

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

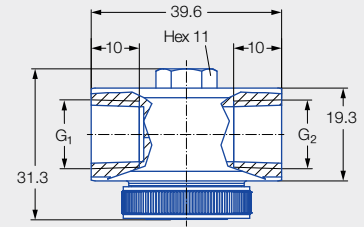
## Série 136.3

### Vlastnosti:

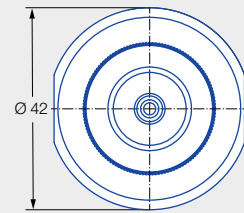
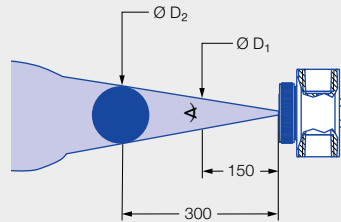
- Zvlášť jemné rozprašování ve formě plného kužele
- Nasávací princip
- Vnější směšování

### 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 |                    |                       |                       |     |     |     |
|------|----------------|------|-------------------------------|---------|------------------------------------|-----------------------|------|------|--------------------|------|------|-----------------|--------------------|-----------------------|-----------------------|-----|-----|-----|
|      | 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 | -    | -              | -                  | -                     | -                     | -   | -    |      |     |     |
|      |               |                    |                               |                   | 20°     | 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  |
| 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 | Objednací 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 [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  | -     | -               | -       | -                  |                       |                       |         |                                    |
|      | 136.351.xx.A2 | ●                  | ●                             | 2.50              | 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. = Objednací č.  
 příklad: 136.342.xx.A2 + 1Y = 136.342.1Y.A2