  | 405.71       | 3.45                        | 19.33                                   | 23.33   |  | 0.70                  | 90                             | 130                       | 200                       | 130                       | 180                       | 280                       | 150                       | 200                       | 300                       | 170                       | 230                       | 360                       | 200                       | 280                       | 410                       |
|  |                               | 1.00                  | 384.75       | 3.10                        | 17.75                                   | 21.53   |  | 1.00                  | 90                             | 130                       | 180                       | 110                       | 150                       | 250                       | 140                       | 200                       | 300                       | 180                       | 230                       | 410                       | 200                       | 280                       | 460                       |
| 1.50   | 362.49                        | 2.76                  | 16.26        | 19.64                       | 1.50                                    | -   |  | -                     | -                              | 110                       | 150                       | 250                       | 140                       | 180                       | 300                       | 170                       | 230                       | 410                       | 190                       | 280                       | 460                       |                           |                           |

**Upozornění:**

Čtvrtá číslice v objednací čísle (2, 4 nebo 5) označuje variantu těla trysky (podrobnosti Na str. 54).

# ➤ Sady náhradních dílů pro pneumatické rozprašovací trysky Série 176 ViscoMist

## Přehled náhradních dílů trysky



## Sada vnitřních náhradních dílů trysky

Sada náhradních dílů pro výměnu hlavních opotřebitelných dílů trysky sestávající z:

- Jehla (Nerezová ocel 316L)
- O-kroužek (Viton)
- Typ trysky (Nerezová ocel 316L)

| Objednací č.         | Nejužší průřez tryskou<br>Ø<br>[mm] | Pro trysky       |
|----------------------|-------------------------------------|------------------|
| Typ                  |                                     |                  |
| <b>017.601.1Y.01</b> | 0.38                                | 176.xx1.1Y.11.00 |
| <b>017.602.1Y.01</b> | 0.58                                | 176.xx2.1Y.11.00 |
| <b>017.603.1Y.01</b> | 0.79                                | 176.xx3.1Y.11.00 |
| <b>017.604.1Y.01</b> | 1.07                                | 176.xx4.1Y.11.00 |
| <b>017.605.1Y.01</b> | 1.32                                | 176.xx5.1Y.11.00 |
| <b>017.606.1Y.01</b> | 1.32                                | 176.xx6.1Y.11.00 |
| <b>017.607.1Y.01</b> | 2.05                                | 176.xx7.1Y.11.00 |
| <b>017.608.1Y.01</b> | 2.36                                | 176.xx8.1Y.11.00 |
| <b>017.609.1Y.01</b> | 2.54                                | 176.xx9.1Y.11.00 |

## Kompletní sada náhradních dílů

Kompletní sada pro výměnu hlavních opotřebitelných dílů trysky a hlavy trysky, sestávající z:

- Jehla (Nerezová ocel 316L)
- O-kroužek (Viton)
- Typ trysky (Nerezová ocel 316L)
- Hlava trysky (Nerezová ocel 316L)

| Objednací č.         | Nejužší průřez tryskou<br>Ø<br>[mm] | Pro trysky       |
|----------------------|-------------------------------------|------------------|
| Typ                  |                                     |                  |
| <b>017.601.1Y.00</b> | 0.38                                | 176.xx1.1Y.11.00 |
| <b>017.602.1Y.00</b> | 0.58                                | 176.xx2.1Y.11.00 |
| <b>017.603.1Y.00</b> | 0.79                                | 176.xx3.1Y.11.00 |
| <b>017.604.1Y.00</b> | 1.07                                | 176.xx4.1Y.11.00 |
| <b>017.605.1Y.00</b> | 1.32                                | 176.xx5.1Y.11.00 |
| <b>017.606.1Y.00</b> | 1.32                                | 176.xx6.1Y.11.00 |
| <b>017.607.1Y.00</b> | 2.05                                | 176.xx7.1Y.11.00 |
| <b>017.608.1Y.00</b> | 2.36                                | 176.xx8.1Y.11.00 |
| <b>017.609.1Y.00</b> | 2.54                                | 176.xx9.1Y.11.00 |

### Upozornění:

Návod na výměnu jednotlivých nebo všech součástí trysky je součástí dodávky sad náhradních dílů a power set.

## O-kroužek

| Objednací č.            |         | Skládá se ze 4 O-kroužků, vhodné pro všechny trysky série 176 |
|-------------------------|---------|---|
| Typ                     | Mat. č. |   |
|                         | 7A      |   |
|                         | Viton   | EPDM  |
| <b>017.600.xx.01.03</b> | ●       | ●   |

Viton (7A) je standardní materiál o-kroužku.  
EPDM (6C) je volitelně k dispozici.

Objednání Typ + Materiál č. = Objednací č.  
příklad: 017.600.xx.01.03 + 7A = 017.600.7A.01.03