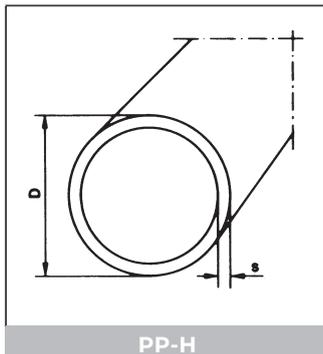




buizen  
tuyaux  
pipes

PP-H



DRUKBUIS - GRIJS RAL 7032  
TUYAUX DE PRESSION - GRIS RAL 7032  
PRESSURE PIPE - GREY RAL 7032

$$S = \frac{1}{2} \left( \frac{D}{s} - 1 \right)$$

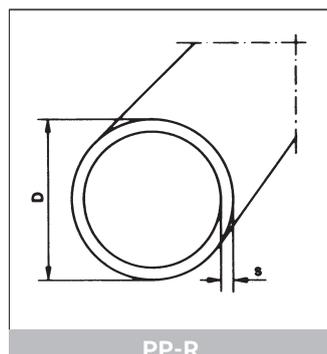
$$\text{Standard Dimension Ratio: } SDR = 2 S + 1 = \frac{D}{s}$$

L = 5 m. andere lengten op aanvraag  
Volgens DIN 8077/78 type 1 ; ISO R161/1-1978

L = 5 m. autres longueurs sur demande  
Selon DIN 8077/78 type 1 ; ISO R161/1-1978

L = 5 m. other lengths on request  
According to DIN 8077/78 type 1 ; ISO R161/1-1978

| D    | S 20<br>SDR 41<br>PN 2.5 |        |         | S 16<br>SDR 33<br>PN 3.2 |        |         | S 12.5<br>SDR 26<br>PN 4 |        |         | S 8.3<br>SDR 17.6<br>PN 6 |       |        | S 5<br>SDR 11<br>PN 10 |       |        | S 3.2<br>SDR 7.4<br>PN 16 |      |     |
|------|--------------------------|--------|---------|--------------------------|--------|---------|--------------------------|--------|---------|---------------------------|-------|--------|------------------------|-------|--------|---------------------------|------|-----|
|      | s                        | KG/M   | €/M     | s                        | KG/M   | €/M     | s                        | KG/M   | €/M     | S                         | KG/M  | €/M    | S                      | KG/M  | €/M    | S                         | KG/M | €/M |
| 12   |                          |        |         |                          |        |         |                          |        |         |                           |       |        |                        |       |        |                           |      |     |
| 16   |                          |        |         |                          |        |         |                          |        |         |                           |       |        | 1.8                    | 0.08  | 1.26   |                           |      |     |
| 20   |                          |        |         |                          |        |         |                          |        |         |                           |       |        | 1.9                    | 0.11  | 1.83   |                           |      |     |
| 25   |                          |        |         |                          |        |         |                          |        |         |                           |       |        | 2.3                    | 0.16  | 2.57   |                           |      |     |
| 32   |                          |        |         |                          |        |         |                          |        |         |                           |       |        |                        |       |        |                           |      |     |
| 40   |                          |        |         |                          |        |         | 1.8                      | 0.21   | 2.74    | 2.3                       | 0.27  | 3.28   | 2.9                    | 0.26  | 4.11   |                           |      |     |
| 50   |                          |        |         |                          |        |         | 2.0                      | 0.30   | 3.84    | 2.9                       | 0.42  | 5.10   | 4.6                    | 0.63  | 7.61   |                           |      |     |
| 63   |                          |        |         |                          |        |         | 2.5                      | 0.47   | 6.02    | 3.6                       | 0.66  | 7.86   | 5.8                    | 1.01  | 12.02  |                           |      |     |
| 75   |                          |        |         | 2.3                      | 0.52   | 7.48    | 2.9                      | 0.64   | 8.57    | 4.3                       | 0.92  | 11.16  | 6.8                    | 1.40  | 16.98  |                           |      |     |
| 90   |                          |        |         | 2.8                      | 0.76   | 10.21   | 3.5                      | 0.93   | 11.87   | 5.1                       | 1.32  | 15.76  | 8.2                    | 2.02  | 24.00  |                           |      |     |
| 110  | 2.7                      | 0.90   | 10.77   | 3.4                      | 1.11   | 15.65   | 4.2                      | 1.36   | 17.93   | 6.3                       | 1.98  | 23.62  | 10.0                   | 3.01  | 35.73  |                           |      |     |
| 125  | 3.1                      | 1.17   | 14.15   | 3.9                      | 1.45   | 19.54   | 4.8                      | 1.76   | 22.50   | 7.1                       | 2.54  | 30.26  | 11.4                   | 3.89  | 46.23  |                           |      |     |
| 140  | 3.5                      | 1.48   | 17.54   | 4.3                      | 1.78   | 24.83   | 5.4                      | 2.21   | 28.27   | 8.0                       | 3.20  | 37.90  | 12.7                   | 4.87  | 58.00  |                           |      |     |
| 160  | 4.0                      | 1.91   | 22.18   | 4.9                      | 2.32   | 31.93   | 6.2                      | 2.89   | 36.94   | 9.1                       | 4.15  | 49.32  | 14.6                   | 6.38  | 75.62  |                           |      |     |
| 180  | 4.4                      | 2.36   | 28.15   | 5.5                      | 2.94   | 40.22   | 6.9                      | 3.63   | 47.37   | 10.2                      | 5.22  | 62.04  | 16.4                   | 8.05  | 95.39  |                           |      |     |
| 200  | 4.9                      | 2.92   | 34.66   | 6.2                      | 3.65   | 49.53   | 7.7                      | 4.50   | 57.52   | 11.4                      | 6.47  | 76.86  | 18.2                   | 9.92  | 117.97 |                           |      |     |
| 225  | 5.5                      | 3.70   | 43.75   | 6.9                      | 4.57   | 62.57   | 8.6                      | 5.65   | 72.94   | 12.8                      | 8.19  | 96.93  | 20.5                   | 12.60 | 149.30 |                           |      |     |
| 250  | 6.2                      | 4.59   | 53.94   | 7.7                      | 5.67   | 77.27   | 9.6                      | 6.99   | 92.07   | 14.2                      | 10.10 | 119.81 | 22.7                   | 15.50 | 183.98 |                           |      |     |
| 280  | 6.9                      | 5.73   | 70.97   | 8.6                      | 7.09   | 96.57   | 10.7                     | 8.72   | 111.41  | 15.9                      | 12.60 | 149.30 | 25.4                   | 19.40 | 230.21 |                           |      |     |
| 315  | 7.7                      | 7.19   | 85.10   | 9.7                      | 8.97   | 122.08  | 12.1                     | 11.10  | 143.29  | 17.9                      | 16.00 | 189.79 | 28.6                   | 24.60 | 291.58 |                           |      |     |
| 355  | 8.7                      | 9.14   | 108.13  | 10.9                     | 11.30  | 155.31  | 13.6                     | 14.00  | 178.92  | 20.1                      | 20.20 | 239.53 |                        |       |        |                           |      |     |
| 400  | 9.8                      | 11.60  | 145.23  | 12.3                     | 14.40  | 194.83  | 15.3                     | 17.70  | 228.93  | 22.7                      | 25.70 | 304.87 |                        |       |        |                           |      |     |
| 450  | 11.0                     | 14.60  | 183.11  | 13.8                     | 18.20  | 254.81  | 17.2                     | 22.40  | 289.71  | 25.5                      | 32.50 | 402.20 |                        |       |        |                           |      |     |
| 500  | 12.3                     | 18.10  | 226.98  | 15.3                     | 22.30  | 312.95  | 19.1                     | 27.60  | 358.15  | 28.3                      | 40.10 | 496.22 |                        |       |        |                           |      |     |
| 560  | 13.7                     | 22.60  | 277.24  | 17.2                     | 28.10  | 390.63  | 21.4                     | 34.60  | 442.14  | 31.7                      | 50.30 | 622.42 |                        |       |        |                           |      |     |
| 630  | 15.4                     | 28.50  | 348.75  | 19.3                     | 35.50  | 479.96  | 24.1                     | 43.90  | 560.94  | 35.7                      | 63.70 | 788.26 |                        |       |        |                           |      |     |
| 710  | 17.4                     | 36.30  | 628.47  | 21.8                     | 45.20  | 793.73  | 27.2                     | 55.80  | 1174.59 |                           |       |        |                        |       |        |                           |      |     |
| 800  | 19.6                     | 46.10  | 795.98  | 24.5                     | 57.20  | 1003.01 | 30.6                     | 70.80  | 1251.09 |                           |       |        |                        |       |        |                           |      |     |
| 900  | 22.0                     | 58.20  | 1076.51 | 27.6                     | 72.50  | 1457.30 | 34.4                     | 89.40  | 1560.00 |                           |       |        |                        |       |        |                           |      |     |
| 1000 | 24.5                     | 72.00  | 1331.75 | 30.6                     | 89.20  | 1781.57 | 38.2                     | 110.00 | 1919.47 |                           |       |        |                        |       |        |                           |      |     |
| 1200 | 29.4                     | 103.00 | 2009.87 | 36.7                     | 128.00 | 2680.55 |                          |        |         |                           |       |        |                        |       |        |                           |      |     |
| 1400 | 34.3                     | 141.00 | 2885.10 |                          |        |         |                          |        |         |                           |       |        |                        |       |        |                           |      |     |



DRUKBUIS - GRIJS RAL 7032  
 TUYAUX DE PRESSION - GRIS RAL 7032  
 PRESSURE PIPE - GREY RAL 7032

$$S = \frac{1}{2} \left( \frac{D}{S} - 1 \right)$$

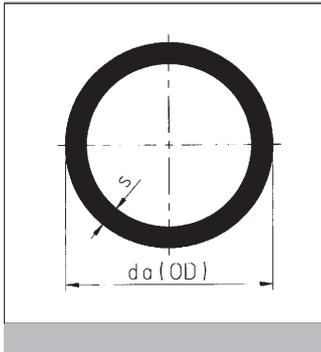
$$\text{Standard Dimension Ratio: } SDR = 2 S + 1 = \frac{D}{S}$$

L = 5 m. andere lengten op aanvraag  
 Volgens DIN 8077/78 type 1 ; ISO R161/1-1978

L = 5 m. autres longueurs sur demande  
 Selon DIN 8077/78 type 1 ; ISO R161/1-1978

L = 5 m. other lengths on request  
 According to DIN 8077/78 type 1 ; ISO R161/1-1978

| D   | S 8.3<br>SDR 17.6<br>PN 6 |         |         | S 5<br>SDR 11<br>PN 10 |       |        | S 3.2<br>SDR 7.4<br>PN 16 |      |        |
|-----|---------------------------|---------|---------|------------------------|-------|--------|---------------------------|------|--------|
|     | S                         | KG/M    | €/M     | S                      | KG/M  | €/M    | S                         | KG/M | €/M    |
| 20  |                           |         |         | 1.9                    | 0.11  | 1.83   | 2.8                       | 0.15 | 2.34   |
| 25  |                           |         |         | 2.3                    | 0.16  | 2.66   | 3.5                       | 0.23 | 3.60   |
| 32  | 1.9                       | 0.171   | 2.83    | 2.9                    | 0.26  | 4.29   | 4.4                       | 0.37 | 5.77   |
| 40  | 2.3                       | 0.273   | 3.46    | 3.7                    | 0.41  | 5.19   | 5.5                       | 0.58 | 7.96   |
| 50  | 2.9                       | 0.422   | 5.33    | 4.6                    | 0.64  | 8.08   | 6.9                       | 0.90 | 12.01  |
| 63  | 3.6                       | 0.659   | 8.34    | 5.8                    | 1.01  | 12.72  | 8.6                       | 1.41 | 19.19  |
| 75  | 4.3                       | 0.936   | 11.85   | 6.8                    | 1.40  | 17.64  | 10.3                      | 2.00 | 26.67  |
| 90  | 5.1                       | 1.320   | 16.70   | 8.2                    | 2.03  | 25.57  | 12.3                      | 2.86 | 38.14  |
| 110 | 6.3                       | 1.980   | 25.05   | 10.0                   | 3.01  | 37.92  | 15.1                      | 4.29 | 57.21  |
| 125 | 7.1                       | 2.540   | 32.13   | 11.4                   | 3.91  | 49.27  | 17.1                      | 5.52 | 73.62  |
| 140 | 8.0                       | 3.200   | 40.48   | 12.7                   | 4.87  | 61.37  | 19.2                      | 6.95 | 92.69  |
| 160 | 9.1                       | 4.150   | 52.49   | 14.6                   | 6.39  | 80.52  | 21.9                      | 9.04 | 120.56 |
| 180 | 10.2                      | 5.220   | 66.02   | 16.4                   | 8.07  | 101.68 |                           |      |        |
| 200 | 11.4                      | 6.470   | 81.84   | 18.2                   | 9.95  | 125.37 |                           |      |        |
| 225 | 12.8                      | 8.190   | 103.59  | 20.5                   | 12.59 | 158.63 |                           |      |        |
| 250 | 14.2                      | 10.100  | 127.76  | 22.7                   | 15.48 | 195.02 |                           |      |        |
| 280 | 15.9                      | 12.600  | 159.36  | 25.4                   | 19.40 | 244.42 |                           |      |        |
| 315 | 17.9                      | 16.000  | 202.38  | 28.6                   | 24.55 | 309.32 |                           |      |        |
| 355 |                           |         |         | 32.2                   | 31.10 | 391.81 |                           |      |        |
| 400 |                           |         |         | 36.3                   | 39.50 | 497.66 |                           |      |        |
| 450 |                           |         |         | 40.9                   | 50.10 | 652.54 |                           |      |        |
| 500 |                           |         |         | 45.4                   | 61.80 | 804.92 |                           |      |        |
| 710 | 40.2                      | 80.700  | 1285.95 |                        |       |        |                           |      |        |
| 800 | 45.3                      | 103.000 | 1641.30 |                        |       |        |                           |      |        |



DRUKBUIS  
 TUYAU DE PRESSION  
 PRESSURE PIPE

GRIJS. ZONDER VOORBEHANDELING  
 GRIS . SANS TRAITEMENT  
 GREY. WITHOUT PRE-TREATMENT

**L = 5.2 m**  
**SDR 9**

| da | s   | KG/M | €/M  |
|----|-----|------|------|
| 32 | 3.6 | 0.31 | 4.64 |

**L = 6.2 m**  
**SDR 11**

| da | s   | KG/M | €/M   |
|----|-----|------|-------|
| 40 | 3.7 | 0.41 | 5.93  |
| 50 | 4.6 | 0.64 | 9.19  |
| 63 | 5.8 | 1.01 | 14.57 |

**SDR 17.6**

| da  | s   | KG/M | €/M   |
|-----|-----|------|-------|
| 75  | 4.5 | 0.97 | 14.05 |
| 90  | 5.1 | 1.32 | 18.62 |
| 110 | 6.3 | 1.98 | 27.86 |

**SDR 26**

| da  | s   | KG/M | €/M   |
|-----|-----|------|-------|
| 125 | 4.8 | 1.77 | 24.70 |

**SDR 33**

| da  | s   | KG/M | €/M   |
|-----|-----|------|-------|
| 160 | 4.9 | 2.32 | 32.49 |

**SDR 41**

| da  | s   | KG/M | €/M   |
|-----|-----|------|-------|
| 200 | 4.9 | 2.92 | 40.85 |
| 250 | 6.2 | 4.59 | 64.80 |

**Ventilatie / ventilation**

| da  | s   | KG/M  | €/M    |
|-----|-----|-------|--------|
| 315 | 5.0 | 4.47  | 68.34  |
| 355 | 6.0 | 6.38  | 92.01  |
| 400 | 6.0 | 7.20  | 103.82 |
| 500 | 8.0 | 11.90 | 176.65 |

Fittingen : zie hoofdstuk I-PP

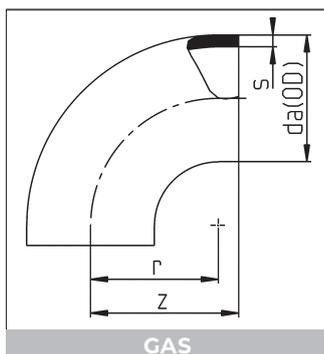
Raccords: voir chapitre I-PP

Fittings : see chapter I-PP



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



BOCHTEN 90°  
COURBES A 90°  
BENDS 90°

Gespoten.  
Injectés.  
Moulded.

**SDR 33 / ISO S-16**

| da  | r   | z   | s    | KG/ST/PC | €/ST/PC |
|-----|-----|-----|------|----------|---------|
| 110 | 110 | 120 | 3.4  | 0.252    | 24.57   |
| 125 | 125 | 140 | 3.9  | 0.333    | 27.69   |
| 140 | 140 | 150 | 4.3  | 0.461    | 35.80   |
| 160 | 155 | 180 | 4.9  | 0.740    | 46.76   |
| 180 | 180 | 200 | 5.5  | 0.999    | 56.98   |
| 200 | 200 | 220 | 6.2  | 1.320    | 70.85   |
| 225 | 225 | 245 | 6.9  | 1.810    | 87.21   |
| 250 | 265 | 290 | 7.7  | 2.740    | 110.82  |
| 280 | 260 | 290 | 8.6  | 3.600    | 137.04  |
| 315 | 300 | 340 | 9.7  | 5.000    | 194.49  |
| 355 | 300 | 340 | 10.9 | 6.360    | 451.99  |
| 400 | 300 | 345 | 12.3 | 8.120    | 632.14  |
| 450 | 400 | 445 | 13.8 | 14.180   | 851.60  |
| 500 | 400 | 445 | 15.3 | 17.560   | 1186.96 |

**\*SDR 17 / ISO S-8**

| da  | r   | z   | s    | KG/ST/PC | €/ST/PC |
|-----|-----|-----|------|----------|---------|
| 250 | 265 | 285 | 14.8 | 4.96     | 180.85  |
| 280 | 265 | 290 | 16.6 | 6.20     | 235.08  |
| 315 | 300 | 335 | 18.7 | 9.42     | 324.73  |
| 355 | 300 | 340 | 21.1 | 11.60    | 514.57  |
| 400 | 300 | 340 | 23.7 | 14.48    | 716.57  |
| 450 | 400 | 445 | 26.7 | 24.24    | 936.73  |
| 500 | 400 | 445 | 29.7 | 30.32    | 1286.11 |

\* op aanvraag / sur demand / onrequest : da 20-225 mm

**\*SDR 11 / ISO S-5**

| da  | r   | z   | s    | KG/ST/PC | €/ST/PC |
|-----|-----|-----|------|----------|---------|
| 250 | 265 | 290 | 22.7 | 7.44     | 266.02  |
| 280 | 265 | 290 | 25.4 | 8.92     | 345.86  |
| 315 | 300 | 340 | 28.6 | 13.54    | 477.46  |
| 355 | 300 | 340 | 32.2 | 17.36    | 698.41  |
| 400 | 300 | 345 | 36.3 | 22.00    | 959.08  |
| 450 | 400 | 445 | 40.9 | 35.56    | 1258.49 |
| 500 | 400 | 449 | 45.4 | 44.46    | 1623.46 |

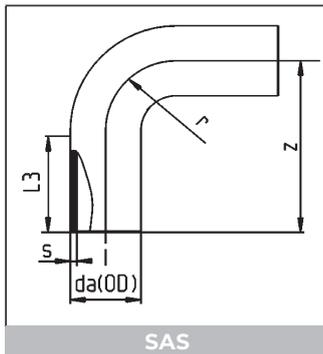
\* op aanvraag / sur demand / onrequest : da 20-225 mm

PPH op aanvraag / sur demande / on request



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PP-R**



MULTI-BOCHTEN 90°  
MULTI-COURBES A 90°  
MULTI-BENDS 90°

Gespoten.  
Injectés.  
Moulded.

**SDR 17 / ISO S-8**

| da  | L3    | r   | z     | s    | KG/ST/PC | €/ST/PC |
|-----|-------|-----|-------|------|----------|---------|
| 63  | 66.5  | 63  | 129.5 | 3.8  | 0.184    | 7.70    |
| 75  | 75.0  | 75  | 150.0 | 4.5  | 0.290    | 11.28   |
| 90  | 76.0  | 90  | 168.0 | 5.4  | 0.477    | 14.70   |
| 110 | 82.0  | 110 | 192.0 | 6.6  | 0.776    | 30.99   |
| 125 | 92.0  | 125 | 218.0 | 7.4  | 1.140    | 39.33   |
| 140 | 100.0 | 140 | 241.0 | 8.3  | 1.580    | 57.16   |
| 160 | 100.5 | 160 | 261.5 | 9.5  | 2.260    | 63.05   |
| 180 | 109.0 | 180 | 290.5 | 10.7 | 3.080    | 77.94   |
| 200 | 118.5 | 200 | 318.5 | 11.9 | 4.030    | 96.53   |
| 225 | 125.0 | 225 | 353.0 | 13.4 | 5.820    | 130.88  |
| 250 | 135.0 | 250 | 389.0 | 14.8 | 7.040    | 272.71  |
| 280 | 146.0 | 280 | 429.0 | 16.6 | 9.800    | 397.39  |
| 315 | 158.0 | 315 | 475.0 | 18.7 | 14.000   | 495.39  |

**SDR 11 / ISO S-5**

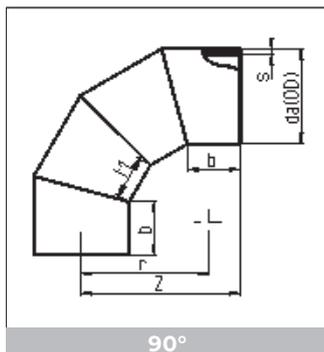
| da  | L3    | r   | z     | s    | KG/ST/PC | €/ST/PC |
|-----|-------|-----|-------|------|----------|---------|
| 20  | 40.0  | 20  | 60.0  | 1.9  | 0.014    | 3.32    |
| 25  | 42.5  | 25  | 68.5  | 2.3  | 0.023    | 3.46    |
| 32  | 47.0  | 32  | 79.0  | 2.9  | 0.041    | 3.58    |
| 40  | 52.0  | 40  | 92.5  | 3.7  | 0.073    | 4.63    |
| 50  | 58.5  | 50  | 108.5 | 4.6  | 0.131    | 5.82    |
| 63  | 66.5  | 63  | 129.5 | 5.8  | 0.254    | 8.36    |
| 75  | 75.0  | 75  | 150.0 | 6.8  | 0.401    | 11.53   |
| 90  | 76.0  | 90  | 168.0 | 8.2  | 0.655    | 16.69   |
| 110 | 82.0  | 110 | 192.0 | 10.0 | 1.095    | 31.77   |
| 125 | 92.0  | 125 | 218.0 | 11.4 | 1.660    | 44.77   |
| 140 | 100.0 | 140 | 241.0 | 12.7 | 2.240    | 59.86   |
| 160 | 100.5 | 160 | 261.5 | 14.6 | 3.160    | 80.25   |
| 180 | 109.0 | 180 | 290.5 | 16.4 | 4.340    | 94.99   |
| 200 | 118.5 | 200 | 318.5 | 18.2 | 5.800    | 141.54  |
| 225 | 125.0 | 225 | 353.0 | 20.5 | 8.040    | 176.49  |
| 250 | 135.0 | 250 | 389.0 | 22.7 | 10.400   | 323.01  |
| 280 | 146.0 | 280 | 429.0 | 25.4 | 14.220   | 466.76  |
| 315 | 158.0 | 315 | 475.0 | 28.6 | 19.820   | 579.78  |

PPH op aanvraag / sur demande / on request



stomplasmafittingen. gesegmenteerd  
raccords pour le soudage bout à bout. segmentés  
fittings for butt welding. segmented

PP



90°

BOCHTEN 90°  
COURBES A 90°  
BENDS 90°

Veiligheidsfactor x 0.8  
Facteur de sécurité x 0.8  
Security factor x 0.8

SDR 41 / ISO S-20

| da   | s    | r     | b   | t1  | z    | t    | t2  | KG/ST/PC | €/ST/PC |
|------|------|-------|-----|-----|------|------|-----|----------|---------|
| 560  | 13.7 | 840   | 350 | 300 | 1040 | 600  | 500 | 36.4     | 1777.33 |
| 630  | 15.4 | 945   | 350 | 338 | 1126 | 675  | 519 | 47.6     | 2133.41 |
| 710  | 17.4 | 1.065 | 400 | 380 | 1275 | 761  | 590 | 71.6     | 2603.43 |
| 800  | 19.6 | 1.200 | 400 | 429 | 1385 | 857  | 614 | 106.0    | 3143.47 |
| 900  | 22.0 | 1.350 | 400 | 482 | 1509 | 965  | 641 | 141.0    | 4198.90 |
| 1000 | 24.5 | 1.500 | 500 | 536 | 1732 | 1072 | 768 | 180.0    | 5330.51 |
| 1200 | 29.4 | 1.800 | 500 | 643 | 1978 | 1286 | 822 | 275.0    | 7747.51 |

SDR 33 / ISO S-16

| da   | s    | r     | b   | t1  | z    | t    | t2  | KG/ST/PC | €/ST/PC |
|------|------|-------|-----|-----|------|------|-----|----------|---------|
| 560  | 17.2 | 840   | 350 | 300 | 1040 | 600  | 500 | 45.3     | 2123.68 |
| 630  | 19.3 | 945   | 350 | 338 | 1126 | 675  | 519 | 59.3     | 2607.48 |
| 710  | 21.8 | 1.065 | 400 | 380 | 1275 | 761  | 590 | 89.1     | 3205.78 |
| 800  | 24.5 | 1.200 | 400 | 429 | 1385 | 857  | 614 | 131.0    | 3928.63 |
| 900  | 27.6 | 1.350 | 400 | 482 | 1509 | 965  | 641 | 176.0    | 5184.90 |
| 1000 | 30.6 | 1.500 | 500 | 536 | 1732 | 1072 | 768 | 223.0    | 6547.62 |
| 1200 | 36.7 | 1.800 | 500 | 643 | 1978 | 1286 | 822 | 341.0    | 9471.45 |

SDR 26 / ISO S-12.5

| da   | s    | r    | b   | t1  | z    | t    | t2  | KG/ST/PC | €/ST/PC |
|------|------|------|-----|-----|------|------|-----|----------|---------|
| 560  | 21.4 | 840  | 350 | 300 | 1040 | 600  | 500 | 55.8     | 2611.43 |
| 630  | 24.1 | 945  | 350 | 338 | 1126 | 675  | 519 | 73.3     | 3134.98 |
| 710  | 27.2 | 1065 | 400 | 380 | 1275 | 761  | 590 | 110.0    | 3831.22 |
| 800  | 30.6 | 1200 | 400 | 429 | 1385 | 857  | 614 | 162.0    | 4678.89 |
| 900  | 34.4 | 1350 | 400 | 482 | 1509 | 965  | 641 | 217.0    | 6269.99 |
| 1000 | 38.2 | 1500 | 500 | 536 | 1732 | 1072 | 768 | 275.0    | 8043.46 |

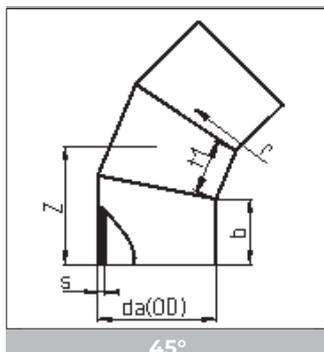
SDR 17.6 / ISO S-8.3

| da  | s    | r    | b   | t1  | z    | t   | t2  | KG/ST/PC | €/ST/PC |
|-----|------|------|-----|-----|------|-----|-----|----------|---------|
| 560 | 31.7 | 840  | 350 | 300 | 1040 | 600 | 500 | 81.1     | 3861.90 |
| 630 | 35.7 | 945  | 350 | 338 | 1126 | 675 | 519 | 106.0    | 4691.86 |
| 710 | 40.2 | 1065 | 400 | 380 | 1275 | 761 | 590 | 159.0    | 5791.29 |
| 800 | 45.3 | 1200 | 400 | 429 | 1385 | 857 | 614 | 241.0    | 7119.60 |



stomplasmafittingen. gesegmenteerd  
raccords pour le soudage bout à bout. segmentés  
fittings for butt welding. segmented

PP



BOCHTEN 45°  
COURBES A 45°  
BENDS 45°

Veiligheidsfactor x 0.8  
Facteur de sécurité x 0.8  
Security factor x 0.8

## SDR 41 / ISO S-20

| da   | s    | r    | b   | t1    | z    | t   | t2  | KG/ST/PC | €/ST/PC |
|------|------|------|-----|-------|------|-----|-----|----------|---------|
| 560  | 13.7 | 883  | 350 | 223.0 | 587  | 445 | 461 | 26.4     | 1178.97 |
| 630  | 15.4 | 918  | 350 | 251.0 | 616  | 501 | 475 | 34.9     | 1401.78 |
| 710  | 17.4 | 1110 | 400 | 282.5 | 700  | 565 | 541 | 53.2     | 1708.51 |
| 800  | 19.6 | 1155 | 400 | 318.3 | 738  | 637 | 559 | 70.8     | 2034.55 |
| 900  | 22.0 | 1330 | 400 | 358.0 | 780  | 716 | 579 | 99.3     | 2678.97 |
| 1000 | 24.5 | 1380 | 500 | 398.0 | 923  | 796 | 699 | 126.0    | 3428.10 |
| 1200 | 29.4 | 1480 | 500 | 477.5 | 1007 | 955 | 739 | 188.0    | 4840.91 |

## SDR 33 / ISO S-16

| da   | s    | r    | b   | t1    | z    | t   | t2  | KG/ST/PC | €/ST/PC |
|------|------|------|-----|-------|------|-----|-----|----------|---------|
| 560  | 17.2 | 883  | 350 | 223.0 | 587  | 445 | 461 | 32.8     | 1408.41 |
| 630  | 19.3 | 918  | 350 | 251.0 | 616  | 501 | 475 | 43.4     | 1712.83 |
| 710  | 21.8 | 1110 | 400 | 282.5 | 700  | 565 | 541 | 66.2     | 2103.49 |
| 800  | 24.5 | 1155 | 400 | 318.3 | 738  | 637 | 559 | 87.9     | 2543.31 |
| 900  | 27.6 | 1330 | 400 | 358.0 | 780  | 716 | 579 | 124.0    | 3306.71 |
| 1000 | 30.6 | 1380 | 500 | 398.0 | 923  | 796 | 699 | 156.0    | 4209.44 |
| 1200 | 36.7 | 1800 | 500 | 477.5 | 1007 | 955 | 739 | 234.0    | 5912.83 |

## SDR 26 / ISO S-12.5

| da   | s    | r    | b   | t1    | z   | t   | t2  | KG/ST/PC | €/ST/PC |
|------|------|------|-----|-------|-----|-----|-----|----------|---------|
| 560  | 21.4 | 883  | 350 | 223.0 | 587 | 445 | 461 | 40.4     | 1731.87 |
| 630  | 24.1 | 918  | 350 | 251.0 | 616 | 501 | 475 | 53.7     | 2058.49 |
| 710  | 27.2 | 1110 | 400 | 282.5 | 700 | 565 | 541 | 81.7     | 2512.50 |
| 800  | 30.6 | 1155 | 400 | 318.3 | 738 | 637 | 559 | 109.0    | 3025.52 |
| 900  | 34.4 | 1330 | 400 | 358.0 | 780 | 716 | 579 | 153.0    | 3994.80 |
| 1000 | 38.2 | 1380 | 500 | 398.0 | 923 | 796 | 699 | 192.0    | 5169.67 |

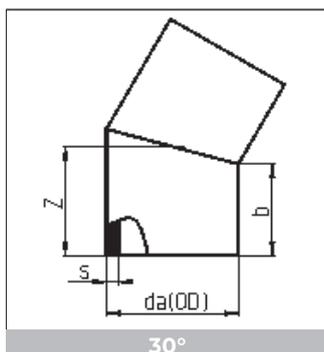
## SDR 17.6 / ISO S-8.3

| da  | s    | r    | b   | t1    | z   | t   | t2  | KG/ST/PC | €/ST/PC |
|-----|------|------|-----|-------|-----|-----|-----|----------|---------|
| 560 | 31.7 | 883  | 350 | 223.0 | 587 | 445 | 461 | 58.8     | 2560.87 |
| 630 | 35.7 | 918  | 350 | 251.0 | 616 | 501 | 475 | 77.9     | 3080.22 |
| 710 | 40.2 | 1110 | 400 | 282.5 | 700 | 565 | 541 | 118.0    | 3797.97 |
| 800 | 47.4 | 1200 | 400 | 318.3 | 738 | 637 | 559 | 158.0    | 4604.69 |



stomplasmafittingen. gesegmenteerd  
raccords pour le soudage bout à bout. segmentés  
fittings for butt welding. segmented

PP



BOCHTEN 30°  
COURBES A 30°  
BENDS 30°

Veiligheidsfactor x 0.8  
Facteur de sécurité x 0.8  
Security factor x 0.8

SDR 41 / ISO S-20

| da   | s    | b   | z   | t   | KG/ST/PC | €/ST/PC |
|------|------|-----|-----|-----|----------|---------|
| 560  | 13.7 | 350 | 425 | 500 | 18.8     | 680.44  |
| 630  | 15.4 | 350 | 434 | 519 | 24.2     | 812.29  |
| 710  | 17.4 | 400 | 495 | 590 | 35.9     | 1016.15 |
| 800  | 19.6 | 400 | 507 | 614 | 56.0     | 1214.63 |
| 900  | 22.0 | 400 | 521 | 641 | 72.1     | 1598.68 |
| 1000 | 24.5 | 500 | 634 | 768 | 91.0     | 2130.18 |
| 1200 | 29.4 | 500 | 661 | 822 | 136.0    | 2979.11 |

SDR 33 / ISO S-16

| da   | s    | b   | z   | t   | KG/ST/PC | €/ST/PC |
|------|------|-----|-----|-----|----------|---------|
| 560  | 17.2 | 350 | 425 | 500 | 23.3     | 817.59  |
| 630  | 19.3 | 350 | 434 | 519 | 30.1     | 994.88  |
| 710  | 21.8 | 400 | 495 | 590 | 44.7     | 1252.78 |
| 800  | 24.5 | 400 | 507 | 614 | 69.4     | 1516.46 |
| 900  | 27.6 | 400 | 500 | 641 | 90.0     | 1976.28 |
| 1000 | 30.6 | 500 | 634 | 768 | 113.0    | 2620.47 |
| 1200 | 36.7 | 500 | 661 | 822 | 169.0    | 3648.38 |

SDR 26 / ISO S-12.5

| da   | s    | b   | z   | t   | KG/ST/PC | €/ST/PC |
|------|------|-----|-----|-----|----------|---------|
| 560  | 21.4 | 350 | 425 | 500 | 28.7     | 1005.63 |
| 630  | 24.1 | 350 | 434 | 519 | 37.3     | 1200.51 |
| 710  | 27.2 | 400 | 495 | 590 | 55.2     | 1505.02 |
| 800  | 30.6 | 400 | 507 | 614 | 86.0     | 1815.65 |
| 900  | 34.4 | 400 | 521 | 641 | 215.0    | 2396.34 |
| 1000 | 38.2 | 500 | 634 | 768 | 277.0    | 3223.18 |

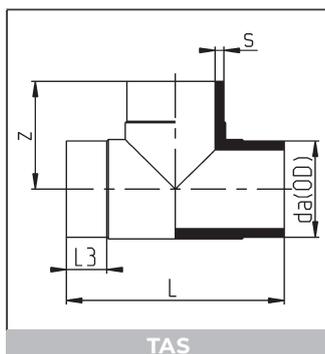
SDR 17.6 / ISO S-8.3

| da  | s    | b   | z   | t   | KG/ST/PC | €/ST/PC |
|-----|------|-----|-----|-----|----------|---------|
| 560 | 31.7 | 350 | 425 | 500 | 41.7     | 1491.77 |
| 630 | 35.7 | 350 | 434 | 519 | 54.1     | 1799.19 |
| 710 | 40.2 | 400 | 495 | 590 | 79.9     | 2274.57 |
| 800 | 47.4 | 400 | 507 | 614 | 177.0    | 2760.23 |



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



T-STUKKEN 90°  
TES A 90°  
TEES 90°

Gespoten.  
Injectés.  
Moulded.

SDR 33 / ISO S-16

| da  | L   | L3  | z   | s    | KG/ST/PC | €/ST/PC |
|-----|-----|-----|-----|------|----------|---------|
| 110 | 223 | 33  | 109 | 3.4  | 0.443    | 29.05   |
| 125 | 230 | 40  | 115 | 3.9  | 0.492    | 35.52   |
| 140 | 253 | 25  | 125 | 4.3  | 1.020    | 39.61   |
| 160 | 346 | 57  | 173 | 4.9  | 1.680    | 66.12   |
| 180 | 372 | 57  | 186 | 5.5  | 2.360    | 90.13   |
| 200 | 410 | 57  | 205 | 6.2  | 3.200    | 120.93  |
| 225 | 448 | 57  | 222 | 6.9  | 4.260    | 181.41  |
| 250 | 475 | 70  | 237 | 7.7  | 6.100    | 280.53  |
| 280 | 540 | 80  | 270 | 8.6  | 8.200    | 356.86  |
| 315 | 558 | 80  | 277 | 9.7  | 9.640    | 450.53  |
| 355 | 691 | 100 | 346 | 10.9 | 16.080   | 630.85  |
| 400 | 710 | 104 | 355 | 12.3 | 18.580   | 924.91  |
| 450 | 900 | 130 | 450 | 13.8 | 30.740   | 1248.71 |
| 500 | 895 | 130 | 450 | 15.3 | 33.660   | 1621.04 |

SDR 17 / ISO S-8

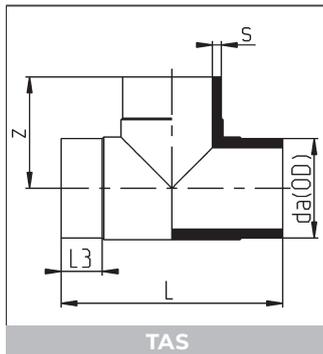
| da  | L   | L3    | z     | s    | KG/ST/PC | €/ST/PC |
|-----|-----|-------|-------|------|----------|---------|
| 63  | 145 | 25.0  | 72.0  | 3.8  | 0.170    | 7.90    |
| 75  | 150 | 16.0  | 75.0  | 4.5  | 0.311    | 16.09   |
| 90  | 212 | 38.0  | 107.0 | 5.4  | 0.518    | 22.96   |
| 110 | 251 | 50.5  | 121.0 | 6.6  | 0.897    | 38.12   |
| 125 | 280 | 50.0  | 140.0 | 7.4  | 1.240    | 52.82   |
| 140 | 304 | 54.0  | 150.0 | 8.3  | 1.720    | 62.35   |
| 160 | 346 | 57.0  | 173.0 | 9.5  | 2.440    | 117.21  |
| 180 | 372 | 57.0  | 186.0 | 10.7 | 3.420    | 143.96  |
| 200 | 405 | 57.0  | 202.5 | 11.9 | 4.520    | 196.61  |
| 225 | 445 | 57.0  | 222.5 | 13.4 | 6.320    | 230.82  |
| 250 | 470 | 70.0  | 235.0 | 14.8 | 8.280    | 306.32  |
| 280 | 543 | 80.0  | 272.0 | 16.6 | 12.040   | 346.21  |
| 315 | 550 | 80.0  | 275.0 | 18.7 | 14.380   | 460.50  |
| 355 | 680 | 104.0 | 340.0 | 21.1 | 22.900   | 692.43  |
| 400 | 705 | 106.0 | 352.5 | 23.7 | 27.740   | 946.39  |
| 450 | 895 | 134.0 | 450.0 | 26.7 | 45.100   | 1447.66 |
| 500 | 900 | 130.0 | 450.0 | 29.7 | 51.080   | 1693.99 |

PPH op aanvraag / sur demande / on request



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



T-STUKKEN 90°  
TES A 90°  
TEES 90°

Gespoten.  
Injectés.  
Moulded.

SDR 11 / ISO S-5

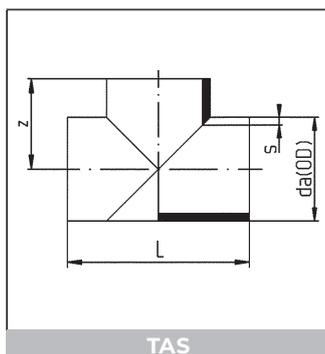
| da  | L   | L3    | z     | s    | KG/ST/PC | €/ST/PC |
|-----|-----|-------|-------|------|----------|---------|
| 20  | 68  | 17.5  | 34.0  | 1.9  | 0.011    | 2.43    |
| 25  | 80  | 20.5  | 40.0  | 2.3  | 0.021    | 2.43    |
| 32  | 90  | 20.5  | 45.0  | 2.9  | 0.037    | 3.06    |
| 40  | 100 | 20.5  | 50.0  | 3.7  | 0.060    | 4.84    |
| 50  | 120 | 23.0  | 60.0  | 4.6  | 0.114    | 6.54    |
| 63  | 144 | 25.0  | 72.0  | 5.8  | 0.220    | 10.13   |
| 75  | 152 | 15.0  | 75.0  | 6.8  | 0.386    | 20.43   |
| 90  | 213 | 38.0  | 105.0 | 8.2  | 0.680    | 30.52   |
| 110 | 253 | 51.0  | 122.0 | 10.0 | 1.180    | 44.81   |
| 125 | 280 | 52.0  | 140.0 | 11.4 | 1.700    | 61.70   |
| 140 | 305 | 53.0  | 152.0 | 12.7 | 2.380    | 78.20   |
| 160 | 346 | 57.0  | 173.0 | 14.6 | 3.300    | 131.51  |
| 180 | 372 | 57.0  | 186.0 | 16.4 | 4.380    | 168.54  |
| 200 | 405 | 57.0  | 202.5 | 18.2 | 6.060    | 241.52  |
| 225 | 445 | 57.0  | 222.5 | 20.5 | 8.200    | 287.26  |
| 250 | 470 | 72.0  | 235.0 | 22.7 | 10.860   | 365.44  |
| 280 | 540 | 80.0  | 270.0 | 25.4 | 15.600   | 494.08  |
| 315 | 550 | 80.0  | 275.0 | 28.6 | 18.920   | 702.45  |
| 355 | 690 | 105.0 | 345.0 | 32.2 | 30.640   | 902.30  |
| 400 | 700 | 103.0 | 355.0 | 36.3 | 37.960   | 1225.97 |
| 450 | 900 | 130.0 | 450.0 | 40.9 | 63.000   | 1780.32 |
| 500 | 900 | 130.0 | 450.0 | 45.4 | 71.000   | 2274.89 |

PPH op aanvraag / sur demande / on request



stomplasmafittingen. gesegmenteerd  
raccords pour le soudage bout à bout. segmentés  
fittings for butt welding. segmented

PP



T-STUKKEN 90°

TES A 90°

TEES 90°

Veiligheidsfactor x 0.5

Facteur de sécurité x 0.5

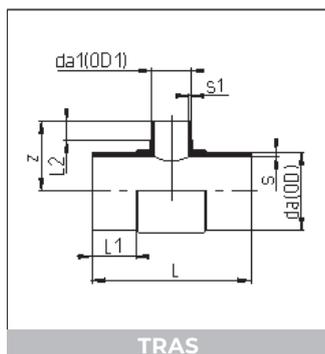
Security factor x 0.5

| da          | SDR 26 / ISO S-12.5 |      |      |             |                | SDR 17.6 / ISO S-8.3 |     |      |             |                |
|-------------|---------------------|------|------|-------------|----------------|----------------------|-----|------|-------------|----------------|
|             | s                   | z    | L    | KG<br>ST/PC | €<br>ST/PC     | s                    | z   | L    | KG<br>ST/PC | €<br>ST/PC     |
| <b>560</b>  | 21.4                | 540  | 1080 | 46.90       | <b>2579.60</b> | 31.7                 | 540 | 1080 | 68.20       | <b>3868.59</b> |
| <b>630</b>  | 24.1                | 615  | 1230 | 67.80       | <b>3195.47</b> | 35.7                 | 615 | 1230 | 98.40       | <b>4829.78</b> |
| <b>710</b>  | 27.2                | 655  | 1310 | 90.70       | <b>3888.70</b> | 40.2                 | 655 | 1310 | 131.00      | <b>5897.91</b> |
| <b>800</b>  | 30.6                | 700  | 1400 | 149.00      | <b>4794.50</b> | 47.4                 | 700 | 1400 | 177.00      | <b>7318.61</b> |
| <b>900</b>  | 38.2                | 1000 | 2000 | 215.00      | <b>7230.74</b> |                      |     |      |             |                |
| <b>1000</b> | 30.6                | 700  | 1400 | 277.00      | <b>8936.55</b> |                      |     |      |             |                |



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



VERLOOP T-STUKKEN 90°  
TES REDUITS A 90°  
TEES 90° REDUCING

Gespoten.  
Injectés.  
Moulded.

SDR 17 / ISO S-8

| da/da1  | s    | z   | L   | L1  | L2 | s1  | KG/ST/PC | €/ST/PC |
|---------|------|-----|-----|-----|----|-----|----------|---------|
| 140/ 63 | 8.3  | 120 | 302 | 86  | 32 | 3.8 | 1.31     | 66.35   |
| 140/ 75 | 8.3  | 130 | 300 | 86  | 35 | 4.5 | 1.40     | 66.64   |
| 140/ 90 | 8.3  | 139 | 300 | 86  | 42 | 5.4 | 1.32     | 67.76   |
| 140/110 | 8.3  | 139 | 300 | 50  | 53 | 6.6 | 1.64     | 69.14   |
| 160/125 | 9.5  | 150 | 315 | 62  | 48 | 7.4 | 2.04     | 128.90  |
| 180/ 63 | 10.7 | 139 | 358 | 130 | 32 | 3.8 | 2.06     | 153.05  |
| 180/ 75 | 10.7 | 140 | 360 | 120 | 31 | 4.5 | 2.10     | 153.05  |
| 180/110 | 10.7 | 160 | 365 | 106 | 48 | 6.6 | 2.16     | 157.74  |
| 180/125 | 10.7 | 156 | 365 | 96  | 52 | 7.4 | 2.24     | 157.74  |
| 225/125 | 13.4 | 180 | 445 | 140 | 45 | 7.4 | 4.19     | 250.85  |

SDR 11 / ISO S-5

| da/da1  | s    | z   | L   | L1  | L2 | s1   | KG/ST/PC | €/ST/PC |
|---------|------|-----|-----|-----|----|------|----------|---------|
| 90/ 32  | 8.2  | 85  | 213 | 57  | 23 | 2.9  | 0.562    | 32.33   |
| 90/ 50  | 8.2  | 90  | 213 | 57  | 27 | 4.6  | 0.563    | 33.22   |
| 110/ 32 | 10.0 | 94  | 244 | 70  | 23 | 2.9  | 0.906    | 48.68   |
| 110/ 50 | 10.0 | 103 | 240 | 70  | 27 | 4.6  | 0.945    | 48.68   |
| 125/ 63 | 11.4 | 112 | 280 | 76  | 31 | 5.8  | 1.400    | 68.11   |
| 140/ 63 | 12.7 | 120 | 302 | 87  | 32 | 5.8  | 1.800    | 85.47   |
| 140/ 75 | 12.7 | 130 | 305 | 54  | 35 | 6.8  | 1.920    | 85.47   |
| 140/ 90 | 12.7 | 130 | 305 | 88  | 42 | 8.2  | 1.840    | 86.87   |
| 140/110 | 12.7 | 141 | 305 | 54  | 47 | 10.0 | 2.180    | 86.87   |
| 160/125 | 14.6 | 158 | 335 | 62  | 52 | 11.4 | 2.720    | 144.15  |
| 180/ 63 | 16.4 | 144 | 367 | 134 | 32 | 5.8  | 3.040    | 178.95  |
| 180/ 75 | 16.4 | 148 | 366 | 123 | 31 | 6.8  | 3.100    | 178.95  |
| 180/125 | 16.4 | 166 | 366 | 100 | 52 | 11.4 | 3.280    | 184.70  |
| 225/125 | 20.5 | 178 | 456 | 143 | 45 | 11.4 | 6.120    | 311.57  |

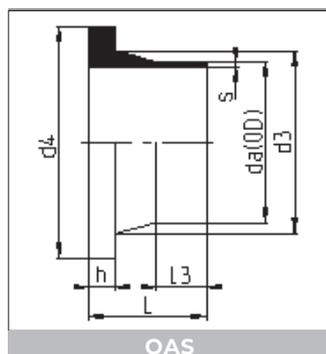
Grotere diameters t.e.m. 630 mm op aanvraag.  
Diamètres plus large jusqu'à 630 mm sur demande.  
Larger diameters up to 630 mm on request.

PPH op aanvraag / sur demande / on request



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



VOORLASKRAGEN  
COLLETS  
STUBS

Gespoten  
Injectés  
Moulded

PPH : op aanvraag / sur demande / on request

SDR 33 / ISO S-16

| da  | s    | L   | L3   | d3  | d4  | h  | KG/ST/PC | €/ST/PC |
|-----|------|-----|------|-----|-----|----|----------|---------|
| 110 | 3.4  | 80  | 31.0 | 125 | 158 | 18 | 0.276    | 12.90   |
| 125 | 3.9  | 80  | 38.0 | 132 | 158 | 18 | 0.282    | 15.87   |
| 140 | 4.3  | 80  | 24.0 | 155 | 188 | 18 | 0.410    | 18.41   |
| 160 | 4.9  | 80  | 28.5 | 175 | 212 | 18 | 0.520    | 22.79   |
| 180 | 5.5  | 95  | 55.0 | 183 | 212 | 18 | 0.450    | 33.31   |
| 200 | 6.2  | 113 | 53.0 | 232 | 268 | 18 | 1.040    | 40.93   |
| 225 | 6.9  | 113 | 65.0 | 235 | 268 | 18 | 0.820    | 44.82   |
| 250 | 7.7  | 132 | 70.0 | 285 | 320 | 20 | 1.730    | 63.25   |
| 280 | 8.6  | 128 | 70.0 | 288 | 320 | 20 | 1.430    | 68.23   |
| 315 | 9.7  | 136 | 68.0 | 335 | 370 | 20 | 2.080    | 81.69   |
| 355 | 10.9 | 150 | 75.0 | 373 | 430 | 23 | 2.920    | 139.76  |
| 400 | 12.3 | 155 | 75.0 | 427 | 482 | 26 | 3.980    | 290.32  |
| 450 | 13.8 | 168 | 73.0 | 514 | 585 | 33 | 7.820    | 339.99  |
| 500 | 15.3 | 175 | 81.0 | 530 | 585 | 33 | 6.960    | 412.94  |
| 560 | 17.2 | 120 | 25.0 | 615 | 685 | 35 | 8.750    | 488.63  |
| 630 | 19.3 | 184 | 89.0 | 642 | 685 | 35 | 8.460    | 562.80  |

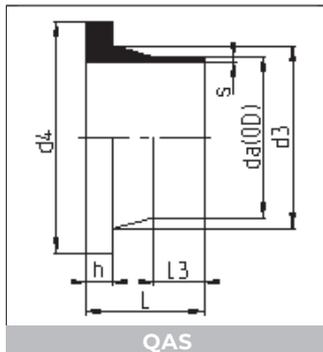
SDR 17 / ISO S-8

| da  | s    | L   | L3    | d3  | d4  | h  | KG/ST/PC | €/ST/PC |
|-----|------|-----|-------|-----|-----|----|----------|---------|
| 63  | 3.8  | 50  | 20.0  | 75  | 102 | 14 | 0.107    | 5.27    |
| 75  | 4.5  | 50  | 18.0  | 89  | 122 | 16 | 0.166    | 6.21    |
| 90  | 5.4  | 82  | 40.0  | 105 | 138 | 17 | 0.274    | 9.10    |
| 110 | 6.6  | 80  | 34.0  | 125 | 158 | 18 | 0.359    | 11.57   |
| 125 | 7.4  | 84  | 46.0  | 132 | 158 | 18 | 0.343    | 14.23   |
| 140 | 8.3  | 92  | 39.0  | 155 | 188 | 18 | 0.550    | 16.51   |
| 160 | 9.5  | 92  | 42.0  | 175 | 212 | 18 | 0.696    | 20.43   |
| 180 | 10.7 | 92  | 53.0  | 183 | 212 | 20 | 0.687    | 29.85   |
| 200 | 11.9 | 110 | 46.0  | 232 | 268 | 24 | 1.460    | 37.27   |
| 225 | 13.4 | 113 | 60.0  | 235 | 268 | 24 | 1.380    | 41.80   |
| 250 | 14.8 | 132 | 64.0  | 285 | 320 | 25 | 2.440    | 59.72   |
| 280 | 16.6 | 128 | 70.0  | 288 | 320 | 25 | 2.240    | 65.60   |
| 315 | 18.7 | 136 | 68.5  | 335 | 370 | 25 | 3.140    | 80.11   |
| 355 | 21.1 | 150 | 79.0  | 373 | 430 | 30 | 4.480    | 137.27  |
| 400 | 23.7 | 155 | 75.0  | 427 | 482 | 33 | 5.980    | 277.40  |
| 450 | 26.7 | 170 | 74.0  | 514 | 585 | 46 | 11.340   | 326.92  |
| 500 | 29.7 | 175 | 83.0  | 530 | 585 | 46 | 10.640   | 403.03  |
| 560 | 33.2 | 120 | 32.0  | 615 | 685 | 50 | 12.310   | 482.43  |
| 630 | 37.4 | 180 | 122.0 | 642 | 685 | 50 | 14.720   | 558.71  |



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



VOORLASKRAGEN  
COLLETS  
STUBS

Gespoten  
Injectés  
Moulded

PPH : op aanvraag / sur demande / on request

SDR 11 / ISO S-5

| da  | s    | L     | L3   | d3  | d4  | h  | KG/ST/PC | €/ST/PC |
|-----|------|-------|------|-----|-----|----|----------|---------|
| 20  | 1.9  | 52.0  | 30.0 | 27  | 45  | 7  | 0.014    | 2.73    |
| 25  | 2.3  | 52.0  | 25.0 | 33  | 58  | 9  | 0.027    | 2.73    |
| 32  | 2.9  | 50.0  | 25.0 | 40  | 68  | 10 | 0.040    | 3.21    |
| 40  | 3.7  | 52.0  | 24.0 | 50  | 78  | 11 | 0.061    | 3.83    |
| 50  | 4.6  | 53.0  | 22.0 | 61  | 88  | 12 | 0.086    | 4.72    |
| 63  | 5.8  | 50.0  | 20.0 | 75  | 102 | 14 | 0.122    | 5.87    |
| 75  | 6.8  | 50.5  | 18.0 | 89  | 122 | 16 | 0.187    | 6.96    |
| 90  | 8.2  | 82.0  | 40.0 | 105 | 138 | 17 | 0.322    | 9.94    |
| 110 | 10   | 82.0  | 38.0 | 125 | 158 | 18 | 0.442    | 12.78   |
| 125 | 11.4 | 82.0  | 38.0 | 132 | 158 | 25 | 0.491    | 15.43   |
| 140 | 12.7 | 92.0  | 37.0 | 155 | 188 | 25 | 0.757    | 19.79   |
| 160 | 14.6 | 92.0  | 38.0 | 175 | 212 | 25 | 0.956    | 24.97   |
| 180 | 16.4 | 93.0  | 43.0 | 183 | 212 | 30 | 1.000    | 35.21   |
| 200 | 18.2 | 114.0 | 40.0 | 232 | 268 | 32 | 2.040    | 49.68   |
| 225 | 20.5 | 113.0 | 52.0 | 235 | 268 | 32 | 1.960    | 48.53   |
| 250 | 22.7 | 130.0 | 58.0 | 285 | 320 | 35 | 3.300    | 82.67   |
| 280 | 25.4 | 128.0 | 66.0 | 288 | 320 | 35 | 3.160    | 78.83   |
| 315 | 28.6 | 136.0 | 65.0 | 335 | 370 | 35 | 4.600    | 116.10  |
| 355 | 32.2 | 150.0 | 70.0 | 373 | 430 | 40 | 6.560    | 164.87  |
| 400 | 36.3 | 155.0 | 70.0 | 427 | 482 | 46 | 8.620    | 295.24  |
| 450 | 40.9 | 165.0 | 62.0 | 514 | 585 | 60 | 15.360   | 380.43  |
| 500 | 45.4 | 175.0 | 80.0 | 530 | 585 | 60 | 14.920   | 438.06  |
| 630 | 57.2 | 175.0 | 91.5 | 642 | 685 | 60 | 20.900   | 951.57  |

Ook leverbaar / aussi livrable / also available :

- JIS SDR 11 : da 20-315 mm
- ANSI SDR 11 : da 20-450 mm

Uit plaat gedraaid.  
Tournés à partir de plaque.  
Turned out of plate.

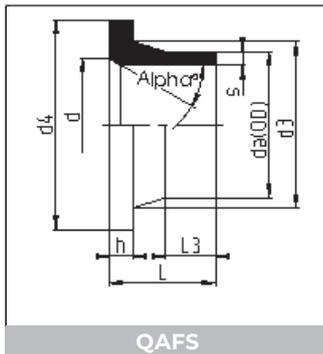
| D    | d <sub>s</sub> | d <sub>e</sub> | L   | SDR 33 / ISO S-16 |                |          | SDR 17 / ISO S-8 |                |          |
|------|----------------|----------------|-----|-------------------|----------------|----------|------------------|----------------|----------|
|      |                |                |     | s                 | h <sub>i</sub> | KG/ST/PC | s                | h <sub>i</sub> | KG/ST/PC |
| 710  | 737            | 800            | 120 | 21.8              | 35             | 9.8      | 42.1             | 50             | 15.5     |
| 800  | 840            | 905            | 120 | 24.5              | 36             | 13.0     | 47.4             | 52             | 20.5     |
| 900  | 944            | 1005           | 120 | 27.6              | 40             | 16.3     | 53.3             | 55             | 25.3     |
| 1000 | 1047           | 1110           | 140 | 30.6              | 42             | 22.5     | 59.3             | 60             | 35.4     |
| 1200 | 1245           | 1330           | 140 | 36.7              | 50             | 33.4     |                  |                |          |

prijzen op aanvraag / prix sur demande / prices on request



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



VOORLASKRAGEN VOOR VLINDERKLEPPEN  
COLLETS CHANFREINE POUR VANNES PAPILLON  
CHAMFERED STUB FLANGE FOR BUTTERFLY VALVES

Gespoten  
Injectés  
Moulded

SDR 11 / ISO S-5

| da  | s    | L   | L3 | d   | d3  | d4  | h  | Alpha° | KG/ST/PC | €/ST/PC |
|-----|------|-----|----|-----|-----|-----|----|--------|----------|---------|
| 110 | 10.0 | 82  | 38 | 100 | 125 | 158 | 18 | 30     | 0.420    | 12.78   |
| 140 | 12.7 | 92  | 37 | 125 | 155 | 188 | 25 | 30     | 0.740    | 19.79   |
| 160 | 14.6 | 92  | 38 | 150 | 175 | 212 | 25 | 30     | 0.920    | 24.97   |
| 180 | 16.4 | 93  | 43 | 150 | 183 | 212 | 30 | 30     | 0.997    | 35.21   |
| 200 | 18.2 | 114 | 40 | 210 | 232 | 268 | 32 | 30     | 1.792    | 49.68   |
| 225 | 20.5 | 113 | 52 | 210 | 235 | 268 | 32 | 30     | 1.860    | 48.53   |
| 250 | 22.7 | 130 | 58 | 255 | 285 | 320 | 35 | 25     | 2.866    | 82.67   |
| 280 | 25.4 | 128 | 66 | 255 | 288 | 320 | 35 | 25     | 2.940    | 78.83   |
| 315 | 28.6 | 136 | 65 | 301 | 335 | 370 | 35 | 22     | 4.100    | 116.09  |
| 355 | 32.2 | 150 | 70 | 338 | 373 | 430 | 40 | 30     | 5.960    | 164.87  |
| 400 | 36.3 | 155 | 70 | 378 | 427 | 482 | 46 | 30     | 7.920    | 295.24  |

Uit plaat gedraaid.  
Tournés à partir de plaque.  
Turned out of plate.

SDR 11 / ISO S-5

| da  | s    | L   | L3 | d   | d3  | d4  | h  | Alpha° | KG/ST/PC | €/ST/PC |
|-----|------|-----|----|-----|-----|-----|----|--------|----------|---------|
| 500 | 45.4 | 200 | 75 | 505 | 530 | 585 | 90 | 25     | 15.400   | 3008.81 |

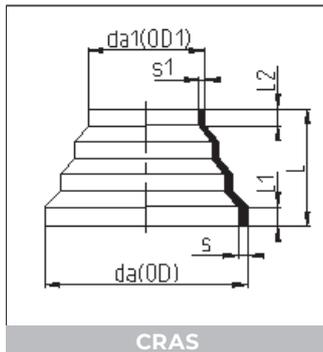
SDR 17 / ISO S-8

| da  | s    | L   | L3 | d   | d3  | d4  | h  | Alpha° | KG/ST/PC | €/ST/PC |
|-----|------|-----|----|-----|-----|-----|----|--------|----------|---------|
| 355 | 21.1 | 150 | 50 | 355 | 373 | 430 | 60 | 25     | 5.9      | 1846.61 |
| 400 | 23.7 | 180 | 75 | 404 | 427 | 482 | 60 | 25     | 7.4      | 2057.53 |
| 500 | 29.7 | 175 | 80 | 505 | 530 | 585 | 60 | 25     | 10.0     | 3008.81 |
| 560 | 33.2 | 200 | 60 | 602 | 615 | 685 | 80 | 25     | 15.6     | 3037.86 |



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



CONCENTRISCHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

**Gespoten.**

Opmerkingen :

-Deze verloopstukken zijn voor elke gewenste vermindering tussen de diameters 630 en 16 mm door afzagen. resp. aan elkaar te lassen. te gebruiken.

**Injectées.**

Remarques :

- Ces réductions sont utilisables dans tous les diamètres. entre 630 et 16 mm. par le sciage et le soudage bout à bout.

**Moulded.**

Remarks :

- These reductions can be sawn off (or be welded together) at the desired diameter between 630 and 16 mm.

**SDR 33 / ISO S-16**

| da  | da1 | s    | L   | L1 | L2 | s1   | KG/ST/PC | €/ST/PC |
|-----|-----|------|-----|----|----|------|----------|---------|
| 110 | 63  | 3.4  | 62  | 9  | 6  | 3.0  | 0.061    | 12.56   |
| 125 | 75  | 3.9  | 72  | 13 | 8  | 2.3  | 0.090    | 14.43   |
| 160 | 110 | 4.9  | 83  | 13 | 13 | 3.4  | 0.160    | 45.61   |
| 225 | 160 | 6.9  | 94  | 18 | 14 | 4.9  | 0.402    | 115.27  |
| 315 | 225 | 9.7  | 134 | 25 | 20 | 6.9  | 1.036    | 133.02  |
| 450 | 315 | 13.8 | 170 | 27 | 20 | 9.7  | 3.220    | 456.00  |
| 630 | 450 | 19.3 | 188 | 30 | 20 | 13.8 | 6.860    | 563.83  |

**SDR 17 / ISO S-8**

| da  | da1 | s    | L   | L1 | L2 | s1   | KG/ST/PC | €/ST/PC |
|-----|-----|------|-----|----|----|------|----------|---------|
| 75  | 32  | 4.5  | 71  | 10 | 9  | 1.9  | 0.043    | 10.10   |
| 110 | 63  | 6.6  | 62  | 9  | 6  | 3.8  | 0.099    | 13.24   |
| 125 | 75  | 7.4  | 72  | 13 | 8  | 4.5  | 0.145    | 15.07   |
| 160 | 110 | 9.5  | 83  | 13 | 13 | 6.6  | 0.275    | 49.11   |
| 225 | 160 | 13.4 | 94  | 18 | 14 | 9.5  | 0.660    | 129.49  |
| 315 | 225 | 18.7 | 134 | 25 | 20 | 13.4 | 1.860    | 146.88  |
| 450 | 315 | 26.7 | 167 | 27 | 20 | 18.7 | 4.840    | 504.01  |
| 630 | 450 | 37.4 | 188 | 30 | 20 | 26.7 | 10.60    | 759.71  |

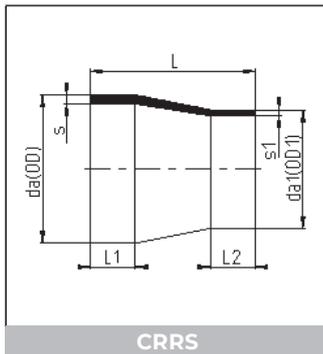
**SDR 11 / ISO S-5**

| da  | da1 | s    | L   | L1 | L2 | s1   | KG/ST/PC | €/ST/PC |
|-----|-----|------|-----|----|----|------|----------|---------|
| 63  | 16  | 5.8  | 97  | 10 | 8  | 1.8  | 0.042    | 6.59    |
| 75  | 32  | 6.8  | 71  | 10 | 9  | 2.9  | 0.060    | 10.53   |
| 110 | 63  | 10.0 | 62  | 9  | 6  | 5.8  | 0.144    | 13.97   |
| 125 | 75  | 11.4 | 72  | 13 | 8  | 6.8  | 0.200    | 15.78   |
| 160 | 110 | 14.6 | 83  | 13 | 13 | 10.0 | 0.420    | 52.59   |
| 225 | 160 | 20.5 | 94  | 18 | 14 | 14.6 | 0.940    | 142.69  |
| 315 | 225 | 28.6 | 134 | 25 | 20 | 20.5 | 2.720    | 157.34  |
| 450 | 315 | 40.9 | 181 | 40 | 20 | 28.6 | 7.620    | 559.87  |



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



CONCENTRICHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

SDR 17 / ISO S-8

| da  | da1 | s    | L   | L1 | L2 | s1   | KG/ST/PC | €/ST/PC |
|-----|-----|------|-----|----|----|------|----------|---------|
| 75  | 63  | 4.5  | 60  | 19 | 18 | 3.8  | 0.054    | 9.28    |
| 90  | 63  | 5.4  | 66  | 22 | 18 | 3.8  | 0.080    | 10.36   |
| 90  | 75  | 5.4  | 66  | 22 | 19 | 4.5  | 0.097    | 10.36   |
| 110 | 63  | 6.6  | 90  | 28 | 18 | 3.8  | 0.159    | 13.13   |
| 110 | 75  | 6.6  | 85  | 28 | 19 | 4.5  | 0.150    | 13.13   |
| 110 | 90  | 6.6  | 85  | 28 | 22 | 5.4  | 0.159    | 13.13   |
| 125 | 63  | 7.4  | 100 | 32 | 18 | 3.8  | 0.228    | 16.94   |
| 125 | 75  | 7.4  | 100 | 32 | 19 | 4.5  | 0.218    | 16.94   |
| 125 | 90  | 7.4  | 90  | 32 | 22 | 5.4  | 0.186    | 16.94   |
| 125 | 110 | 7.4  | 90  | 32 | 28 | 6.6  | 0.243    | 16.94   |
| 140 | 75  | 8.3  | 110 | 35 | 19 | 4.5  | 0.331    | 20.49   |
| 140 | 90  | 8.3  | 110 | 35 | 22 | 5.4  | 0.290    | 20.49   |
| 140 | 110 | 8.3  | 100 | 35 | 28 | 6.6  | 0.275    | 20.49   |
| 140 | 125 | 8.3  | 100 | 35 | 32 | 7.4  | 0.317    | 23.91   |
| 160 | 90  | 9.5  | 115 | 40 | 22 | 5.4  | 0.400    | 23.91   |
| 160 | 110 | 9.5  | 115 | 40 | 28 | 6.6  | 0.398    | 23.91   |
| 160 | 125 | 9.5  | 110 | 40 | 32 | 7.4  | 0.450    | 23.91   |
| 160 | 140 | 9.5  | 110 | 40 | 35 | 8.3  | 0.460    | 23.91   |
| 180 | 90  | 10.7 | 157 | 45 | 22 | 5.4  | 0.746    | 37.60   |
| 180 | 110 | 10.7 | 157 | 45 | 28 | 6.6  | 0.743    | 35.35   |
| 180 | 125 | 10.7 | 122 | 45 | 32 | 7.4  | 0.560    | 32.60   |
| 180 | 140 | 10.7 | 136 | 45 | 35 | 8.3  | 0.680    | 30.94   |
| 180 | 160 | 10.7 | 122 | 45 | 40 | 9.5  | 0.690    | 29.57   |
| 200 | 140 | 11.9 | 137 | 50 | 35 | 8.3  | 0.840    | 85.64   |
| 200 | 160 | 11.9 | 128 | 50 | 40 | 9.5  | 0.800    | 74.82   |
| 200 | 180 | 11.9 | 137 | 50 | 45 | 10.7 | 0.852    | 66.91   |
| 225 | 140 | 13.4 | 162 | 55 | 35 | 8.3  | 1.121    | 101.08  |
| 225 | 160 | 13.4 | 140 | 55 | 40 | 9.5  | 0.985    | 86.74   |
| 225 | 180 | 13.4 | 162 | 55 | 45 | 10.7 | 1.328    | 86.33   |
| 225 | 200 | 13.4 | 162 | 55 | 50 | 11.9 | 1.300    | 86.33   |
| 250 | 160 | 14.8 | 149 | 60 | 40 | 9.5  | 1.310    | 115.80  |
| 250 | 180 | 14.8 | 177 | 60 | 45 | 10.7 | 2.000    | 107.17  |
| 250 | 200 | 14.8 | 144 | 60 | 50 | 11.9 | 1.380    | 98.58   |
| 250 | 225 | 14.8 | 144 | 60 | 55 | 13.4 | 1.480    | 93.74   |
| 280 | 200 | 16.6 | 202 | 70 | 50 | 11.9 | 2.400    | 128.89  |
| 280 | 225 | 16.6 | 202 | 70 | 55 | 13.4 | 2.400    | 120.22  |
| 280 | 250 | 16.6 | 165 | 70 | 60 | 14.8 | 2.320    | 117.09  |
| 315 | 200 | 18.7 | 196 | 80 | 50 | 11.9 | 3.180    | 164.57  |
| 315 | 225 | 18.7 | 207 | 80 | 55 | 13.4 | 2.940    | 145.61  |
| 315 | 250 | 18.7 | 200 | 80 | 60 | 14.8 | 2.880    | 132.64  |
| 315 | 280 | 18.7 | 198 | 80 | 70 | 16.6 | 3.640    | 124.24  |

Diam. t.e.m. 630 mm op aanvraag.

Diam. jusqu'à 630 mm sur demande.

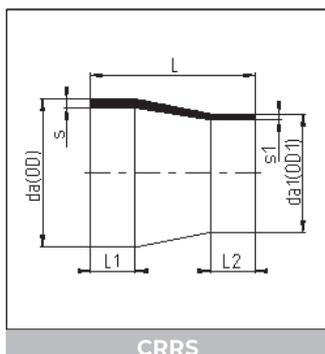
Diam up to 630 mm on request.

PPH op aanvraag / sur demande / on request



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



CRRS

CONCENTRISCHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

SDR 11 / ISO S-5

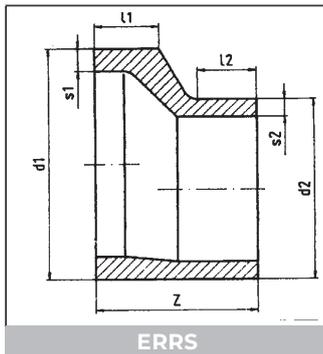
| da  | da1 | s    | L   | L1 | L2 | s1   | KG/ST/PC | €/ST/PC |
|-----|-----|------|-----|----|----|------|----------|---------|
| 25  | 20  | 2.3  | 38  | 14 | 14 | 1.9  | 0.005    | 4.51    |
| 32  | 20  | 2.9  | 40  | 14 | 14 | 1.9  | 0.008    | 5.22    |
| 32  | 25  | 2.9  | 40  | 14 | 14 | 2.3  | 0.009    | 5.22    |
| 40  | 20  | 3.7  | 43  | 14 | 14 | 1.9  | 0.014    | 5.96    |
| 40  | 25  | 3.7  | 43  | 14 | 14 | 2.3  | 0.014    | 5.96    |
| 40  | 32  | 3.7  | 37  | 14 | 14 | 2.9  | 0.013    | 5.96    |
| 50  | 25  | 4.6  | 47  | 14 | 14 | 2.3  | 0.020    | 6.27    |
| 50  | 32  | 4.6  | 41  | 14 | 14 | 2.9  | 0.020    | 6.27    |
| 50  | 40  | 4.6  | 42  | 14 | 14 | 3.7  | 0.022    | 6.28    |
| 63  | 32  | 5.8  | 57  | 18 | 14 | 2.9  | 0.040    | 7.59    |
| 63  | 40  | 5.8  | 51  | 18 | 14 | 3.7  | 0.040    | 7.59    |
| 63  | 50  | 5.8  | 52  | 18 | 14 | 4.6  | 0.044    | 7.59    |
| 75  | 32  | 6.8  | 70  | 19 | 14 | 2.9  | 0.065    | 9.73    |
| 75  | 40  | 6.8  | 70  | 19 | 14 | 3.7  | 0.067    | 9.73    |
| 75  | 50  | 6.8  | 59  | 19 | 14 | 4.6  | 0.066    | 9.73    |
| 75  | 63  | 6.8  | 60  | 19 | 18 | 5.8  | 0.071    | 9.73    |
| 90  | 50  | 8.2  | 76  | 22 | 14 | 4.6  | 0.110    | 10.84   |
| 90  | 63  | 8.2  | 66  | 22 | 18 | 5.8  | 0.108    | 10.84   |
| 90  | 75  | 8.2  | 66  | 22 | 19 | 6.8  | 0.120    | 10.84   |
| 110 | 50  | 10.0 | 90  | 28 | 14 | 4.6  | 0.186    | 13.82   |
| 110 | 63  | 10.0 | 90  | 28 | 18 | 5.8  | 0.197    | 13.82   |
| 110 | 75  | 10.0 | 85  | 28 | 19 | 6.8  | 0.210    | 13.82   |
| 110 | 90  | 10.0 | 85  | 28 | 22 | 8.2  | 0.225    | 13.82   |
| 125 | 63  | 11.4 | 100 | 32 | 18 | 5.8  | 0.275    | 17.67   |
| 125 | 75  | 11.4 | 100 | 32 | 19 | 6.8  | 0.291    | 17.67   |
| 125 | 90  | 11.4 | 90  | 32 | 22 | 8.2  | 0.282    | 17.67   |
| 125 | 110 | 11.4 | 90  | 32 | 28 | 10   | 0.320    | 17.67   |
| 140 | 75  | 12.7 | 110 | 35 | 19 | 6.8  | 0.383    | 21.42   |
| 140 | 90  | 12.7 | 110 | 35 | 22 | 8.2  | 0.404    | 21.42   |
| 140 | 110 | 12.7 | 100 | 35 | 28 | 10   | 0.409    | 21.42   |
| 140 | 125 | 12.7 | 100 | 35 | 32 | 11.4 | 0.440    | 21.42   |
| 160 | 90  | 14.6 | 115 | 40 | 22 | 8.2  | 0.550    | 25.14   |
| 160 | 110 | 14.6 | 115 | 40 | 28 | 10   | 0.585    | 25.14   |
| 160 | 125 | 14.6 | 110 | 40 | 32 | 11.4 | 0.590    | 25.14   |
| 160 | 140 | 14.6 | 110 | 40 | 35 | 12.7 | 0.620    | 25.14   |
| 180 | 90  | 16.4 | 157 | 45 | 22 | 8.2  | 1.000    | 39.43   |
| 180 | 110 | 16.4 | 157 | 45 | 28 | 10   | 1.000    | 37.15   |
| 180 | 125 | 16.4 | 122 | 45 | 32 | 11.4 | 0.820    | 34.22   |
| 180 | 140 | 16.4 | 136 | 45 | 35 | 12.8 | 0.957    | 32.51   |
| 180 | 160 | 16.4 | 122 | 45 | 40 | 14.6 | 0.905    | 31.00   |
| 200 | 140 | 18.2 | 137 | 50 | 35 | 12.7 | 1.101    | 88.86   |
| 200 | 160 | 18.2 | 132 | 50 | 40 | 14.6 | 1.166    | 78.57   |
| 200 | 180 | 18.2 | 137 | 50 | 45 | 16.4 | 1.310    | 70.36   |
| 225 | 140 | 20.5 | 162 | 55 | 35 | 12.8 | 1.600    | 106.08  |
| 225 | 160 | 20.5 | 136 | 55 | 40 | 14.6 | 1.420    | 91.06   |
| 225 | 180 | 20.5 | 162 | 55 | 45 | 16.4 | 1.920    | 86.65   |
| 225 | 200 | 20.5 | 162 | 55 | 50 | 18.2 | 1.960    | 76.42   |
| 250 | 160 | 22.7 | 149 | 60 | 40 | 14.6 | 1.895    | 121.57  |
| 250 | 180 | 22.7 | 177 | 60 | 45 | 16.4 | 2.420    | 112.57  |
| 250 | 200 | 22.7 | 144 | 60 | 50 | 18.2 | 2.000    | 98.59   |
| 250 | 225 | 22.7 | 144 | 60 | 55 | 20.5 | 2.080    | 103.48  |
| 280 | 200 | 25.4 | 188 | 70 | 50 | 18.2 | 3.440    | 135.42  |
| 280 | 225 | 25.4 | 202 | 70 | 55 | 20.5 | 3.440    | 126.26  |
| 280 | 250 | 25.4 | 165 | 70 | 60 | 22.7 | 3.020    | 121.57  |
| 315 | 200 | 28.6 | 200 | 80 | 50 | 18.2 | 3.860    | 172.87  |
| 315 | 225 | 28.6 | 200 | 80 | 55 | 20.5 | 4.280    | 152.91  |
| 315 | 250 | 28.6 | 200 | 80 | 60 | 22.7 | 4.060    | 139.20  |
| 315 | 280 | 28.6 | 227 | 80 | 70 | 25.4 | 5.125    | 163.13  |

Diam. t.e.m. 630 mm op aanvraag.  
Diam. jusqu'à 630 mm sur demande.  
Diam up to 630 mm on request.

PPH op aanvraag / sur demande /  
on request

stomplasmafittingen  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



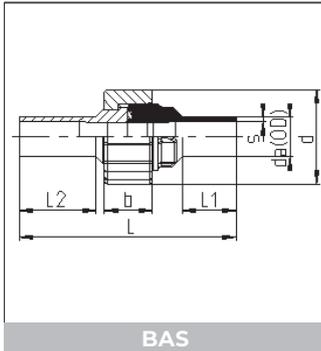
EXCENTRICHE VERLOOPSTUKKEN  
REDUCTIONS EXCENTRIQUES  
EXCENTRIC REDUCERS

| d1   | d2  | SDR 17 |      |     | SDR 11 |      |     |
|------|-----|--------|------|-----|--------|------|-----|
|      |     | s1     | s2   | z   | s1     | s2   | z   |
| 160  | 90  | 9.1    | 5.1  | 150 | 14.6   | 8.2  | 150 |
| 160  | 110 | 9.1    | 6.3  | 130 | 14.6   | 10.0 | 135 |
| 160  | 125 | 9.1    | 7.1  | 120 | 14.6   | 11.4 | 120 |
| 160  | 140 | 9.1    | 8.0  | 105 | 14.6   | 12.8 | 105 |
| 180  | 110 | 10.2   | 6.3  | 150 | 16.4   | 10.0 | 150 |
| 180  | 125 | 10.2   | 7.1  | 140 | 16.4   | 11.4 | 140 |
| 180  | 140 | 10.2   | 8.0  | 125 | 16.4   | 12.8 | 125 |
| 180  | 160 | 10.2   | 9.1  | 105 | 16.4   | 14.6 | 105 |
| 200  | 125 | 11.4   | 7.1  | 155 | 18.2   | 11.4 | 155 |
| 200  | 140 | 11.4   | 8.0  | 145 | 18.2   | 12.8 | 145 |
| 200  | 160 | 11.4   | 9.1  | 125 | 18.2   | 14.6 | 125 |
| 200  | 180 | 11.4   | 10.2 | 105 | 18.2   | 16.4 | 105 |
| 225  | 140 | 12.8   | 8.0  | 170 | 20.5   | 12.8 | 165 |
| 225  | 160 | 12.8   | 9.1  | 150 | 20.5   | 14.6 | 150 |
| 225  | 180 | 12.8   | 10.2 | 130 | 20.5   | 16.4 | 130 |
| 225  | 200 | 12.8   | 11.4 | 110 | 20.5   | 18.2 | 110 |
| 250  | 160 | 14.2   | 9.1  | 175 | 22.8   | 14.6 | 175 |
| 250  | 180 | 14.2   | 10.2 | 155 | 22.8   | 16.4 | 155 |
| 250  | 200 | 14.2   | 11.4 | 135 | 22.8   | 18.2 | 135 |
| 250  | 225 | 14.2   | 12.8 | 110 | 22.8   | 20.5 | 110 |
| 280  | 180 | 15.9   | 10.2 | 185 | 25.5   | 16.4 | 185 |
| 280  | 200 | 15.9   | 11.4 | 165 | 25.5   | 18.2 | 165 |
| 280  | 225 | 15.9   | 12.8 | 140 | 25.5   | 20.5 | 140 |
| 280  | 250 | 15.9   | 14.2 | 115 | 25.5   | 22.8 | 115 |
| 315  | 200 | 17.9   | 11.4 | 200 | 28.7   | 18.2 | 210 |
| 315  | 225 | 17.9   | 12.8 | 175 | 28.7   | 20.5 | 185 |
| 315  | 250 | 17.9   | 14.2 | 150 | 28.7   | 22.8 | 160 |
| 315  | 280 | 17.9   | 15.9 | 120 | 28.7   | 25.5 | 135 |
| 355  | 225 | 20.1   | 12.8 | 210 | 32.3   | 20.5 | 225 |
| 355  | 250 | 20.1   | 14.2 | 190 | 32.3   | 22.8 | 200 |
| 355  | 280 | 20.1   | 15.9 | 160 | 32.3   | 25.5 | 175 |
| 355  | 315 | 20.1   | 17.9 | 135 | 32.3   | 28.7 | 150 |
| 400  | 250 | 22.7   | 14.2 | 235 | 36.4   | 22.8 | 245 |
| 400  | 280 | 22.7   | 15.9 | 205 | 36.4   | 25.5 | 215 |
| 400  | 315 | 22.7   | 17.9 | 180 | 36.4   | 28.7 | 195 |
| 400  | 355 | 22.7   | 20.1 | 145 | 36.4   | 32.3 | 155 |
| 450  | 280 | 25.5   | 15.9 | 255 | 41.0   | 25.5 | 265 |
| 450  | 315 | 25.5   | 17.9 | 230 | 41.0   | 28.7 | 240 |
| 450  | 355 | 25.5   | 20.1 | 195 | 41.0   | 32.3 | 205 |
| 450  | 400 | 25.5   | 22.7 | 150 | 41.0   | 36.4 | 160 |
| 500  | 315 | 28.3   | 17.9 | 290 | 45.5   | 28.7 | 290 |
| 500  | 355 | 28.3   | 20.1 | 250 | 45.5   | 32.3 | 255 |
| 500  | 400 | 28.3   | 22.7 | 210 | 45.5   | 36.4 | 210 |
| 500  | 450 | 28.3   | 25.5 | 160 | 45.5   | 41.0 | 165 |
| 560  | 400 | 31.7   | 22.7 | 265 | 51.0   | 36.4 | 280 |
| 560  | 450 | 31.7   | 25.5 | 220 | 51.0   | 41.0 | 235 |
| 560  | 500 | 31.7   | 28.3 | 180 | 51.0   | 45.5 | 195 |
| 630  | 450 | 35.7   | 25.5 | 290 | 57.3   | 41.0 | 300 |
| 630  | 500 | 35.7   | 28.3 | 250 | 57.3   | 45.5 | 265 |
| 630  | 560 | 35.7   | 31.7 | 195 | 57.3   | 51.0 | 210 |
| 710  | 560 | 40.2   | 31.7 | 270 |        |      |     |
| 710  | 630 | 40.2   | 35.7 | 205 |        |      |     |
| 800  | 560 | -      | -    | 360 |        |      |     |
| 800  | 630 | 45.3   | 35.7 | 290 |        |      |     |
| 800  | 710 | 45.3   | 40.2 | 225 |        |      |     |
| 900  | 630 | -      | -    | 400 |        |      |     |
| 900  | 710 | 51.0   | 40.2 | 330 |        |      |     |
| 900  | 800 | 51.0   | 45.3 | 250 |        |      |     |
| 1000 | 710 | -      | -    | 430 |        |      |     |
| 1000 | 800 | 56.6   | 45.3 | 345 |        |      |     |
| 1000 | 900 | 56.6   | 51.0 | 250 |        |      |     |

prijzen op aanvraag  
prix sur demande  
prices on request

stomplasfittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP



DRIEDELIGE KOPPELINGEN  
RACCORDS UNION  
UNION SOCKETS

Gespoten SDR 11. ISO S5. O-ring in FPM. moer GVK  
Injectés SDR 11. ISO S5. Joint torique en FPM. écrou FRP  
Moulded SDR 11. ISO S5. O-ring in FPM. nut FRP

SDR 11 / ISO S-5

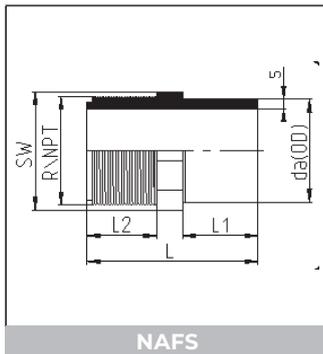
| da  | s   | L   | L1   | L2 | d   | b  | KG/ST/PC | €/ST/PC |
|-----|-----|-----|------|----|-----|----|----------|---------|
| 20  | 1.9 | 108 | 24.0 | 38 | 47  | 24 | 0.046    | 19.96   |
| 25  | 2.3 | 114 | 24.0 | 39 | 57  | 26 | 0.075    | 21.74   |
| 32  | 2.9 | 122 | 25.0 | 39 | 64  | 30 | 0.106    | 26.11   |
| 40  | 3.7 | 128 | 25.0 | 42 | 78  | 31 | 0.168    | 36.91   |
| 50  | 4.6 | 134 | 25.0 | 44 | 89  | 35 | 0.228    | 52.21   |
| 63  | 5.8 | 138 | 25.0 | 44 | 109 | 39 | 0.382    | 71.05   |
| *75 | 6.8 | 132 | 28.0 | 37 | 130 | 40 | 0.593    | 90.87   |
| *90 | 8.2 | 133 | 35.5 | 57 | 130 | 40 | 0.609    | 93.94   |

\* da 75-90 : moer / écrou / nut : PVDF



stomplasmafittings  
raccords pour le soudage bout à bout  
fittings for butt welding

PP-R



OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten. S-5/SDR 11

Eén zijde buitendraad (standaard BSP draad. op aanvraag eveneens met NPT draad leverbaar).

Alleen geschikt voor kunststof draadverbindingen.

Injectés. S-5/SDR 11

Un côté mâle (à filetage BSP. également livrables à filetage NPT).

Uniquement pour des connexions matières synthétiques.

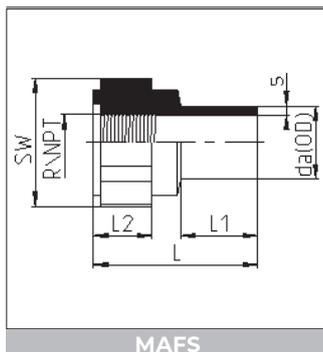
Moulded. S-5/SDR 11

One end male threaded (standard thread BSP. also available with NPT thread).

Only for plastic threaded connections.

| da | s   | L  | L1   | L2   | SW | R      | K     | E     | KG/ST/PC | €/ST/PC |
|----|-----|----|------|------|----|--------|-------|-------|----------|---------|
| 20 | 1.9 | 46 | 20.5 | 18.0 | 22 | 1/2"   | 18.63 | 20.96 | 0.006    | 5.41    |
| 25 | 2.3 | 51 | 22.5 | 20.0 | 27 | 3/4"   | 24.12 | 26.44 | 0.009    | 6.46    |
| 32 | 2.9 | 61 | 29.0 | 24.0 | 36 | 1"     | 30.29 | 33.25 | 0.020    | 8.17    |
| 40 | 3.7 | 66 | 29.0 | 26.5 | 46 | 1 1/4" | 38.95 | 41.91 | 0.033    | 9.82    |
| 50 | 4.6 | 74 | 33.0 | 29.0 | 55 | 1 1/2" | 44.85 | 47.80 | 0.054    | 16.12   |
| 63 | 5.8 | 80 | 35.0 | 32.5 | 65 | 2"     | 56.66 | 59.61 | 0.085    | 20.37   |

NPT op aanvraag / sur demande / on request



OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten. S-5/SDR 11.

Eén zijde binnendraad. GVK versterkt.

Alleen geschikt voor kunststof draadverbindingen.

Injectés. S-5/SDR 11.

Un côté femelle. Renforcé fibre de verre.

Uniquement pour des connexions matières synthétiques.

Moulded. S-5/SDR 11.

One end female threaded. Glassfiber reinforced.

Only for plastic threaded connections.

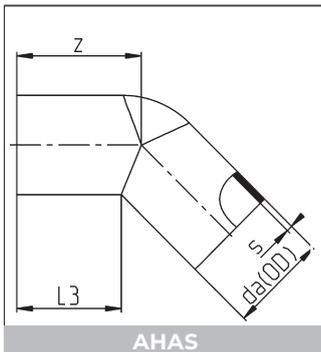
| da | s   | L  | L1 | L2   | SW | R      | K     | E     | KG/ST/PC | €/ST/PC |
|----|-----|----|----|------|----|--------|-------|-------|----------|---------|
| 20 | 1.9 | 45 | 21 | 16   | 32 | 1/2"   | 18.63 | 20.96 | 0.013    | 6.87    |
| 25 | 2.3 | 51 | 24 | 18   | 41 | 3/4"   | 24.12 | 26.44 | 0.025    | 7.78    |
| 32 | 2.9 | 58 | 30 | 20   | 46 | 1"     | 30.29 | 33.25 | 0.033    | 10.20   |
| 40 | 3.7 | 62 | 30 | 24   | 55 | 1 1/4" | 38.95 | 41.91 | 0.050    | 11.67   |
| 50 | 4.6 | 68 | 34 | 25.5 | 70 | 1 1/2" | 44.85 | 47.80 | 0.100    | 18.38   |
| 63 | 5.8 | 75 | 36 | 30   | 85 | 2"     | 56.66 | 59.61 | 0.160    | 23.01   |

NPT: op aanvraag / sur demande / on request



stomplas- en electromoflasfittings - IR  
 raccords pour le soudage bout à bout et electrosoudable - IR  
 fittings for butt and electro socket welding - IR

**PP-R**

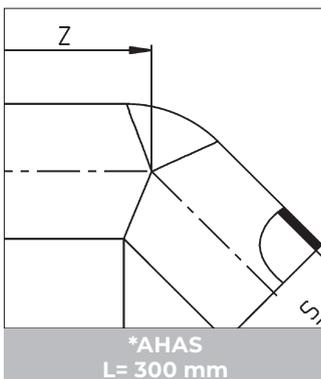


KNIEEN 45°  
 COUDES A 45°  
 ELBOWS 45°

Met verlengde benen. gespoten. Ook geschikt voor electromoflas.

Coudes injectés. à branches allongées. Conviennent aussi pour l'electro-soudage dans l'em-boîture.

Elongated. moulded.. Also suitable for electro socket welding.

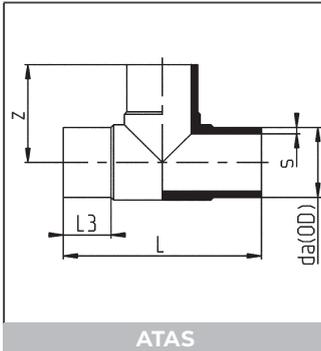


| da  | *AHAS - SDR 33 / ISO S-16 |     |      |             |            | SDR 17 / ISO S-8 |            |           |             |            | SDR 11 / ISO S-5 |            |           |             |            |
|-----|---------------------------|-----|------|-------------|------------|------------------|------------|-----------|-------------|------------|------------------|------------|-----------|-------------|------------|
|     | L2                        | L1  | s    | KG<br>ST/PC | €<br>ST/PC | L3               | z          | s         | KG<br>ST/PC | €<br>ST/PC | L3               | z          | s         | KG<br>ST/PC | €<br>ST/PC |
| 20  |                           |     |      |             |            |                  |            |           |             |            | 39.0             | 44.0       | 1.9       | 0.010       | 2.86       |
| 25  |                           |     |      |             |            |                  |            |           |             |            | 42.0             | 48.0       | 2.3       | 0.016       | 2.96       |
| 32  |                           |     |      |             |            |                  |            |           |             |            | 49.0             | 57.0       | 2.9       | 0.033       | 3.10       |
| 40  |                           |     |      |             |            |                  |            |           |             |            | 53.0             | 63.0       | 3.7       | 0.051       | 3.95       |
| 50  |                           |     |      |             |            |                  |            |           |             |            | 57.0             | 70.0       | 4.6       | 0.050       | 4.99       |
| 63  |                           |     |      |             |            | 66.0             | 80.0       | 3.8       | 0.110       | 6.60       | 67.0             | 80.0       | 5.8       | 0.165       | 7.16       |
| 75  |                           |     |      |             |            | 70.0             | 90.0       | 4.5       | 0.175       | 9.67       | 72.5             | 90.0       | 6.8       | 0.259       | 9.87       |
| 90  |                           |     |      |             |            | 79.0             | 101.0      | 5.4       | 0.291       | 12.61      | 82.0             | 104.0      | 8.2       | 0.423       | 14.30      |
| 110 | 346                       | 356 | 3.4  | 0.79        | 282.33     | 82.0             | 112.0      | 6.6       | 0.481       | 26.51      | 85.0             | 114.0      | 10.0      | 0.668       | 27.18      |
| 125 | 352                       | 362 | 3.9  | 1.09        | 274.09     | 99.5             | 130.5      | 7.4       | 0.670       | 33.67      | 99.5             | 132.5      | 11.4      | 1.015       | 38.33      |
| 140 | 358                       | 368 | 4.3  | 1.40        | 306.86     | 102.0            | 137.0      | 8.3       | 0.847       | 48.93      | 100.0            | 132.5      | 12.7      | 1.340       | 51.25      |
| 160 | 364                       | 389 | 4.9  | 1.76        | 330.00     | 116.5            | 156.5      | 9.5       | 1.280       | 53.95      | 116.5            | 152.5      | 14.6      | 1.980       | 62.41      |
| 180 | 375                       | 395 | 5.5  | 2.24        | 341.95     | 112.0            | 178.5      | 10.7      | 1.960       | 86.54      | 120.5            | 158.5      | 16.4      | 2.780       | 96.27      |
| 200 | 383                       | 403 | 6.2  | 3.00        | 354.15     | 122.5            | 166.0      | 11.9      | 2.150       | 118.37     | 120.5            | 170.5      | 18.2      | 3.440       | 131.52     |
| 225 | 383                       | 403 | 6.9  | 3.63        | 437.02     | 128.0            | 184.0      | 13.4      | 3.040       | 141.21     | 128.0            | 182.5      | 20.5      | 4.660       | 156.78     |
| 250 | 393                       | 413 | 7.7  | 5.00        | 474.17     | 160.0            | 217.0      | 14.8      | 4.760       | 273.24     | 160.0            | 217.0      | 22.7      | 6.760       | 303.61     |
| 280 | 408                       | 438 | 8.6  | 6.05        | 530.30     | 175.0            | 237.0      | 16.6      | 6.200       | 412.63     | 173.0            | 235.0      | 25.4      | 8.940       | 458.47     |
| 315 | 424                       | 464 | 9.7  | 8.30        | 640.81     | 180.0            | 251.0      | 18.7      | 8.320       | 513.49     | 179.0            | 250.0      | 28.6      | 12.260      | 573.62     |
|     |                           |     |      |             |            | <b>*L2</b>       | <b>*L1</b> | <b>*s</b> |             |            | <b>*L2</b>       | <b>*L1</b> | <b>*s</b> |             |            |
| 355 | 424                       | 464 | 10.9 | 10.40       | 937.53     | 424              | 464        | 21.1      | 17.80       | 1128.20    | 424              | 464        | 32.2      | 27.40       | 1583.33    |
| 400 | 424                       | 469 | 12.3 | 12.75       | 1025.27    | 424              | 469        | 23.7      | 22.70       | 1411.70    | 424              | 469        | 36.3      | 34.70       | 2067.38    |
| 450 | 466                       | 511 | 13.8 | 18.10       | 1258.76    | 466              | 511        | 26.7      | 31.60       | 1771.46    | 466              | 511        | 40.9      | 47.80       | 2563.53    |
| 500 |                           |     |      |             |            | 466              | 511        | 29.7      | 39.20       | 2152.25    | 466              | 511        | 45.4      | 59.30       | 3120.20    |



stompas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

PP-R



T-STUKKEN 90° VERLENGD  
TES A 90° ALLONGES  
TEES 90° ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

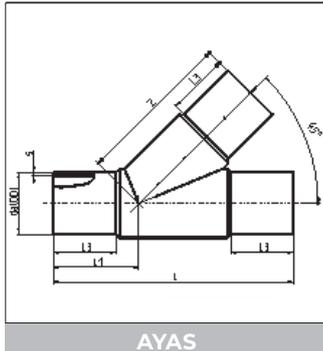
SDR 11 / ISO S-5

| da  | L3    | L   | z   | s    | KG/ST/PC | €/ST/PC |
|-----|-------|-----|-----|------|----------|---------|
| 20  | 37.0  | 109 | 57  | 1.9  | 0.020    | 4.70    |
| 25  | 40.0  | 117 | 59  | 2.3  | 0.034    | 5.38    |
| 32  | 45.0  | 144 | 72  | 2.9  | 0.065    | 6.43    |
| 40  | 51.0  | 168 | 84  | 3.7  | 0.111    | 7.96    |
| 50  | 58.0  | 192 | 97  | 4.6  | 0.188    | 10.53   |
| 63  | 66.0  | 229 | 115 | 5.8  | 0.366    | 14.52   |
| 75  | 71.0  | 264 | 131 | 6.8  | 0.613    | 24.09   |
| 90  | 82.0  | 290 | 145 | 8.2  | 0.954    | 34.28   |
| 110 | 86.0  | 320 | 160 | 10.0 | 1.500    | 50.19   |
| 125 | 93.5  | 356 | 175 | 11.4 | 2.140    | 68.87   |
| 140 | 98.0  | 380 | 190 | 12.7 | 2.760    | 110.68  |
| 160 | 102.5 | 410 | 208 | 14.6 | 4.000    | 143.63  |
| 180 | 138.0 | 528 | 264 | 16.4 | 6.660    | 188.45  |
| 200 | 116.0 | 500 | 250 | 18.2 | 7.740    | 270.49  |
| 225 | 125.5 | 552 | 275 | 20.5 | 10.600   | 320.84  |
| 250 | 148.0 | 630 | 315 | 22.7 | 14.880   | 414.28  |
| 280 | 161.0 | 704 | 352 | 25.4 | 20.320   | 621.21  |
| 315 | 170.0 | 760 | 380 | 28.6 | 27.800   | 795.53  |



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PP-R**



T-STUKKEN 45° VERLENGD  
TES A 45° ALLONGES  
TEES 45° ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

**SDR 17 / ISO S-8**

| da         | s    | z     | L   | L3  | L1  | KG/ST/PC | €/ST/PC        |
|------------|------|-------|-----|-----|-----|----------|----------------|
| <b>63</b>  | 3.8  | 170.0 | 262 | 64  | 93  | 0.390    | <b>48.08</b>   |
| <b>75</b>  | 4.5  | 192.0 | 294 | 71  | 103 | 0.535    | <b>78.24</b>   |
| <b>90</b>  | 5.4  | 230.0 | 351 | 83  | 122 | 0.903    | <b>108.41</b>  |
| <b>110</b> | 6.6  | 250.5 | 385 | 84  | 131 | 1.540    | <b>159.11</b>  |
| <b>125</b> | 7.4  | 292.5 | 431 | 90  | 140 | 2.170    | <b>218.33</b>  |
| <b>140</b> | 8.3  | 315.5 | 468 | 94  | 150 | 2.912    | <b>350.83</b>  |
| <b>160</b> | 9.5  | 360.0 | 526 | 100 | 166 | 4.334    | <b>455.48</b>  |
| <b>180</b> | 10.7 | 390.0 | 568 | 107 | 179 | 5.832    | <b>597.56</b>  |
| <b>200</b> | 11.9 | 416.0 | 605 | 114 | 191 | 8.320    | <b>857.75</b>  |
| <b>225</b> | 13.4 | 474.0 | 678 | 122 | 206 | 11.860   | <b>1019.51</b> |

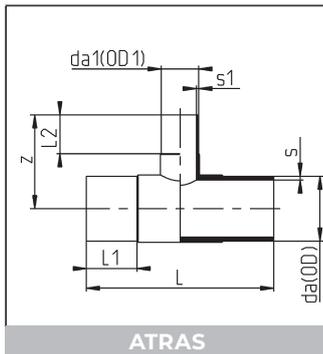
**SDR 11 / ISO S-5**

| da         | s    | z     | L   | L3  | L1  | KG/ST/PC | €/ST/PC        |
|------------|------|-------|-----|-----|-----|----------|----------------|
| <b>32</b>  | 2.9  | 131.0 | 195 | 45  | 65  | 0.110    | <b>23.43</b>   |
| <b>40</b>  | 3.7  | 137.0 | 211 | 50  | 72  | 0.170    | <b>29.08</b>   |
| <b>50</b>  | 4.6  | 148.5 | 228 | 56  | 81  | 0.270    | <b>38.55</b>   |
| <b>63</b>  | 5.8  | 170.0 | 262 | 64  | 93  | 0.495    | <b>53.12</b>   |
| <b>75</b>  | 6.8  | 192.0 | 294 | 71  | 103 | 0.786    | <b>88.13</b>   |
| <b>90</b>  | 8.2  | 230.0 | 351 | 80  | 122 | 1.219    | <b>120.77</b>  |
| <b>110</b> | 10.0 | 250.5 | 385 | 84  | 131 | 2.045    | <b>176.80</b>  |
| <b>125</b> | 11.4 | 300.0 | 431 | 89  | 140 | 2.938    | <b>242.67</b>  |
| <b>140</b> | 12.7 | 323.0 | 467 | 94  | 150 | 3.927    | <b>389.97</b>  |
| <b>160</b> | 14.6 | 369.0 | 530 | 100 | 166 | 5.862    | <b>506.04</b>  |
| <b>180</b> | 16.4 | 383.0 | 568 | 107 | 179 | 7.864    | <b>664.00</b>  |
| <b>200</b> | 18.2 | 422.5 | 605 | 114 | 191 | 10.800   | <b>953.55</b>  |
| <b>225</b> | 20.5 | 474.0 | 678 | 122 | 206 | 15.420   | <b>1133.17</b> |



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PP-R**



VERLOOP T-STUKKEN 90° VERLENGD  
TES REDUITS A 90° ALLONGES  
TEES 90° REDUCING ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

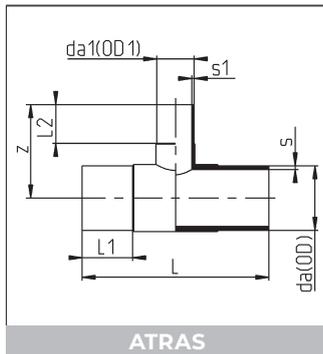
SDR 17 / ISO S-8

| da/ da1 | s    | z     | L   | L1    | L2    | s1   | KG/ST/PC | €/ST/PC |
|---------|------|-------|-----|-------|-------|------|----------|---------|
| 63/ 50  | 3.8  | 103.0 | 220 | 63.0  | 56.0  | 3.0  | 0.208    | 15.70   |
| 75/ 50  | 4.5  | 110.0 | 265 | 75.0  | 56.0  | 3.0  | 0.406    | 23.84   |
| 75/ 63  | 4.5  | 117.0 | 260 | 72.0  | 63.0  | 3.8  | 0.415    | 24.22   |
| 90/ 63  | 5.4  | 138.5 | 275 | 81.0  | 64.0  | 3.8  | 0.591    | 33.90   |
| 90/ 75  | 5.4  | 138.0 | 278 | 77.0  | 68.0  | 4.5  | 0.570    | 34.21   |
| 110/ 63 | 6.6  | 159.0 | 315 | 87.0  | 65.0  | 3.8  | 0.957    | 50.28   |
| 110/ 75 | 6.6  | 151.0 | 315 | 85.0  | 70.0  | 4.5  | 0.850    | 50.28   |
| 110/ 90 | 6.6  | 156.0 | 317 | 85.0  | 79.5  | 5.4  | 0.915    | 51.47   |
| 125/ 63 | 7.4  | 170.0 | 350 | 110.0 | 70.0  | 3.8  | 1.380    | 69.84   |
| 125/ 90 | 7.4  | 170.0 | 351 | 110.0 | 85.0  | 5.4  | 1.300    | 69.84   |
| 125/110 | 7.4  | 170.0 | 340 | 90.0  | 83.0  | 6.6  | 1.235    | 69.84   |
| 160/ 63 | 9.5  | 175.0 | 347 | 100.0 | 67.0  | 3.8  | 1.920    | 138.42  |
| 160/ 75 | 9.5  | 179.0 | 348 | 101.0 | 76.0  | 4.5  | 1.905    | 142.61  |
| 160/ 90 | 9.5  | 182.0 | 349 | 101.0 | 80.0  | 5.4  | 1.940    | 142.61  |
| 160/110 | 9.5  | 202.0 | 400 | 100.0 | 85.0  | 6.6  | 2.360    | 143.93  |
| 180/ 90 | 10.7 | 202.0 | 427 | 138.0 | 97.0  | 5.4  | 2.800    | 192.41  |
| 200/ 63 | 11.9 | 225.0 | 550 | 134.0 | 80.0  | 3.8  | 4.963    | 258.69  |
| 200/ 90 | 11.9 | 229.0 | 560 | 134.0 | 95.0  | 5.4  | 5.124    | 258.69  |
| 200/110 | 11.9 | 245.0 | 560 | 136.0 | 105.0 | 6.6  | 5.220    | 258.69  |
| 200/125 | 11.9 | 240.0 | 550 | 134.0 | 110.0 | 7.4  | 5.260    | 258.69  |
| 200/160 | 11.9 | 275.0 | 564 | 137.0 | 118.0 | 9.5  | 6.154    | 258.57  |
| 225/ 75 | 13.4 | 226.0 | 451 | 120.0 | 75.0  | 4.5  | 4.900    | 324.67  |
| 225/ 90 | 13.4 | 226.0 | 450 | 120.0 | 79.0  | 5.4  | 5.000    | 324.67  |
| 225/110 | 13.4 | 226.0 | 458 | 124.0 | 85.0  | 6.6  | 4.960    | 325.71  |
| 225/160 | 13.4 | 250.0 | 505 | 122.5 | 100.0 | 9.5  | 6.260    | 326.65  |
| 225/180 | 13.4 | 280.0 | 558 | 135.0 | 135.0 | 10.7 | 7.100    | 327.22  |
| 250/110 | 14.8 | 247.0 | 632 | 152.0 | 87.0  | 6.6  | 9.980    | 541.06  |
| 250/160 | 14.8 | 272.0 | 630 | 148.0 | 101.0 | 9.5  | 10.540   | 541.06  |
| 250/200 | 14.8 | 294.0 | 630 | 148.0 | 118.5 | 11.9 | 11.060   | 541.06  |
| 315/110 | 18.7 | 292.0 | 555 | 170.0 | 102.0 | 6.6  | 11.400   | 902.90  |
| 315/160 | 18.7 | 315.0 | 585 | 170.0 | 120.0 | 9.5  | 12.560   | 902.90  |
| 315/225 | 18.7 | 335.0 | 650 | 170.0 | 145.0 | 13.4 | 13.980   | 943.91  |
| 315/250 | 18.7 | 340.0 | 680 | 170.0 | 150.0 | 14.8 | 16.200   | 943.91  |



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

**PP-R**



VERLOOP T-STUKKEN 90° VERLENGD  
TES REDUITS A 90° ALLONGES  
TEES 90° REDUCING ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'electro-soudage.  
Moulded. Also suitable for electric socket welding.

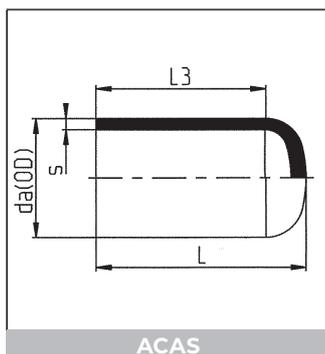
SDR 11 / ISO S-5

| da      | s    | z     | L     | L1    | L2    | s1   | KG/ST/PC | €/ST/PC        |
|---------|------|-------|-------|-------|-------|------|----------|----------------|
| 63/ 25  | 5.8  | 88.0  | 231.0 | 65.0  | 42.5  | 2.3  | 0.190    | <b>16.99</b>   |
| 63/ 32  | 5.8  | 92.0  | 230.5 | 66.0  | 45.5  | 2.9  | 0.295    | <b>16.99</b>   |
| 63/ 40  | 5.8  | 96.0  | 229.0 | 66.0  | 51.0  | 3.7  | 0.290    | <b>16.99</b>   |
| 63/ 50  | 5.8  | 102.5 | 231.0 | 66.0  | 56.0  | 4.6  | 0.292    | <b>16.99</b>   |
| 75/ 32  | 6.8  | 107.5 | 265.0 | 75.5  | 47.0  | 2.9  | 0.498    | <b>26.61</b>   |
| 75/ 50  | 6.8  | 110.0 | 265.0 | 75.0  | 56.0  | 4.6  | 0.530    | <b>26.61</b>   |
| 75/ 63  | 6.8  | 117.0 | 260.0 | 72.0  | 63.0  | 5.8  | 0.537    | <b>27.17</b>   |
| 90/ 63  | 8.2  | 138.5 | 275.0 | 81.0  | 64.0  | 5.8  | 0.739    | <b>37.94</b>   |
| 90/ 75  | 8.2  | 140.0 | 278.0 | 77.0  | 71.0  | 6.8  | 0.796    | <b>38.21</b>   |
| 110/ 63 | 10.0 | 159.0 | 315.0 | 87.0  | 65.0  | 5.8  | 1.240    | <b>56.23</b>   |
| 110/ 75 | 10.0 | 151.0 | 315.0 | 85.0  | 70.0  | 6.8  | 1.180    | <b>56.23</b>   |
| 110/ 90 | 10.0 | 156.0 | 317.0 | 85.0  | 79.5  | 8.2  | 1.261    | <b>57.01</b>   |
| 125/ 90 | 11.4 | 170.0 | 340.0 | 112.0 | 92.0  | 8.2  | 1.640    | <b>78.24</b>   |
| 125/110 | 11.4 | 170.0 | 340.0 | 90.0  | 83.0  | 10.0 | 1.850    | <b>78.24</b>   |
| 160/ 63 | 14.6 | 175.0 | 347.0 | 100.0 | 67.0  | 5.8  | 2.560    | <b>153.80</b>  |
| 160/ 75 | 14.6 | 179.0 | 348.0 | 101.0 | 76.0  | 6.8  | 2.620    | <b>155.08</b>  |
| 160/ 90 | 14.6 | 182.0 | 349.0 | 101.0 | 80.0  | 8.2  | 2.620    | <b>155.08</b>  |
| 160/110 | 14.6 | 202.0 | 400.0 | 100.0 | 85.0  | 10.0 | 3.160    | <b>158.96</b>  |
| 180/ 90 | 16.4 | 201.0 | 427.0 | 138.0 | 97.0  | 8.2  | 4.240    | <b>213.13</b>  |
| 180/110 | 16.4 | 225.0 | 464.0 | 148.0 | 101.0 | 10.0 | 4.600    | <b>213.13</b>  |
| 200/ 63 | 18.2 | 226.0 | 560.0 | 135.0 | 81.0  | 5.8  | 6.940    | <b>213.13</b>  |
| 200/ 90 | 18.2 | 230.0 | 560.0 | 137.0 | 92.0  | 8.2  | 6.860    | <b>286.78</b>  |
| 200/110 | 18.2 | 245.0 | 560.0 | 136.0 | 105.0 | 10.0 | 6.980    | <b>286.78</b>  |
| 200/125 | 18.2 | 240.0 | 560.0 | 134.0 | 110.0 | 11.4 | 6.920    | <b>286.78</b>  |
| 200/160 | 18.2 | 275.0 | 564.0 | 137.0 | 118.0 | 14.6 | 8.340    | <b>286.78</b>  |
| 225/ 75 | 20.5 | 226.0 | 455.0 | 124.0 | 75.0  | 6.8  | 6.620    | <b>360.40</b>  |
| 225/ 90 | 20.5 | 226.0 | 456.0 | 124.0 | 79.0  | 8.2  | 6.660    | <b>360.40</b>  |
| 225/110 | 20.5 | 226.0 | 456.0 | 124.0 | 85.0  | 10.0 | 6.660    | <b>360.40</b>  |
| 225/160 | 20.5 | 250.0 | 498.0 | 120.0 | 100.0 | 14.6 | 8.220    | <b>361.82</b>  |
| 225/180 | 20.5 | 280.0 | 558.0 | 135.0 | 135.0 | 16.4 | 9.200    | <b>363.11</b>  |
| 250/110 | 22.7 | 247.0 | 632.0 | 152.0 | 87.0  | 10.0 | 12.460   | <b>601.20</b>  |
| 250/160 | 22.7 | 272.0 | 634.0 | 152.0 | 101.0 | 14.6 | 12.960   | <b>601.20</b>  |
| 250/200 | 22.7 | 294.0 | 630.0 | 148.0 | 118.5 | 18.2 | 14.060   | <b>601.20</b>  |
| 315/110 | 28.6 | 292.0 | 555.0 | 170.0 | 102.0 | 10.0 | 15.680   | <b>981.41</b>  |
| 315/160 | 28.6 | 315.0 | 585.0 | 170.0 | 120.0 | 14.6 | 17.020   | <b>981.41</b>  |
| 315/225 | 28.6 | 335.0 | 650.0 | 170.0 | 145.0 | 20.5 | 20.580   | <b>981.41</b>  |
| 315/250 | 28.6 | 340.0 | 680.0 | 170.0 | 150.0 | 22.7 | 21.840   | <b>1025.97</b> |



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et electrosoudable - IR  
fittings for butt and electro socket welding - IR

PP-R



EINDKAPPEN VERLENGD  
BOUCHONS ALLONGES  
END CAPS ELONGATED

SDR 11

Gespoten. Ook geschikt voor electromoflas.  
Injectés. Convient aussi pour l'électro-soudage.  
Moulded. Also suitable for electric socket welding.

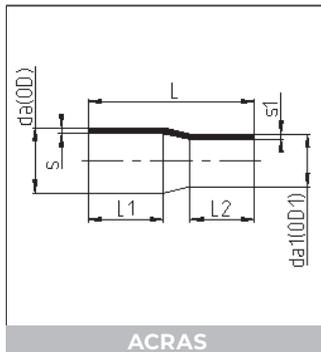
ISO S-5/SDR 11

| da         | L3    | L   | S    | KG/ST/PC | €/ST/PC       |
|------------|-------|-----|------|----------|---------------|
| <b>20</b>  | 41.0  | 47  | 1.9  | 0.006    | <b>3.65</b>   |
| <b>25</b>  | 41.0  | 49  | 2.3  | 0.008    | <b>4.03</b>   |
| <b>32</b>  | 47.0  | 56  | 2.9  | 0.016    | <b>5.06</b>   |
| <b>40</b>  | 51.0  | 64  | 3.7  | 0.027    | <b>6.25</b>   |
| <b>50</b>  | 60.0  | 73  | 4.6  | 0.048    | <b>8.17</b>   |
| <b>63</b>  | 68.0  | 84  | 5.8  | 0.088    | <b>10.77</b>  |
| <b>75</b>  | 75.0  | 93  | 6.8  | 0.140    | <b>16.68</b>  |
| <b>90</b>  | 84.0  | 109 | 8.2  | 0.240    | <b>25.33</b>  |
| <b>110</b> | 104.0 | 136 | 10.0 | 0.457    | <b>34.32</b>  |
| <b>125</b> | 102.0 | 138 | 11.4 | 0.565    | <b>37.09</b>  |
| <b>140</b> | 106.0 | 144 | 12.7 | 0.788    | <b>46.39</b>  |
| <b>160</b> | 118.5 | 170 | 14.6 | 1.140    | <b>52.00</b>  |
| <b>180</b> | 115.0 | 164 | 16.4 | 1.420    | <b>67.59</b>  |
| <b>200</b> | 127.0 | 181 | 18.2 | 1.880    | <b>84.21</b>  |
| <b>225</b> | 131.0 | 202 | 20.5 | 2.680    | <b>100.50</b> |
| <b>250</b> | 161.0 | 230 | 22.7 | 3.760    | <b>150.62</b> |
| <b>280</b> | 162.0 | 257 | 25.4 | 5.240    | <b>213.92</b> |
| <b>315</b> | 171.0 | 272 | 28.6 | 6.870    | <b>287.62</b> |



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

PP-R



ACRAS

CONCENTRICHE VERLOOPSTUKKEN VERLENGD  
REDUCTIONS CONCENTRIQUES ALLONGEES  
CONCENTRIC REDUCERS ELONGATED

L = 5 m. gladde uitvoering

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

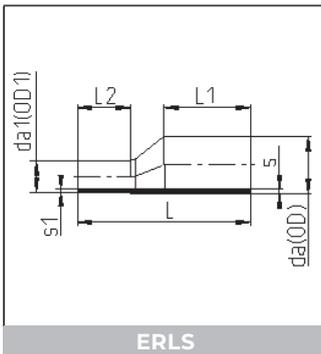
SDR 11 / ISO S-5

| da  | da1 | L   | L1    | L2    | s    | s1   | KG/ST/PC | €/ST/PC |
|-----|-----|-----|-------|-------|------|------|----------|---------|
| 25  | 20  | 88  | 41.5  | 41.5  | 2.3  | 1.9  | 0.012    | 3.13    |
| 32  | 20  | 92  | 45.5  | 40.0  | 2.9  | 1.9  | 0.017    | 3.48    |
| 32  | 25  | 92  | 44.0  | 41.0  | 2.9  | 2.3  | 0.020    | 3.48    |
| 40  | 20  | 102 | 50.5  | 39.0  | 3.7  | 1.9  | 0.028    | 5.06    |
| 40  | 25  | 102 | 50.5  | 40.5  | 3.7  | 2.3  | 0.034    | 5.06    |
| 40  | 32  | 104 | 51.0  | 45.0  | 3.7  | 2.9  | 0.037    | 5.06    |
| 50  | 25  | 118 | 55.0  | 44.0  | 4.6  | 2.3  | 0.051    | 6.27    |
| 50  | 32  | 118 | 59.0  | 46.0  | 4.6  | 2.9  | 0.040    | 6.27    |
| 50  | 40  | 126 | 57.0  | 50.0  | 4.6  | 3.7  | 0.068    | 6.27    |
| 63  | 25  | 138 | 65.0  | 44.0  | 5.8  | 2.3  | 0.090    | 8.31    |
| 63  | 32  | 136 | 64.0  | 49.0  | 5.8  | 2.9  | 0.097    | 8.31    |
| 63  | 40  | 128 | 59.0  | 50.0  | 5.8  | 3.7  | 0.099    | 8.31    |
| 63  | 50  | 150 | 66.0  | 59.0  | 5.8  | 4.6  | 0.128    | 8.31    |
| 75  | 50  | 148 | 64.0  | 58.0  | 6.8  | 4.6  | 0.159    | 12.89   |
| 75  | 63  | 149 | 65.0  | 64.0  | 6.8  | 5.8  | 0.183    | 12.89   |
| 90  | 63  | 157 | 72.0  | 60.0  | 8.2  | 5.8  | 0.250    | 18.04   |
| 90  | 75  | 163 | 75.0  | 63.0  | 8.2  | 6.8  | 0.282    | 18.17   |
| 110 | 63  | 180 | 83.0  | 63.0  | 10.0 | 5.8  | 0.405    | 24.25   |
| 110 | 90  | 180 | 83.0  | 75.0  | 10.0 | 8.2  | 0.484    | 24.25   |
| 125 | 63  | 187 | 87.0  | 61.0  | 11.4 | 5.8  | 0.532    | 29.21   |
| 125 | 90  | 190 | 92.0  | 75.0  | 11.4 | 8.2  | 0.608    | 29.21   |
| 125 | 110 | 200 | 89.0  | 82.0  | 11.4 | 10.0 | 0.697    | 29.21   |
| 140 | 125 | 215 | 95.0  | 95.0  | 12.7 | 11.4 | 0.940    | 41.94   |
| 160 | 90  | 220 | 99.0  | 85.0  | 14.6 | 8.2  | 1.000    | 55.98   |
| 160 | 110 | 220 | 99.0  | 88.0  | 14.6 | 10.0 | 1.120    | 56.14   |
| 160 | 125 | 228 | 98.0  | 92.0  | 14.6 | 11.4 | 1.280    | 56.14   |
| 160 | 140 | 229 | 101.0 | 96.0  | 14.6 | 12.7 | 1.300    | 56.47   |
| 180 | 125 | 272 | 131.0 | 96.0  | 16.4 | 11.4 | 1.790    | 72.75   |
| 180 | 160 | 245 | 110.0 | 108.0 | 16.4 | 14.6 | 2.000    | 72.75   |
| 200 | 160 | 252 | 112.0 | 102.0 | 18.2 | 14.6 | 2.140    | 79.73   |
| 225 | 160 | 270 | 128.0 | 101.0 | 20.5 | 14.6 | 2.800    | 128.26  |
| 250 | 160 | 317 | 155.0 | 113.0 | 22.7 | 14.6 | 3.880    | 173.41  |
| 250 | 200 | 314 | 146.0 | 125.0 | 22.7 | 18.2 | 4.200    | 181.38  |
| 250 | 225 | 315 | 153.0 | 133.0 | 22.7 | 20.5 | 4.540    | 181.38  |
| 280 | 250 | 355 | 165.0 | 155.0 | 25.4 | 22.7 | 6.220    | 241.73  |
| 315 | 200 | 380 | 180.0 | 134.0 | 28.6 | 18.2 | 7.120    | 311.02  |
| 315 | 250 | 375 | 170.0 | 155.0 | 28.6 | 22.7 | 7.760    | 311.02  |



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

PP-R



EXCENTRICHE VERLOOPSTUKKEN VERLENGD  
REDUCTIONS EXCENTRIQUES ALLONGEES  
EXCENTRIC REDUCERS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

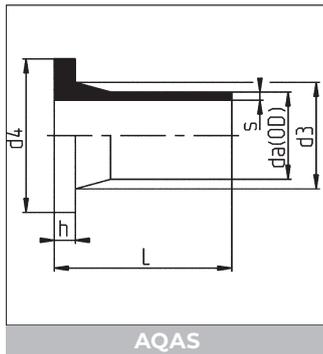
SDR 11 / ISO S-5

| da/da'  | L     | L1    | L2    | s    | s1   | KG/ST/PC | €/ST/PC |
|---------|-------|-------|-------|------|------|----------|---------|
| 25/ 20  | 103.0 | 51.0  | 38.0  | 2.3  | 1.9  | 0.018    | 3.71    |
| 32/ 25  | 114.0 | 56.0  | 40.0  | 3.0  | 2.3  | 0.020    | 4.35    |
| 40/ 25  | 126.0 | 60.0  | 40.0  | 3.7  | 2.3  | 0.046    | 5.93    |
| 40/ 32  | 125.0 | 59.0  | 44.0  | 3.7  | 3.0  | 0.045    | 5.93    |
| 50/ 32  | 156.0 | 71.0  | 45.0  | 4.6  | 2.9  | 0.082    | 7.41    |
| 50/ 40  | 157.0 | 71.0  | 49.0  | 4.6  | 3.7  | 0.085    | 7.41    |
| 63/ 32  | 177.0 | 75.0  | 45.0  | 5.8  | 2.9  | 0.127    | 10.65   |
| 63/ 40  | 177.0 | 76.0  | 49.0  | 5.8  | 3.7  | 0.130    | 10.65   |
| 63/ 50  | 177.0 | 76.0  | 56.0  | 5.8  | 4.6  | 0.149    | 10.65   |
| 75/ 50  | 197.0 | 84.0  | 57.0  | 6.8  | 4.6  | 0.216    | 16.45   |
| 75/ 63  | 197.0 | 83.0  | 63.0  | 6.8  | 5.8  | 0.243    | 16.45   |
| 90/ 63  | 220.0 | 92.0  | 64.0  | 8.2  | 5.8  | 0.345    | 23.05   |
| 90/ 75  | 223.0 | 97.0  | 70.0  | 8.2  | 6.8  | 0.390    | 23.05   |
| 110/ 63 | 247.0 | 99.0  | 63.0  | 10.0 | 5.8  | 0.550    | 31.05   |
| 110/ 90 | 244.0 | 98.0  | 79.0  | 10.0 | 8.2  | 0.629    | 31.05   |
| 125/ 63 | 268.0 | 105.0 | 63.0  | 11.4 | 5.8  | 0.785    | 37.23   |
| 125/ 90 | 265.0 | 106.5 | 79.0  | 11.4 | 8.2  | 0.856    | 37.23   |
| 125/110 | 265.0 | 103.0 | 87.0  | 11.4 | 10.0 | 0.927    | 37.23   |
| 140/125 | 287.0 | 113.5 | 94.0  | 12.7 | 11.4 | 1.265    | 53.63   |
| 160/ 90 | 309.0 | 117.5 | 79.0  | 14.6 | 8.2  | 1.480    | 71.59   |
| 160/110 | 309.0 | 115.5 | 87.0  | 14.6 | 10.0 | 1.560    | 71.59   |
| 160/125 | 309.0 | 116.5 | 91.0  | 14.6 | 11.4 | 1.658    | 71.59   |
| 160/140 | 308.0 | 116.5 | 98.0  | 14.6 | 12.7 | 1.760    | 71.59   |
| 180/ 90 | 348.0 | 128.5 | 79.0  | 16.4 | 8.2  | 2.120    | 93.06   |
| 180/125 | 353.0 | 135.5 | 93.0  | 16.4 | 11.4 | 2.380    | 93.06   |
| 180/160 | 353.0 | 135.5 | 104.0 | 16.4 | 14.6 | 2.680    | 93.06   |
| 200/160 | 373.0 | 138.5 | 104.0 | 18.2 | 14.6 | 3.200    | 101.97  |
| 200/180 | 373.0 | 143.5 | 111.0 | 18.2 | 16.4 | 3.410    | 101.97  |
| 225/160 | 405.0 | 154.5 | 102.5 | 20.5 | 14.6 | 4.200    | 164.02  |
| 225/180 | 403.0 | 154.5 | 111.0 | 20.5 | 16.4 | 4.440    | 164.02  |
| 225/200 | 403.0 | 155.5 | 126.0 | 20.5 | 18.2 | 4.623    | 164.02  |
| 250/200 | 440.5 | 180.0 | 120.0 | 22.7 | 18.2 | 6.020    | 215.27  |
| 250/225 | 442.0 | 182.0 | 125.0 | 22.7 | 20.5 | 6.336    | 215.27  |



stomplas- en electromoflasfittings - IR  
raccords pour le soudage bout à bout et électrosoudable - IR  
fittings for butt and electro socket welding - IR

**PP-R**



VOORLASKRAGEN. VERLENGD  
COLLETS ALLONGEES  
STUBS ELONGATED

Gespoten. Ook geschikt voor electromoflas.  
Injectées. Convient également pour l'électrosoudage.  
Moulded. Also suitable for electro socket welding.

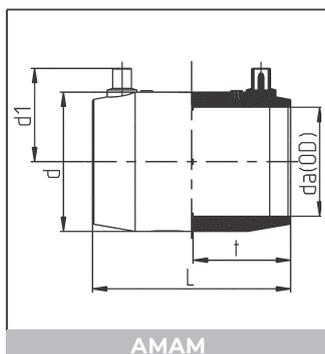
**SDR 11 / ISO S-5**

| da  | s    | L     | L3  | d3  | d4  | h  | KG/ST/PC | €/ST/PC |
|-----|------|-------|-----|-----|-----|----|----------|---------|
| 20  | 1.9  | 88.0  | 64  | 27  | 45  | 7  | 0.020    | 4.21    |
| 25  | 2.3  | 88.0  | 64  | 33  | 58  | 9  | 0.035    | 4.39    |
| 32  | 2.9  | 89.0  | 61  | 40  | 68  | 10 | 0.054    | 5.12    |
| 40  | 3.7  | 102.0 | 67  | 50  | 78  | 11 | 0.083    | 6.08    |
| 50  | 4.6  | 102.0 | 69  | 61  | 88  | 12 | 0.118    | 7.39    |
| 63  | 5.8  | 124.0 | 78  | 75  | 102 | 14 | 0.210    | 9.36    |
| 75  | 6.8  | 127.5 | 89  | 89  | 122 | 16 | 0.295    | 12.08   |
| 90  | 8.2  | 143.0 | 104 | 105 | 138 | 17 | 0.438    | 15.78   |
| 110 | 10.0 | 162.0 | 115 | 125 | 158 | 18 | 0.705    | 20.08   |
| 125 | 11.4 | 173.0 | 124 | 132 | 158 | 25 | 0.841    | 24.48   |
| 140 | 12.7 | 193.0 | 133 | 155 | 188 | 25 | 1.240    | 35.22   |
| 160 | 14.6 | 203.0 | 148 | 175 | 212 | 25 | 1.680    | 47.70   |
| 180 | 16.4 | 213.0 | 158 | 183 | 212 | 30 | 1.940    | 61.12   |
| 200 | 18.2 | 213.0 | 140 | 232 | 268 | 32 | 3.080    | 86.71   |
| 225 | 20.5 | 213.0 | 145 | 235 | 268 | 32 | 3.180    | 89.43   |
| 250 | 22.7 | 210.0 | 132 | 285 | 320 | 35 | 4.500    | 137.02  |
| 280 | 25.4 | 220.0 | 143 | 288 | 320 | 35 | 5.000    | 166.91  |
| 315 | 28.6 | 238.0 | 154 | 335 | 370 | 35 | 7.000    | 221.96  |



electromoflasfittings  
raccords pour electrosoudable  
fittings for electro socket welding

PP-R



ELECTROLASMOFFEN  
MANCHONS ELECTRO-SOUDAGE  
ELECTRO WELDING SLEEVES

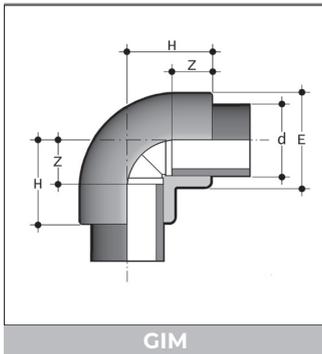
Geschikt voor PP. 40 V  
Pour PP. 40 V  
For PP. 40 V

| da         | L   | d     | d1    | t     | SDR   | KG/ST/PC | €/ST/PC        |
|------------|-----|-------|-------|-------|-------|----------|----------------|
| <b>20</b>  | 75  | 31.2  | 35.0  | 38.0  | 7.4-6 | 0.040    | <b>24.26</b>   |
| <b>25</b>  | 81  | 36.2  | 38.0  | 41.0  | 11-6  | 0.048    | <b>27.78</b>   |
| <b>32</b>  | 87  | 44.0  | 42.0  | 44.0  | 11-6  | 0.066    | <b>30.93</b>   |
| <b>40</b>  | 98  | 55.0  | 44.5  | 49.0  | 11-6  | 0.104    | <b>32.57</b>   |
| <b>50</b>  | 110 | 65.0  | 50.0  | 55.0  | 17-6  | 0.140    | <b>45.34</b>   |
| <b>63</b>  | 126 | 80.0  | 56.5  | 63.0  | 17-6  | 0.220    | <b>48.11</b>   |
| <b>75</b>  | 141 | 97.0  | 65.5  | 70.0  | 17-6  | 0.350    | <b>74.28</b>   |
| <b>90</b>  | 142 | 114.0 | 73.0  | 70.0  | 17-6  | 0.494    | <b>97.79</b>   |
| <b>110</b> | 153 | 140.0 | 83.0  | 75.0  | 17-6  | 0.780    | <b>111.59</b>  |
| <b>125</b> | 171 | 161.0 | 90.5  | 85.0  | 17-11 | 1.260    | <b>174.48</b>  |
| <b>140</b> | 181 | 180.0 | 98.0  | 90.0  | 17-11 | 1.600    | <b>197.87</b>  |
| <b>160</b> | 181 | 200.0 | 108.5 | 90.0  | 17-11 | 1.710    | <b>226.69</b>  |
| <b>180</b> | 202 | 222.0 | 119.0 | 99.0  | 17-11 | 2.360    | <b>398.50</b>  |
| <b>200</b> | 217 | 246.0 | 129.0 | 106.5 | 17-11 | 3.180    | <b>374.65</b>  |
| <b>225</b> | 233 | 277.0 | 144.0 | 115.0 | 17-11 | 4.300    | <b>461.97</b>  |
| <b>250</b> | 242 | 310.0 | 159.0 | 119.0 | 17-11 | 5.680    | <b>1031.76</b> |
| <b>280</b> | 254 | 349.0 | 180.0 | 125.0 | 17-11 | 7.400    | <b>1510.57</b> |
| <b>315</b> | 262 | 393.0 | 201.0 | 130.0 | 17-11 | 10.330   | <b>1680.97</b> |
| <b>355</b> | 282 | 445.0 | 225.0 | 140.0 | 17-11 | 14.750   | <b>1961.95</b> |



**moflasfittings**  
**raccords pour le soudage dans l'emboîture**  
**fittings for socket welding**

**PP**

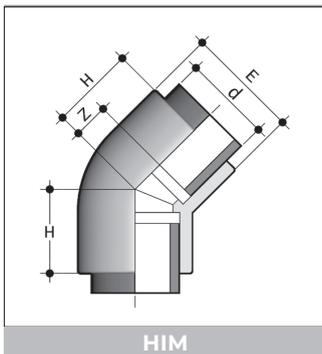


**KNIEEN 90°**  
**COUDES A 90°**  
**ELBOWS 90°**

**PN 10**

Gespoten  
 Injectés  
 Moulded

| D   | H     | Z    | E     | €/ST/PC |
|-----|-------|------|-------|---------|
| 20  | 27.5  | 13.0 | 27.5  | 4.09    |
| 25  | 32.0  | 16.0 | 33.5  | 4.91    |
| 32  | 37.0  | 20.0 | 41.5  | 5.92    |
| 40  | 42.5  | 22.0 | 51.5  | 7.45    |
| 50  | 51.0  | 27.5 | 63.5  | 13.76   |
| 63  | 61.0  | 33.5 | 78.5  | 17.88   |
| 75  | 73.0  | 42.0 | 92.5  | 37.16   |
| 90  | 64.5  | 49.0 | 110.5 | 45.62   |
| 110 | 100.5 | 59.0 | 135.0 | 68.43   |



**KNIEEN 45°**  
**COUDES A 45°**  
**ELBOWS 45°**

**PN 10**

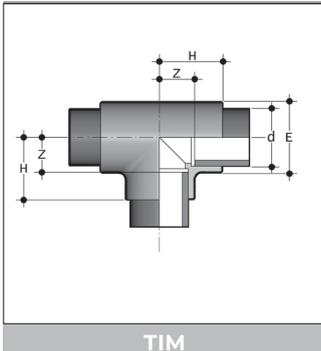
Gespoten  
 Injectés  
 Moulded

| d   | D     | L    | Z    | €/ST/PC |
|-----|-------|------|------|---------|
| 20  | 27.5  | 21.0 | 6.5  | 5.92    |
| 25  | 33.5  | 24.5 | 8.5  | 6.30    |
| 32  | 42.0  | 29.0 | 12.0 | 7.73    |
| 40  | 51.5  | 35.5 | 15.0 | 10.73   |
| 50  | 63.0  | 42.5 | 19.0 | 13.76   |
| 63  | 79.0  | 51.0 | 23.5 | 18.30   |
| 75  | 93.0  | 51.0 | 20.0 | 33.92   |
| 90  | 114.0 | 58.0 | 23.0 | 47.54   |
| 110 | 135.0 | 68.0 | 27.0 | 70.51   |



moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

PP



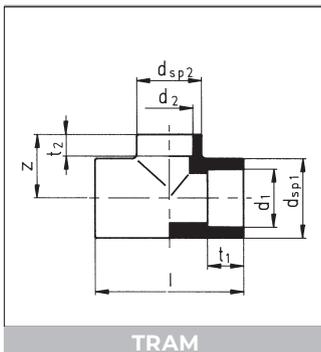
TIM

T-STUKKEN 90°  
TES A 90°  
TEES 90°

PN 10

Gespoten  
Injectés  
Moulded

| D   | H    | Z    | E     | €/ST/PC |
|-----|------|------|-------|---------|
| 20  | 27.5 | 13.0 | 27.5  | 4.69    |
| 25  | 31.5 | 15.5 | 33.5  | 5.38    |
| 32  | 37.0 | 19.0 | 41.5  | 6.30    |
| 40  | 42.0 | 22.5 | 52.0  | 8.09    |
| 50  | 52.0 | 28.5 | 64.0  | 14.33   |
| 63  | 62.5 | 35.0 | 79.5  | 18.24   |
| 75  | 71.0 | 40.0 | 92.5  | 42.35   |
| 90  | 81.5 | 46.0 | 110.5 | 68.32   |
| 110 | 99.5 | 58.0 | 134.5 | 86.75   |



TRAM

VERLOOP T-STUKKEN 90°  
TES REDUITS A 90°  
REDUCED TEES 90°

PN 10

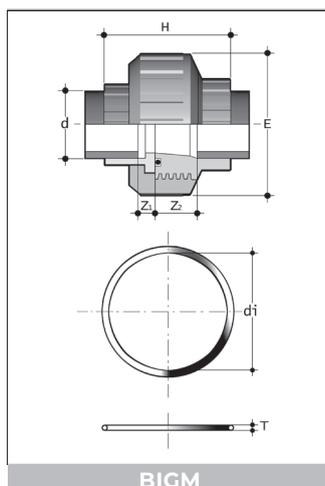
Gespoten  
Injectés  
Moulded

| d1 x d2 | dsp1 | dsp2 | t1   | t2   | l <sup>st</sup> | z    | KG/ST/PC | €/ST/PC |
|---------|------|------|------|------|-----------------|------|----------|---------|
| 25 x 20 | 34.8 | 29.9 | 18.4 | 16.1 | 68.5            | 31.9 | 0.04     | 5.57    |
| 32 x 20 | 43.0 | 29.9 | 20.0 | 16.1 | 79.7            | 39.8 | 0.05     | 6.81    |
| 32 x 25 | 43.0 | 35.0 | 20.0 | 18.0 | 79.5            | 40.0 | 0.06     | 6.81    |
| 40 x 20 | 53.0 | 29.7 | 21.7 | 16.1 | 89.9            | 44.8 | 0.08     | 7.75    |
| 40 x 25 | 53.2 | 35.3 | 21.7 | 18.0 | 90.5            | 46.8 | 0.08     | 7.75    |
| 40 x 32 | 53.0 | 43.0 | 21.5 | 19.0 | 91.0            | 45.0 | 0.10     | 7.75    |
| 50 x 20 | 65.4 | 30.0 | 25.0 | 16.0 | 110.0           | 50.0 | 0.16     | 12.51   |
| 50 x 25 | 65.5 | 35.5 | 25.0 | 18.0 | 110.0           | 51.0 | 0.16     | 12.51   |
| 50 x 32 | 65.0 | 43.0 | 24.0 | 19.0 | 108.0           | 54.0 | 0.17     | 12.51   |
| 50 x 40 | 65.0 | 53.0 | 24.5 | 21.0 | 107.0           | 52.5 | 0.17     | 12.51   |
| 63 x 25 | 81.0 | 36.0 | 28.6 | 17.6 | 130.0           | 65.0 | 0.27     | 18.31   |
| 63 x 32 | 81.0 | 43.5 | 28.6 | 19.1 | 130.0           | 65.0 | 0.27     | 18.31   |
| 63 x 40 | 81.0 | 53.0 | 28.6 | 21.5 | 130.0           | 65.0 | 0.28     | 18.31   |
| 63 x 50 | 81.0 | 66.0 | 28.6 | 24.0 | 130.0           | 65.0 | 0.28     | 18.31   |



**moflasmittings**  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

**PP**



**BIGM**

**DRIEDELIGE KOPPELINGEN**  
**RACCORDS UNION**  
**SOCKET UNIONS**

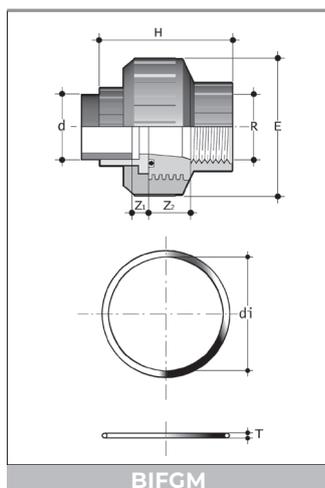
**PN 10**

Gespoten. Beide zijden inwendige lasmof.  
Afdichting: O-ring in EPDM of FPM.

Injectés. Deux côtés femelles à souder.  
Etanchéité: joint torique en EPDM ou en FPM.

Moulded. Both ends for socket welding.  
Sealing: O-ring made of EPDM or FPM.

| D  | R1     | Z1 | Z2  | H    | E   | €/ST/PC |       |
|----|--------|----|-----|------|-----|---------|-------|
|    |        |    |     |      |     | EPDM    | FPM   |
| 20 | 1"     | 12 | 5.5 | 45.5 | 47  | 15.93   | 18.67 |
| 25 | 1 1/4" | 12 | 5.5 | 49.5 | 58  | 17.84   | 20.48 |
| 32 | 1 1/2" | 12 | 5.5 | 53.5 | 65  | 20.48   | 24.29 |
| 40 | 2"     | 14 | 5.5 | 59.5 | 78  | 25.83   | 32.50 |
| 50 | 2 1/4" | 16 | 5.5 | 67.5 | 85  | 37.01   | 45.54 |
| 63 | 2 3/4" | 20 | 5.5 | 79.5 | 103 | 52.74   | 62.77 |



**BIFGM**

**DRIEDELIGE KOPPELINGEN**  
**RACCORDS UNION**  
**SOCKET UNIONS**

**PN 10**

Gespoten. Eén zijde inwendige lasmof, andere zijde cilindrische binnendraad.  
Afdichting: O-ring in EPDM of FPM

Injectés. Un côté femelle à souder, un côté femelle à filetage cylindrique.  
Etanchéité: joint torique en EPDM ou en FPM .

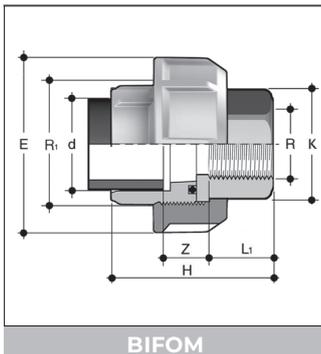
Moulded. One end for socket welding, other end with interior parallel thread.  
Sealing: O-ring made of EPDM or FPM.

| D x R       | R1     | L1   | Z1  | Z2   | H    | E   | €/ST/PC |       |
|-------------|--------|------|-----|------|------|-----|---------|-------|
|             |        |      |     |      |      |     | EPDM    | FPM   |
| 20 x 1/2"   | 1"     | 15.0 | 5.5 | 16.0 | 50.5 | 47  | 24.29   | 28.35 |
| 25 x 3/4"   | 1 1/4" | 16.3 | 5.5 | 16.7 | 54.5 | 58  | 26.62   | 30.56 |
| 32 x 1"     | 1 1/2" | 19.1 | 5.5 | 16.9 | 59.5 | 65  | 27.90   | 34.02 |
| 40 x 1 1/4" | 2"     | 21.4 | 5.5 | 19.6 | 66.5 | 78  | 43.50   | 55.31 |
| 50 x 1 1/2" | 2 1/4" | 21.4 | 5.5 | 23.6 | 73.5 | 85  | 63.66   | 79.04 |
| 63 x 2"     | 2 3/4" | 25.7 | 5.5 | 24.3 | 82.5 | 103 | 73.15   | 86.75 |



**moflasmittings**  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

**PP**



**BIFOM**

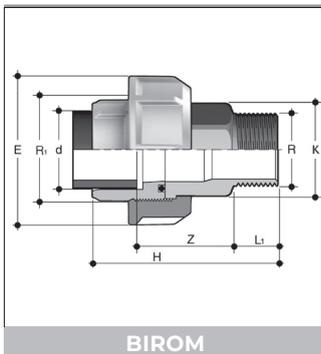
**DRIEDELIGE KOPPELINGEN**  
**RACCORDS D'ADAPTATION 3 PIECES**  
**SOCKETS UNIONS**

Inlegstuk: PP met lasmof  
Puntstuk: messing met parallel binnendraad  
Wartelmoer: PP  
Afdichting: O-ring EPDM

Pièce folle: PP, côté femelle à souder  
Pièce taraudée: laiton, femelle à filetage parallèle  
Ecrou: PP  
Etanchéité: joint torique EPDM

Insert: PP, socket for socket welding  
Close end: brass with parallel female threaded  
Union nut: PP  
Sealing: O-ring EPDM

| <b>d x R</b>       | <b>R1</b> | <b>PN</b> | <b>L1</b> | <b>Z</b> | <b>H</b> | <b>K</b> | <b>E</b> | <b>€/ST/PC</b> |
|--------------------|-----------|-----------|-----------|----------|----------|----------|----------|----------------|
| <b>20 x 1/2"</b>   | 1"        | 10        | 16.5      | 18.0     | 48.5     | 25       | 47       | <b>28.06</b>   |
| <b>25 x 3/4"</b>   | 1 1/4"    | 10        | 18.5      | 19.0     | 53.5     | 32       | 58       | <b>34.24</b>   |
| <b>32 x 1"</b>     | 1 1/2"    | 10        | 19.5      | 20.0     | 57.5     | 38       | 65       | <b>42.77</b>   |
| <b>40 x 1 1/4"</b> | 2"        | 10        | 21.5      | 23.0     | 64.5     | 48       | 78       | <b>52.75</b>   |
| <b>50 x 1 1/2"</b> | 2 1/4"    | 10        | 23.0      | 32.5     | 78.5     | 55       | 85       | <b>68.14</b>   |
| <b>63 x 2"</b>     | 2 3/4"    | 10        | 27.0      | 31.5     | 85.5     | 69       | 103      | <b>88.45</b>   |



**BIROM**

**DRIEDELIGE KOPPELINGEN**  
**RACCORDS D'ADAPTATION 3 PIECES**  
**SOCKETS UNIONS**

Inlegstuk: PP met lasmof  
Puntstuk: messing met parallel buitendraad  
Wartelmoer: PP  
Afdichting: O-ring EPDM

Pièce folle: PP, côté femelle à souder  
Pièce taraudée: laiton, mâle à filetage parallèle  
Ecrou: PP  
Etanchéité: joint torique EPDM

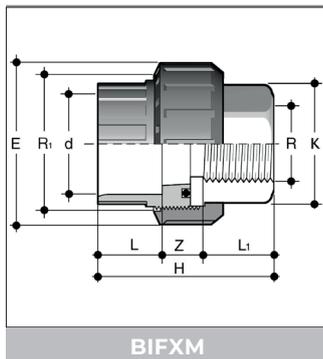
Insert: PP, socket for socket welding  
Close end: brass with parallel male threaded  
Union nut: PP  
Sealing: O-ring EPDM

| <b>d x R</b>       | <b>R1</b> | <b>PN</b> | <b>L1</b> | <b>Z</b> | <b>H</b> | <b>K</b> | <b>E</b> | <b>€/ST/PC</b> |
|--------------------|-----------|-----------|-----------|----------|----------|----------|----------|----------------|
| <b>20 x 1/2"</b>   | 1"        | 10        | 13.5      | 37.5     | 65.0     | 25       | 47       | <b>31.57</b>   |
| <b>25 x 3/4"</b>   | 1 1/4"    | 10        | 15.0      | 40.5     | 71.5     | 32       | 58       | <b>38.18</b>   |
| <b>32 x 1"</b>     | 1 1/2"    | 10        | 17.5      | 42.5     | 78.0     | 38       | 65       | <b>49.06</b>   |
| <b>40 x 1 1/4"</b> | 2"        | 10        | 19.5      | 47.5     | 87.0     | 48       | 78       | <b>64.70</b>   |
| <b>50 x 1 1/2"</b> | 2 1/4"    | 10        | 19.5      | 52.5     | 95.0     | 55       | 85       | <b>79.74</b>   |
| <b>63 x 2"</b>     | 2 3/4"    | 10        | 24.0      | 62.5     | 113.5    | 69       | 103      | <b>102.78</b>  |



**mofl fittings**  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

**PP**



**BIFXM**

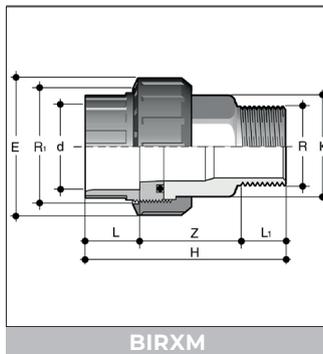
**DRIEDELIGE KOPPELINGEN**  
**RACCORDS D'ADAPTATION 3 PIECES**  
**SOCKETS UNIONS**

Inlegstuk: PP met lasmof  
Puntstuk: RVS A316 L met BSP binnendraad  
Wartelmoer: PP  
Afdichting: O-ring EPDM of FPM

Pièce folle: PP, côté femelle à souder  
Pièce taraudée: inox A316 L, femelle à filetage BSP  
Ecrou: PP  
Etanchéité: joint torique EPDM / FPM

Insert: PP, socket for socket welding  
Close end: BSP threaded A316 L stainless steel female  
Union nut: PP  
Sealing: O-ring EPDM or FPM

| d x R       | R1     | PN | L1   | Z    | L  | H    | K  | E  | €/ST/PC |        |
|-------------|--------|----|------|------|----|------|----|----|---------|--------|
|             |        |    |      |      |    |      |    |    | EPDM    | FPM    |
| 20 x 1/2"   | 1"     | 16 | 16.5 | 16.0 | 16 | 48.5 | 25 | 41 | 124.12  | 126.71 |
| 25 x 3/4"   | 1 1/4" | 16 | 18.5 | 17.0 | 19 | 54.5 | 32 | 50 | 150.80  | 153.49 |
| 32 x 1"     | 1 1/2" | 16 | 19.5 | 18.0 | 22 | 59.5 | 38 | 58 | 175.65  | 179.52 |
| 40 x 1 1/4" | 2"     | 16 | 21.5 | 21.0 | 26 | 68.5 | 48 | 72 | 212.33  | 219.08 |
| 50 x 1 1/2" | 2 1/4" | 16 | 23.0 | 30.5 | 31 | 84.5 | 55 | 79 | 232.87  | 241.61 |
| 63 x 2"     | 2 3/4" | 16 | 27.0 | 29.5 | 38 | 94.5 | 69 | 98 | 255.87  | 266.14 |



**BIRXM**

**DRIEDELIGE KOPPELINGEN**  
**RACCORDS D'ADAPTATION 3 PIECES**  
**SOCKETS UNIONS**

Inlegstuk: PP met lasmof  
Puntstuk: RVS A316 L met BSP buitendraad  
Wartelmoer: PP  
Afdichting: O-ring EPDM of FPM

Pièce folle: PP, côté femelle à souder  
Pièce taraudée: inox A316 L, mâle à filetage BSP.  
Ecrou: PP  
Etanchéité: joint torique EPDM ou FPM

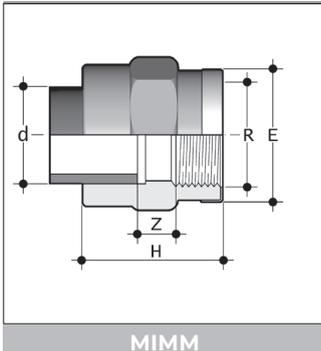
Insert: PP, socket for socket welding  
Close end: BSP threaded A316 L stainless steel male  
Union nut: PP  
Sealing: O-ring EPDM or FPM

| d x R       | R1     | PN | L1   | Z    | L  | H     | K  | E  | €/ST/PC |        |
|-------------|--------|----|------|------|----|-------|----|----|---------|--------|
|             |        |    |      |      |    |       |    |    | EPDM    | FPM    |
| 20 x 1/2"   | 1"     | 16 | 13.5 | 35.5 | 16 | 65.0  | 25 | 41 | 139.64  | 142.29 |
| 25 x 3/4"   | 1 1/4" | 16 | 15.0 | 38.5 | 19 | 72.5  | 32 | 50 | 168.15  | 170.86 |
| 32 x 1"     | 1 1/2" | 16 | 17.5 | 40.5 | 22 | 80.0  | 38 | 58 | 201.54  | 206.46 |
| 40 x 1 1/4" | 2"     | 16 | 19.5 | 45.5 | 26 | 91.0  | 48 | 72 | 260.51  | 267.24 |
| 50 x 1 1/2" | 2 1/4" | 16 | 19.5 | 50.5 | 31 | 101.0 | 55 | 79 | 272.53  | 281.31 |
| 63 x 2"     | 2 3/4" | 16 | 24.0 | 60.5 | 38 | 122.5 | 69 | 98 | 297.28  | 307.58 |



moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

PP



MIMM

OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

PN 10

Gespoten.

Eén zijde inwendige lasmof, andere zijde cilindrische binnendraad met RVS versterkingsring.

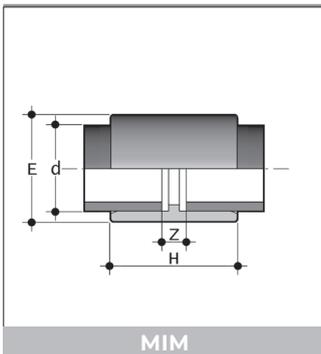
Injectés.

Un côté femelle à souder, un côté femelle à filetage cylindrique renforcé d'une bague en inox.

Moulded.

One end for socket welding, other end with interior parallel thread with RVS reinforcing ring.

| D x R       | H    | Z   | E  | €/ST/PC |
|-------------|------|-----|----|---------|
| 20 x 1/2"   | 37.5 | 8.5 | 30 | 5.55    |
| 25 x 3/4"   | 40.0 | 8.0 | 39 | 7.02    |
| 32 x 1"     | 44.0 | 7.0 | 47 | 8.89    |
| 40 x 1 1/4" | 49.0 | 8.0 | 55 | 10.70   |
| 50 x 1 1/2" | 53.5 | 9.0 | 66 | 17.61   |
| 63 x 2"     | 62.0 | 9.0 | 83 | 22.21   |



MIM

SOKKEN  
MANCHONS  
SOCKETS

PN 10

Gespoten.

Injectés.

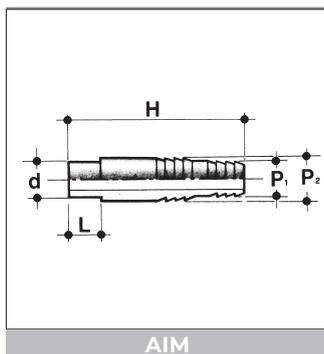
Moulded.

| D   | H    | Z    | E     | €/ST/PC |
|-----|------|------|-------|---------|
| 20  | 36.5 | 7.5  | 27.5  | 2.89    |
| 25  | 40.0 | 8.0  | 33.5  | 3.27    |
| 32  | 44.5 | 8.5  | 42.0  | 3.75    |
| 40  | 48.5 | 7.5  | 52.0  | 4.49    |
| 50  | 55.5 | 8.2  | 63.0  | 8.54    |
| 63  | 64.0 | 9.0  | 77.5  | 13.01   |
| 75  | 72.0 | 10.0 | 91.0  | 18.14   |
| 90  | 81.0 | 10.0 | 109.0 | 25.85   |
| 110 | 93.0 | 10.0 | 132.0 | 40.61   |



moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

PP

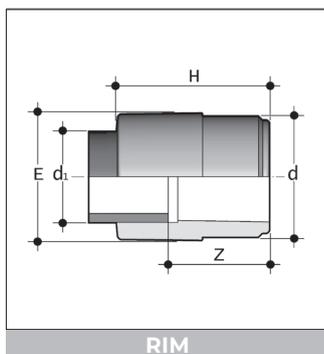


SLANGPILAREN  
EMBOUTS CANNELES  
HOSE ADAPTORS

PN 10

Gespoten, met uitwendig laseinde.  
Injectés, un côté mâle à souder.  
Moulded, with exterior welding end.

| D x P1 x P2  | L  | H   | €/ST/PC |
|--------------|----|-----|---------|
| 20 x 20 x 22 | 16 | 67  | 4.21    |
| 25 x 25 x 27 | 18 | 81  | 5.38    |
| 32 x 32 x 30 | 20 | 95  | 6.50    |
| 40 x 40 x 42 | 22 | 104 | 11.27   |
| 50 x 50 x 52 | 25 | 111 | 14.06   |
| 63 x 60 x 64 | 29 | 122 | 16.14   |



VERLOOPSTUKKEN  
REDUCTIONS  
REDUCERS

PN 10

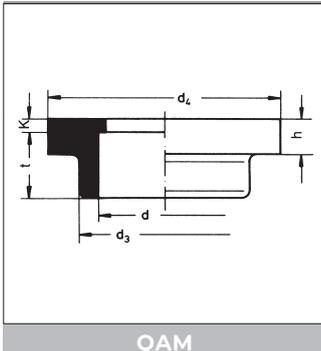
Gespoten, met in- en uitwendig laseinde.  
Injectés, côté mâle et femelle à souder.  
Moulded, with interior and exterior welding ends.

| D x D1   | H     | Z    | E     | g   | €/ST/PC |
|----------|-------|------|-------|-----|---------|
| 25 x 20  | 39.0  | 24.5 | 28.0  | 10  | 3.95    |
| 32 x 20  | 43.0  | 30.0 | 33.5  | 13  | 4.91    |
| 32 x 25  | 46.0  | 30.0 | 33.5  | 17  | 4.91    |
| 40 x 25  | 48.0  | 33.0 | 42.0  | 24  | 5.55    |
| 40 x 32  | 51.0  | 33.0 | 42.0  | 27  | 5.75    |
| 50 x 32  | 54.0  | 36.0 | 51.5  | 39  | 7.42    |
| 50 x 40  | 56.5  | 36.0 | 51.5  | 44  | 7.27    |
| 63 x 32  | 61.0  | 44.0 | 65.0  | 69  | 8.73    |
| 63 x 50  | 67.5  | 44.0 | 65.0  | 76  | 8.89    |
| 75 x 50  | 69.0  | 47.0 | 77.5  | 106 | 15.93   |
| 75 x 63  | 74.5  | 47.0 | 77.5  | 115 | 15.93   |
| 90 x 63  | 82.0  | 56.0 | 91.5  | 156 | 22.17   |
| 90 x 75  | 87.5  | 56.0 | 91.5  | 175 | 22.17   |
| 110 x 63 | 93.0  | 66.0 | 111.5 | 290 | 30.38   |
| 110 x 90 | 101.5 | 66.0 | 111.5 | 305 | 31.40   |



moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

PP



QAM

KRAAGBUSSEN GEGROEFD  
COLLETS A SURFACE RAINURÉE  
STUBS WITH GROOVED SURFACE

PN 10

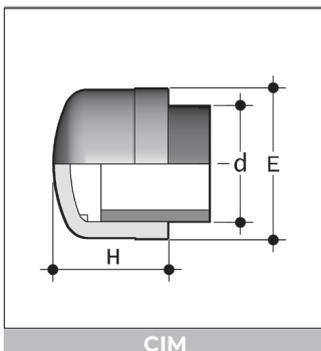
Gespoten  
Injectés  
Moulded

| d   | L  | d3    | d4  | h    | t  | G/ST/PC | €/ST/PC |
|-----|----|-------|-----|------|----|---------|---------|
| 20  | 21 | 27.0  | 45  | 10.0 | 16 | 0.01    | 3.90    |
| 25  | 23 | 33.0  | 58  | 10.0 | 18 | 0.03    | 4.13    |
| 32  | 26 | 40.8  | 68  | 10.0 | 20 | 0.03    | 4.58    |
| 40  | 26 | 50.0  | 77  | 10.5 | 22 | 0.04    | 5.67    |
| 50  | 30 | 61.5  | 88  | 13.0 | 24 | 0.06    | 6.77    |
| 63  | 34 | 76.6  | 102 | 14.0 | 29 | 0.09    | 8.75    |
| 75  | 38 | 91.2  | 121 | 16.0 | 32 | 0.14    | 17.00   |
| 90  | 40 | 105.0 | 138 | 17.0 | 37 | 0.19    | 26.24   |
| 110 | 47 | 131.0 | 158 | 18.0 | 42 | 0.29    | 38.96   |

OVERSCHUIFFLENZEN MET STALEN KERN - PP-GFK  
BRIDES LIBRES AVEC NOYAU EN ACIER - PP-GFK  
BACKING FLANGES WITH STEEL INSERT - PP-GFK

PN 10

Materiaal: PP, versterkt met 30% glasvezel, met stalen kern. Zie hoofdstuk flenzen.  
Matériau: PP, renforcé de 30% de fibres de verre, avec noyau en acier. Voir chapitre brides.  
Material: PP +30% glassfibre, moulded with steel insert. See chapter flanges.



CIM

EINDKAPPEN  
BOUCHONS FEMELLES  
END CAPS

PN 10

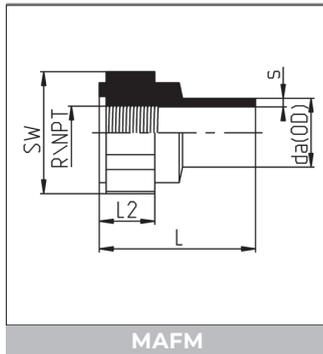
Gespoten.  
Injectés.  
Moulded.

| D   | L    | E     | €/ST/PC |
|-----|------|-------|---------|
| 20  | 24.5 | 27.5  | 3.75    |
| 25  | 27.0 | 33.5  | 3.75    |
| 32  | 31.5 | 42.0  | 4.65    |
| 40  | 35.5 | 51.0  | 5.55    |
| 50  | 41.0 | 63.0  | 7.81    |
| 63  | 44.0 | 77.5  | 10.09   |
| 75  | 48.0 | 91.0  | 18.45   |
| 90  | 65.0 | 109.0 | 21.34   |
| 110 | 71.0 | 132.0 | 29.52   |



moflasfittings  
raccords pour le soudage dans l'emboîture  
fittings for socket welding

PP



MAFM

OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

PN 10

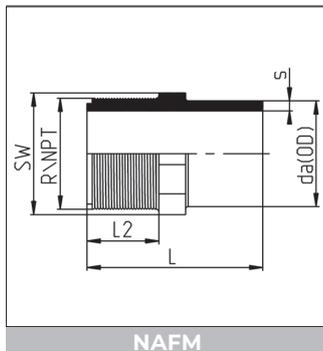
Gespoten, S-5/SDR 11.  
Eén zijde binnendraad. GFK versterkt.  
Alleen geschikt voor kunststof draadverbindingen.

Injectés, S-5/SDR 11.  
Un côté femelle. Renforcé fibre de verre.  
Uniquement pour des connection matières synthétiques.

Moulded, S-5/SDR 11.  
One end female threaded. Glassfiber reinforced.  
Only for plastic threaded connections.

| d  | dsp  | L    | L2   | t    | K     | E     | SW | R      | KG/ST/PC | €/ST/PC |
|----|------|------|------|------|-------|-------|----|--------|----------|---------|
| 20 | 29.0 | 45.0 | 16.0 | 16.0 | 18.63 | 20.96 | 32 | 1/2"   | 0.018    | 7.29    |
| 25 | 35.0 | 50.5 | 18.0 | 18.0 | 24.12 | 26.44 | 41 | 3/4"   | 0.032    | 8.25    |
| 32 | 43.0 | 57.0 | 20.0 | 20.0 | 30.29 | 33.25 | 46 | 1"     | 0.045    | 10.85   |
| 40 | 52.5 | 62.5 | 22.0 | 22.0 | 38.95 | 41.91 | 55 | 1 1/4" | 0.066    | 12.42   |
| 50 | 65.0 | 68.0 | 25.5 | 24.5 | 44.85 | 47.80 | 70 | 1 1/2" | 0.124    | 19.48   |
| 63 | 81.0 | 74.0 | 30.0 | 29.5 | 56.66 | 59.61 | 85 | 2"     | 0.190    | 24.41   |

NPT : op aanvraag / sur demande / on request



NAFM

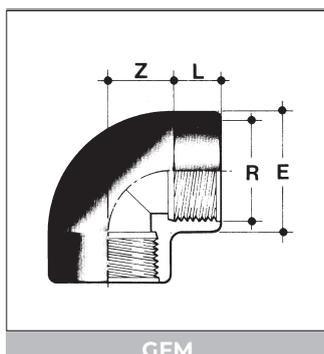
OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

PN 10

Gespoten. Draadaansluiting standaard met BS-draad, NPT-draad op aanvraag.  
Injectés. Raccord fileté BS, filetage NPT sur demande.  
Moulded. Standard thread, BS, NPT on request.

| d  | dsp | L  | L2 | t    | K     | E     | SW | R      | KG/ST/PC | €/ST/PC |
|----|-----|----|----|------|-------|-------|----|--------|----------|---------|
| 20 | 25  | 51 | 20 | 15.0 | 24.12 | 26.44 | 27 | 3/4"   | 0.010    | 6.85    |
| 25 | 32  | 61 | 24 | 16.5 | 30.29 | 33.25 | 36 | 1"     | 0.024    | 8.69    |
| 32 | 40  | 66 | 27 | 18.6 | 38.95 | 41.91 | 46 | 1 1/4" | 0.040    | 10.47   |
| 40 | 50  | 74 | 29 | 21.0 | 44.85 | 47.80 | 55 | 1 1/2" | 0.062    | 17.13   |
| 50 | 63  | 78 | 31 | 24.0 | 56.66 | 59.61 | 65 | 2"     | 0.092    | 21.63   |

NPT : op aanvraag / sur demande / on request

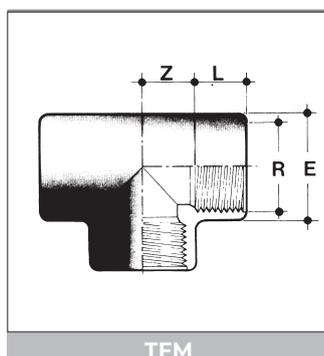


GFM

 KNIIEEN 90°  
 COUDES A 90°  
 ELBOWS 90°

Beide zijden cilindrische binnendraad.  
 Deux côtes femelles à filetage cylindrique.  
 Both ends with interior parallel thread.

| R      | L    | Z    | E    | €/ST/PC |
|--------|------|------|------|---------|
| 3/8"   | 15.5 | 7.5  | 24.5 | 3.80    |
| 1/2"   | 16.5 | 11.0 | 29.5 | 5.16    |
| 3/4"   | 19.5 | 13.0 | 35.5 | 7.02    |
| 1"     | 20.0 | 18.5 | 43.0 | 8.52    |
| 1 1/4" | 20.0 | 20.0 | 50.0 | 13.91   |
| 1 1/2" | 26.0 | 26.0 | 61.0 | 21.59   |
| 2"     | 32.5 | 30.5 | 76.0 | 26.75   |

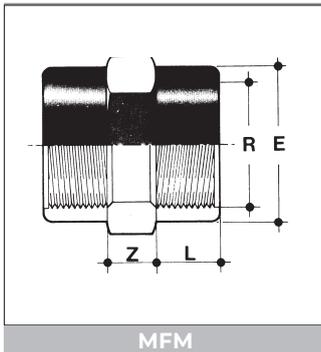


TFM

 T-STUKKEN 90°  
 TES A 90°  
 TEES 90°

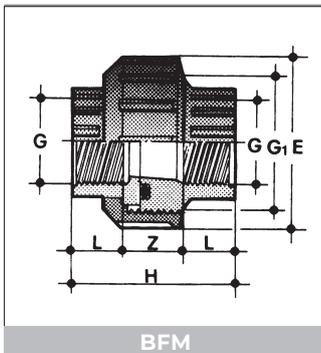
Alle zijden cilindrische binnendraad.  
 Trois côtes femelles à filetage cylindrique.  
 All ends with interior parallel thread.

| R      | L    | Z    | E    | €/ST/PC |
|--------|------|------|------|---------|
| 3/8"   | 14.5 | 8.5  | 24.5 | 5.07    |
| 1/2"   | 16.5 | 11.5 | 29.0 | 6.10    |
| 3/4"   | 19.5 | 13.0 | 35.5 | 7.52    |
| 1"     | 20.0 | 19.5 | 43.0 | 8.96    |
| 1 1/4" | 23.0 | 21.0 | 57.0 | 15.84   |
| 1 1/2" | 26.0 | 27.0 | 65.5 | 24.33   |
| 2"     | 30.5 | 33.0 | 80.5 | 29.43   |


 SOKKEN  
 MANCHONS  
 DOUBLE SOCKETS

Beide zijden cilindrische binnendraad.  
 Deux côtes femelles à filetage cylindrique.  
 Both ends with interior parallel thread.

| R      | L    | Z   | E    | €/ST/PC |
|--------|------|-----|------|---------|
| 3/8"   | 15.0 | 3.0 | 24.0 | 4.28    |
| 1/2"   | 16.5 | 2.5 | 29.0 | 5.07    |
| 3/4"   | 19.0 | 4.0 | 35.0 | 5.96    |
| 1"     | 22.0 | 3.0 | 43.5 | 7.56    |
| 1 1/4" | 23.0 | 7.0 | 57.0 | 10.76   |
| 1 1/2" | 26.0 | 6.0 | 65.0 | 15.03   |
| 2"     | 29.5 | 7.0 | 80.5 | 21.47   |

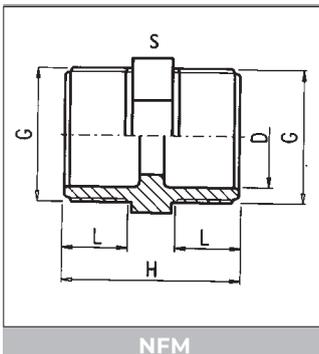

 DRIEDELIGE KOPPELINGEN  
 RACCORDS UNION  
 SOCKET UNIONS

Alle zijden cilindrische binnendraad.  
 Afdichting: O-ring FPM.

Trois côtes femelles à filetage cylindrique.  
 Etanchéité: joint torique FPM.

All ends with interior parallel thread.  
 Sealing: O-ring FPM.

| R      | H    | L    | Z    | E     | €/ST/PC |
|--------|------|------|------|-------|---------|
| 1/2"   | 51.0 | 17.0 | 17.0 | 53.0  | 24.97   |
| 3/4"   | 56.0 | 18.0 | 20.0 | 62.0  | 27.04   |
| 1"     | 62.0 | 20.5 | 21.0 | 70.0  | 30.54   |
| 1 1/4" | 68.5 | 22.5 | 23.5 | 81.0  | 41.43   |
| 1 1/2" | 76.0 | 25.0 | 26.0 | 88.5  | 55.94   |
| 2"     | 85.0 | 29.0 | 27.0 | 104.5 | 76.39   |

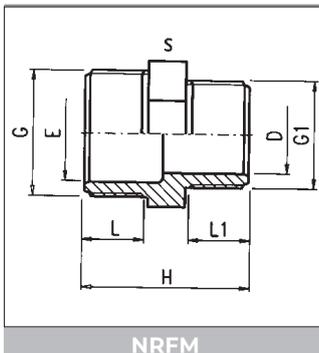


NFM

 DUBBELE NIPPELS  
 MAMELONS DOUBLES  
 BARREL NIPPLES

Beide zijden cilindrische buitendraad.  
 Deux côtes mâle à filetage cylindrique.  
 Both ends with exterior parallel threads.

| R      | L    | D    | H    | S  | €/ST/PC |
|--------|------|------|------|----|---------|
| 3/8"   | 15.0 | 10.0 | 36.0 | 20 | 2.96    |
| 1/2"   | 15.5 | 13.5 | 38.0 | 24 | 3.33    |
| 3/4"   | 16.0 | 18.0 | 38.5 | 27 | 4.20    |
| 1"     | 18.5 | 23.5 | 43.5 | 36 | 5.37    |
| 1 1/4" | 20.0 | 30.5 | 57.5 | 46 | 6.34    |
| 1 1/2" | 20.0 | 35.0 | 57.5 | 54 | 7.79    |
| 2"     | 24.0 | 44.5 | 66.5 | 63 | 11.71   |

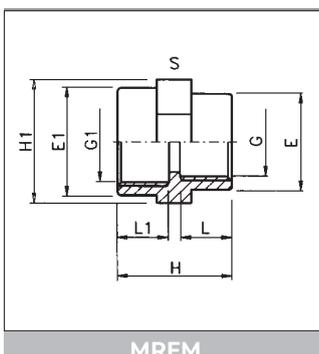


NRFM

 VERMINDERINGSNIPPELS  
 MAMELONS DE REDUCTION  
 REDUCING BARREL NIPPLES

Beide zijden cilindrische buitendraad.  
 Deux côtes mâle à filetage cylindrique.  
 Both ends with exterior parallel threads.

| G x G1          | L    | L1   | D    | E    | H    | S  | €/ST/PC |
|-----------------|------|------|------|------|------|----|---------|
| 3/8" x 1/2"     | 15.5 | 15.0 | 10.0 | 13.5 | 37.0 | 24 | 4.00    |
| 1/2" x 3/4"     | 16.0 | 15.5 | 13.5 | 18.0 | 38.0 | 27 | 5.23    |
| 3/4" x 1"       | 18.0 | 16.0 | 17.5 | 24.0 | 40.0 | 36 | 6.79    |
| 1" x 1 1/4"     | 20.0 | 18.5 | 21.5 | 30.5 | 55.0 | 46 | 7.92    |
| 1" x 1 1/2"     | 20.0 | 18.5 | 21.5 | 35.5 | 56.0 | 54 | 8.96    |
| 1 1/4" x 1 1/2" | 20.0 | 20.0 | 30.5 | 35.5 | 57.5 | 54 | 9.76    |
| 1 1/2" x 2"     | 24.0 | 20.5 | 35.5 | 44.5 | 61.5 | 64 | 14.41   |

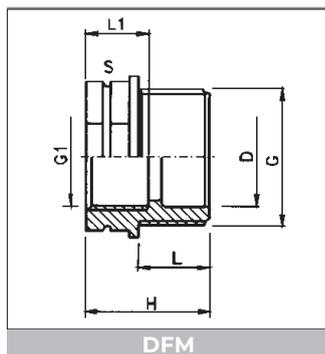


MRFM

 VERMINDERINGSMOFFEN  
 MANCHONS DE REDUCTION  
 REDUCING SOCKETS

Beide zijden cilindrische binnendraad.  
 Deux côtes femelles à filetage cylindrique.  
 Both ends with interior parallel threads.

| G x G1      | E    | E1   | L  | L1   | H1   | H  | S  | €/ST/PC |
|-------------|------|------|----|------|------|----|----|---------|
| 3/4" x 1/2" | 28.5 | 34.5 | 16 | 19.0 | 38.0 | 38 | 36 | 5.77    |
| 1" x 3/4"   | 35.0 | 42.0 | 19 | 23.5 | 45.5 | 46 | 44 | 7.56    |

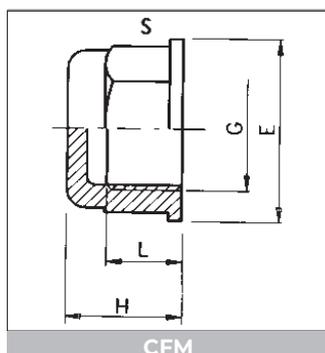


DFM

 VERMINDERINGSBUSSEN  
 DOUILLES DE REDUCTION  
 REDUCING BUSHES

Met cilindrische binnen- en buitendraad.  
 Mâle et femelle à filetage cylindrique.  
 Interior and exterior parallel threads.

| G x G <sub>1</sub> | H    | L    | L1 | S  | €/ST/PC |
|--------------------|------|------|----|----|---------|
| 3/8" x 1/4"        | 20   | 10   | 10 | 17 | 5.17    |
| 1/2" x 3/8"        | 26.5 | 16   | 15 | 25 | 5.17    |
| 3/4" x 1/2"        | 33.0 | 18.0 | 17 | 27 | 5.94    |
| 1" x 3/4"          | 35.0 | 19.5 | 19 | 36 | 8.10    |
| 1 1/4" x 1"        | 39.0 | 21.0 | 19 | 46 | 11.49   |
| 1 1/2" x 1 1/4"    | 39.0 | 21.0 | 21 | 50 | 16.11   |
| 2" x 1 1/2"        | 43.5 | 25.5 | 21 | 65 | 22.94   |

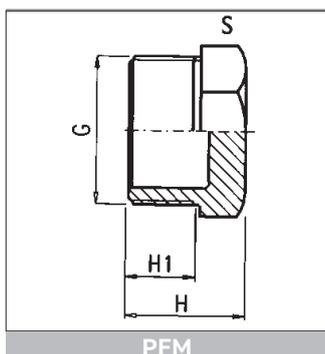


CFM

 AFSLUITKAPPEN  
 BOUCHONS  
 END CAPS

Met cilindrische binnendraad.  
 Femelles à filetage cylindrique.  
 Interior parallel threads.

| G      | E    | L    | H    | S  | €/ST/PC |
|--------|------|------|------|----|---------|
| 3/8"   | 26.5 | 16.0 | 19.0 | 23 | 5.24    |
| 1/2"   | 32.0 | 16.0 | 20.5 | 28 | 6.22    |
| 3/4"   | 38.0 | 18.0 | 24.0 | 33 | 6.53    |
| 1"     | 45.0 | 18.0 | 25.0 | 40 | 7.52    |
| 1 1/4" | 56.0 | 20.0 | 26.5 | 50 | 9.37    |
| 1 1/2" | 63.0 | 23.0 | 30.0 | 57 | 10.81   |
| 2"     | 75.0 | 26.5 | 36.0 | 71 | 14.98   |

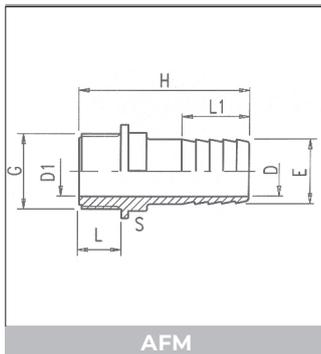


PFM

 DRAADSTOPPEN  
 BOUCHONS MALE  
 MALE PLUGS

Met cilindrische buitendraad.  
 Mâle à filetage cylindrique.  
 Exterior parallel threads.

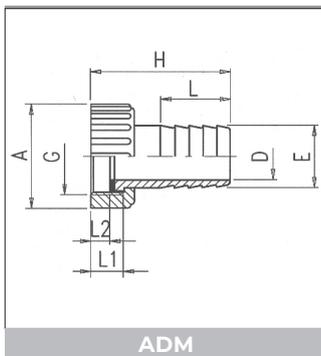
| R      | H    | H1   | S  | €/ST/PC |
|--------|------|------|----|---------|
| 3/8"   | 21.0 | 13.5 | 22 | 2.96    |
| 1/2"   | 22.5 | 14.0 | 27 | 3.33    |
| 3/4"   | 24.0 | 15.5 | 34 | 4.20    |
| 1"     | 25.0 | 15.5 | 40 | 5.37    |
| 1 1/4" | 39.0 | 20.0 | 46 | 6.34    |
| 1 1/2" | 39.0 | 20.0 | 55 | 7.79    |
| 2"     | 43.0 | 24.0 | 64 | 11.71   |



AFM

 SLANGPILAREN  
 EMBOUTS CANNELES  
 HOSE NOZZLES

| G x E              | L    | L1 | D    | H    | CH | DI   | €/ST/PC      |
|--------------------|------|----|------|------|----|------|--------------|
| <b>1/4" x 12</b>   | 12.0 | 27 | 7.0  | 48.0 | 15 | 7.0  | <b>2.35</b>  |
| <b>3/8" x 16</b>   | 13.5 | 33 | 10.0 | 62.5 | 20 | 10.0 | <b>2.78</b>  |
| <b>1/2" x 20</b>   | 13.5 | 33 | 15.0 | 63.0 | 24 | 15.0 | <b>5.03</b>  |
| <b>3/4" x 25</b>   | 14.5 | 36 | 20.0 | 68.5 | 30 | 19.0 | <b>6.47</b>  |
| <b>1" x 30</b>     | 14.5 | 33 | 24.5 | 72.0 | 37 | 24.5 | <b>7.61</b>  |
| <b>1 1/4" x 40</b> | 15.0 | 44 | 34.0 | 82.0 | 40 | 32.0 | <b>14.57</b> |
| <b>1 1/2" x 50</b> | 15.5 | 43 | 43.0 | 85.5 | 50 | 38.5 | <b>17.44</b> |
| <b>2" x 60</b>     | 16.0 | 47 | 52.0 | 89.0 | 60 | 50.0 | <b>18.63</b> |



ADM

 SLANGPILAREN  
 EMBOUTS CANNELES  
 HOSE NOZZLES

Aansluiting met wartelmoer met cilindrische binnendraad.  
 Afdichting : vlakke EPDM ring.

Raccordement par écrou femelle à filetage cylindrique.  
 Etanchéité : joint plat EPDM.

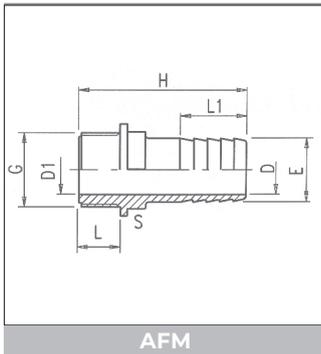
Connection with parallel threaded nut connection.  
 Flat seal : EPDM.

| G x E              | L1   | L2   | L  | D    | H    | A    | €/ST/PC      |
|--------------------|------|------|----|------|------|------|--------------|
| <b>3/8" x 12</b>   | 15.0 | 9.0  | 28 | 7.5  | 47.0 | 23.0 | <b>8.55</b>  |
| <b>1/2" x 16</b>   | 16.0 | 10.0 | 33 | 10.0 | 61.0 | 27.5 | <b>11.22</b> |
| <b>3/4" x 20</b>   | 17.0 | 11.0 | 33 | 15.0 | 62.0 | 33.0 | <b>12.03</b> |
| <b>1" x 25</b>     | 18.5 | 12.0 | 37 | 19.5 | 68.0 | 40.5 | <b>14.57</b> |
| <b>1 1/4" x 30</b> | 18.5 | 11.5 | 33 | 24.5 | 72.0 | 51.0 | <b>18.63</b> |
| <b>1 1/2" x 40</b> | 19.0 | 12.0 | 44 | 33.5 | 81.5 | 57.0 | <b>29.37</b> |
| <b>2" x 50</b>     | 19.0 | 12.5 | 43 | 43.5 | 84.5 | 69.5 | <b>37.64</b> |



draadfittingen - donkergrijs  
raccords filetés - gris foncé  
threaded fittings - dark grey

PP



KUNSTSTOF SLANGKOPPELINGEN  
EMBOUTS CANNELES EN MATIERE PLASTIQUE  
HOSE NOZZLES

PP slangpilaar met buitenschroefdraad. Alleen voor gebruik met water (H<sub>2</sub>O)  
**Opmerking** : ook verkrijgbaar in PA uitvoering.

Embout cannelé en PP à filetage extérieur. Uniquement pour l'eau (H<sub>2</sub>O)  
**Remarque** : également disponible en PA.

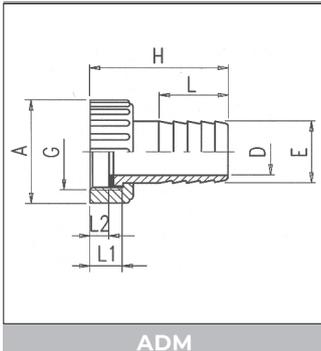
PP hose coupling with exterior thread. Only for use with water (H<sub>2</sub>O)  
**Remark** : also available in PA.

| G x E       | L    | L1   | D    | H    | S  | DI   | €/ST/PC |
|-------------|------|------|------|------|----|------|---------|
| 1/4" x 7    | 12.0 | 17.0 | 4.0  | 39.5 | 15 | 7.0  | 1.24    |
| 1/4" x 9    | 11.5 | 22.5 | 5.5  | 47.0 |    | 7.0  | 1.24    |
| 1/4" x 10   | 12.0 | 22.0 | 7.0  | 47.0 |    | 7.0  | 1.26    |
| 1/4" x 12   | 12.0 | 27.0 | 7.5  | 48.0 | 15 | 7.0  | 1.26    |
| 3/8" x 7    | 13.5 | 17.0 | 4.0  | 41.0 | 20 | 10.0 | 1.35    |
| 3/8" x 10   | 13.5 | 22.0 | 6.0  | 46.5 | 20 | 10.0 | 1.35    |
| 3/8" x 12   | 13.5 | 27.0 | 7.5  | 52.0 | 20 | 10.0 | 1.35    |
| 3/8" x 13   | 11.0 | 25.0 | 7.5  | 49.5 |    | 10.0 | 1.35    |
| 3/8" x 16   | 13.5 | 33.0 | 10.0 | 63.0 | 20 | 10.0 | 1.56    |
| 1/2" x 10   | 13.0 | 22.5 | 6.0  | 52.5 |    | 14.0 | 1.40    |
| 1/2" x 12   | 14.5 | 27.0 | 7.5  | 58.0 |    | 14.0 | 1.40    |
| 1/2" x 13   | 11.5 | 25.5 | 8.0  | 52.0 | 22 | 14.0 | 1.40    |
| 1/2" x 16   | 13.5 | 33.0 | 10.0 | 62.5 | 20 | 14.0 | 1.58    |
| 1/2" x 19   | 14.5 | 30.5 | 14.5 | 64.5 |    | 14.0 | 1.74    |
| 1/2" x 20   | 13.5 | 33.0 | 15.0 | 63.0 | 24 | 15.0 | 1.74    |
| 3/4" x 10   | 14.5 | 22.0 | 6.0  | 50.0 | 19 | 19.0 | 1.51    |
| 3/4" x 12   | 14.5 | 27.0 | 7.5  | 56.0 | 19 | 19.0 | 1.51    |
| 3/4" x 13   | 14.5 | 25.0 | 8.0  | 57.5 | 27 | 18.0 | 1.51    |
| 3/4" x 16   | 14.5 | 33.0 | 11.0 | 63.5 | 20 | 19.0 | 1.72    |
| 3/4" x 20   | 14.5 | 33.0 | 15.0 | 64.0 | 24 | 19.0 | 1.76    |
| 3/4" x 22   | 16.0 | 33.5 | 16.0 | 68.0 |    | 18.0 | 1.88    |
| 3/4" x 25   | 14.5 | 36.0 | 20.0 | 69.5 | 30 | 19.5 | 1.88    |
| 1" x 20     | 14.5 | 33.0 | 14.5 | 65.0 | 24 | 24.0 | 2.04    |
| 1" x 25     | 14.5 | 37.0 | 20.0 | 69.0 | 30 | 24.0 | 2.06    |
| 1" x 30     | 14.5 | 35.0 | 24.5 | 72.5 | 37 | 24.0 | 2.31    |
| 1" x 32     | 14.5 | 43.0 | 26.0 | 73.0 | 37 | 25.0 | 2.39    |
| 1 1/4" x 25 | 15.0 | 37.0 | 20.0 | 70.0 | 30 | 32.0 | 2.87    |
| 1 1/4" x 30 | 15.0 | 38.0 | 25.0 | 74.0 | 32 | 32.0 | 3.23    |
| 1 1/4" x 32 | 15.0 | 43.0 | 26.5 | 77.5 | 32 | 32.0 | 3.55    |
| 1 1/4" x 35 | 15.5 | 43.0 | 29.0 | 77.5 | 35 | 32.5 | 3.69    |
| 1 1/4" x 38 | 15.5 | 42.5 | 32.0 | 82.0 | 40 | 32.5 | 4.17    |
| 1 1/4" x 40 | 15.5 | 43.0 | 34.0 | 82.0 | 40 | 32.5 | 4.17    |
| 1 1/2" x 38 | 16.0 | 43.0 | 32.0 | 82.0 | 40 | 38.5 | 4.57    |
| 1 1/2" x 40 | 16.0 | 44.0 | 34.0 | 82.0 | 40 | 38.0 | 4.57    |
| 1 1/2" x 50 | 16.0 | 43.0 | 43.5 | 86.0 | 50 | 38.5 | 5.14    |
| 2" x 50     | 16.5 | 43.0 | 43.0 | 86.0 | 50 | 48.5 | 6.38    |
| 2" x 60     | 16.5 | 47.0 | 52.0 | 89.0 | 60 | 50.5 | 9.15    |



draadfittingen - donkergrijs  
raccords filetés - gris foncé  
threaded fittings - dark grey

PP



ADM

KUNSTSTOF SLANGKOPPELINGEN  
EMBOUTS CANNELES EN MATIERES PLASTIQUES  
HOSE NOZZLES

PP slangpilaar met binnenschroefdraad en losdraaiende wartel. Dichting EPDM  
Alleen voor gebruik met water (H<sub>2</sub>O)  
**Opmerking** : ook verkrijgbaar in PA uitvoering.

Embout cannelé en PP à filetage intérieur et écrou libre. Joint en EPDM  
Uniquement pour l'eau (H<sub>2</sub>O)  
**Remarque** : également disponible en PA.

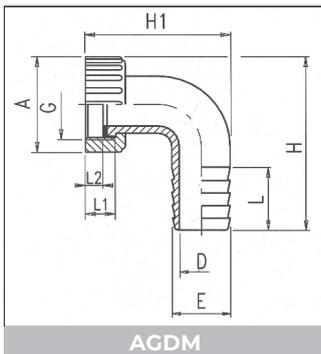
PP hose coupling with interior thread and free union nut. EPDM gasket  
Only for use with water (H<sub>2</sub>O)  
**Remark** : also available in PA.

| G x E       | L <sub>1</sub> | L <sub>2</sub> | L    | D    | H    | A    | €/ST/PC |
|-------------|----------------|----------------|------|------|------|------|---------|
| 1/4" x 7    | 13.5           | 8.5            | 12.0 | 4.0  | 38.0 | 20.0 | 2.13    |
| 3/8" x 9    | 15.0           | 9.5            | 22.0 | 5.0  | 47.0 | 23.0 | 2.34    |
| 3/8" x 10   | 15.0           | 10.0           | 22.0 | 6.0  | 45.0 | 23.0 | 2.34    |
| 3/8" x 12   | 15.0           | 9.5            | 27.0 | 7.5  | 47.5 | 23.0 | 2.34    |
| 1/2" x 10   | 10             |                | 28.0 | 8.0  | 50.0 | 28.0 | 2.64    |
| 1/2" x 13   | 16.0           | 9.5            | 28.5 | 8.5  | 52.0 | 27.5 | 2.64    |
| 1/2" x 16   | 16.0           | 9.5            | 33.0 | 10.0 | 61.5 | 27.5 | 2.78    |
| 3/4" x 10   | 17.0           | 11.5           | 22.0 | 6.0  | 47.0 | 33.0 | 2.82    |
| 3/4" x 12   | 17.0           | 11.0           | 27.0 | 7.5  | 53.5 | 33.0 | 2.82    |
| 3/4" x 13   | 17.0           | 11.5           | 28.0 | 8.5  | 53.0 | 33.0 | 2.82    |
| 3/4" x 16   | 17.0           | 11.0           | 33.0 | 10.0 | 62.5 | 33.0 | 2.86    |
| 3/4" x 19   | 17.0           | 11.0           | 33.0 | 14.5 | 62.5 | 33.0 | 3.02    |
| 3/4" x 20   | 17.0           | 10.5           | 33.0 | 14.5 | 63.5 | 33.0 | 3.02    |
| 1" x 19     | 11.5           |                | 32.5 | 14.5 | 57.0 | 42.5 | 3.28    |
| 1" x 20     | 18.0           | 11.5           | 33.0 | 14.5 | 65.0 | 41.5 | 3.28    |
| 1" x 22     | 18.0           | 11.5           | 37.0 | 16.5 | 69.0 | 41.5 | 3.28    |
| 1" x 25     | 18.0           | 12.0           | 36.0 | 20.0 | 69.0 | 41.5 | 3.33    |
| 1 1/4" x 20 | 19.0           | 11.0           | 33.0 | 14.5 | 65.0 | 51.0 | 4.08    |
| 1 1/4" x 25 | 19.0           | 11.5           | 36.0 | 20.0 | 69.0 | 51.0 | 4.09    |
| 1 1/4" x 30 | 19.0           | 11.5           | 35.0 | 24.5 | 72.5 | 51.0 | 4.65    |
| 1 1/4" x 32 | 19.0           | 12.0           | 43.0 | 26.0 | 73.0 | 51.0 | 4.65    |
| 1 1/2" x 38 | 12.0           |                | 43.0 | 32.0 | 81.0 | 57.0 | 5.98    |
| 1 1/2" x 40 | 19.0           | 12.0           | 43.0 | 33.5 | 82.0 | 57.0 | 5.89    |
| 2" x 50     | 18.5           | 11.5           | 43.0 | 43.0 | 84.0 | 71.0 | 7.88    |



draadfittingen - donkergrijs  
raccords filetés - gris foncé  
threaded fittings - dark grey

PP



KUNSTSTOF SLANGKOPPELINGEN  
EMBOUTS CANNELES EN MATIERES PLASTIQUES  
HOSE NOZZLES

Gebogen PP slangpilaar met binnenschroefdraad en losdraaiende wartel. Eveneens leverbaar met driedelige koppeling. Dichting in EPDM. Alleen voor gebruik met water (H<sub>2</sub>O)

**Opmerking** : ook verkrijgbaar in PA uitvoering.

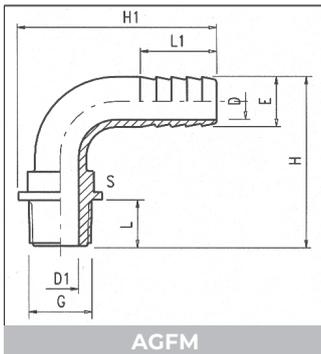
Embout cannelé courbé en PP à filetage intérieur et écrou libre. Aussi livrable avec raccord union. Joint en EPDM. Uniquement pour l'eau (H<sub>2</sub>O).

**Remarque** : également disponible en PA.

Curved PP hose coupling with interior thread and free nut. Also available with socket union coupling. EPDM gasket. Only for use with water (H<sub>2</sub>O)

**Remark** : also available in PA.

| G x E       | L <sup>1</sup> | L <sup>2</sup> | L  | D    | H   | H <sup>1</sup> | A    | €/ST/PC |
|-------------|----------------|----------------|----|------|-----|----------------|------|---------|
| 1/2" x 10   |                | 10.5           | 30 | 7.0  | 58  | 49             | 27.5 | 3.88    |
| 1/2" x 12   | 16.0           | 10.5           | 30 | 7.0  | 58  | 50             | 27.5 | 3.88    |
| 3/4" x 12   | 17.0           | 12.0           | 30 | 7.0  | 61  | 50             | 33.0 | 4.22    |
| 3/4" x 16   | 12.5           | 7.0            | 30 | 11.0 | 62  | 48             | 33.0 | 4.40    |
| 3/4" x 19   |                | 8.0            | 33 | 11.0 | 73  | 56             | 33.0 | 4.57    |
| 3/4" x 20   | 12.5           | 7.0            | 33 | 15.0 | 73  | 56             | 33.0 | 4.57    |
| 1" x 22     | 15.5           | 10.0           | 30 | 17.0 | 81  | 60             | 40.5 | 5.21    |
| 1" x 25     | 15.5           | 10.0           | 30 | 19.5 | 82  | 61             | 40.5 | 5.21    |
| 1 1/4" x 25 | 19.0           | 12.0           | 30 | 19.5 | 87  | 64             | 51.0 | 5.98    |
| 1 1/4" x 30 | 19.0           | 11.5           | 28 | 24.5 | 94  | 72             | 51.0 | 6.39    |
| 1 1/4" x 32 | 19.0           | 11.5           | 32 | 24.5 | 94  | 73             | 51.0 | 6.53    |
| 1 1/2" x 38 |                | 11.5           | 35 | 33.0 | 106 | 90             | 57.5 | 5.73    |
| 1 1/2" x 40 | 19.0           | 11.5           | 35 | 33.0 | 103 | 95             | 57.0 | 9.56    |
| 2" x 50     | 18.5           | 12.0           | 35 | 42.0 | 120 | 97             | 71.0 | 12.50   |


 KUNSTSTOF SLANGKOPPELINGEN  
 EMBOUTS CANNELES EN MATIERES PLASTIQUES  
 HOSE NOZZLES

Gebogen PP slangpilaar met buitenschroefdraad. Alleen voor gebruik met water (H<sub>2</sub>O)  
**Opmerking** : ook verkrijgbaar in PA uitvoering.

Embout cannelé courbé en PP à filetage extérieur. Uniquement pour l'eau (H<sub>2</sub>O).  
**Remarque** : également disponible en PA.

Curved PP hose coupling with exterior thread. Only for use with water (H<sub>2</sub>O)  
**Remark** : also available in PA.

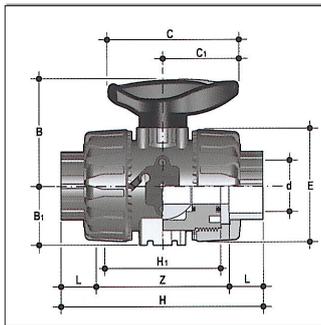
| G x E              | L <sub>1</sub> | L  | D    | H    | H <sub>1</sub> | S  | DI   | €/ST/PC     |
|--------------------|----------------|----|------|------|----------------|----|------|-------------|
| <b>3/8" x 10</b>   |                |    |      |      |                |    |      | <b>2.43</b> |
| <b>3/8" x 12</b>   | 12.5           | 30 | 7.0  | 43.0 | 55             | 15 | 10.0 | <b>2.43</b> |
| <b>3/8" x 13</b>   |                |    |      |      |                |    |      | <b>2.43</b> |
| <b>1/2" x 12</b>   | 13.5           | 30 | 7.0  | 44.0 | 57             | 19 | 14.0 | <b>2.59</b> |
| <b>1/2" x 13</b>   | 13.5           | 30 | 7.0  | 44.5 | 57             | 19 | 14.0 | <b>2.59</b> |
| <b>1/2" x 16</b>   | 13.5           | 30 | 11.0 | 47.0 | 57             | 19 | 14.0 | <b>2.78</b> |
| <b>1/2" x 20</b>   | 13.5           | 33 | 15.0 | 61.0 | 70             | 24 | 15.5 | <b>3.02</b> |
| <b>1/4" x 10</b>   |                |    |      |      |                |    |      | <b>2.27</b> |
| <b>1/4" x 12</b>   |                |    |      |      |                |    |      | <b>2.27</b> |
| <b>3/4" x 12</b>   | 14.5           | 30 | 7.0  | 45.0 | 60             | 19 | 19.0 | <b>2.78</b> |
| <b>3/4" x 20</b>   | 14.5           | 33 | 15.0 | 64.0 | 72             | 24 | 19.0 | <b>2.98</b> |
| <b>3/4" x 22</b>   | 14.5           | 30 | 17.0 | 62.0 | 78             | 30 | 20.0 | <b>3.55</b> |
| <b>3/4" x 25</b>   | 14.5           | 30 | 19.5 | 64.0 | 78             | 30 | 20.0 | <b>3.55</b> |
| <b>1" x 22</b>     | 14.5           | 30 | 17.0 | 65.0 | 80             | 30 | 21.0 | <b>3.57</b> |
| <b>1" x 25</b>     | 14.5           | 30 | 19.5 | 66.0 | 81             | 30 | 19.5 | <b>3.57</b> |
| <b>1" x 30</b>     | 14.5           | 28 | 24.5 | 68.0 | 87             | 37 | 24.5 | <b>4.36</b> |
| <b>1" x 32</b>     | 14.5           | 32 | 24.5 | 69.0 | 87             | 37 | 24.5 | <b>4.57</b> |
| <b>1 1/4" x 30</b> | 15.5           | 28 | 24.5 | 73.0 | 91             | 32 | 32.5 | <b>4.65</b> |
| <b>1 1/4" x 32</b> | 15.5           | 32 | 24.5 | 74.0 | 91             | 32 | 32.5 | <b>4.75</b> |
| <b>1 1/4" x 38</b> |                |    |      |      |                |    |      | <b>5.21</b> |
| <b>1 1/2" x 38</b> |                |    |      |      |                |    |      | <b>5.53</b> |
| <b>1 1/2" x 40</b> | 15.0           | 35 | 33.0 | 85.0 | 102            | 40 | 38.5 | <b>5.53</b> |



kranen  
vannes  
valves

DUAL BLOCK®

PP



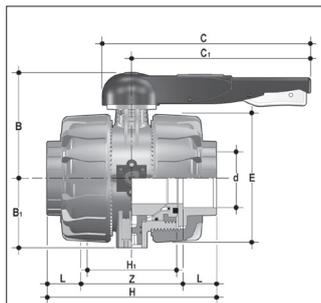
VKDIM DN 10-50

KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

2-Wegkogelafsluiter, Dual Block® met metrische Inwendige lasuiteinden.  
Zittingen PTFE/EPDM, PTFE/FPM.

Robinets à bille Dual Block® tournant sphérique à 2 voies. Avec bouts femelles à souder.  
Sièges PTFE/EPDM, PTFE/FPM.

2-Way ball valve Dual Block® with lockable nuts, metric series plain female ends for welding  
sockets.. Seats PTFE/EPDM, PTFE/FPM.



VKDIM DN 65-100

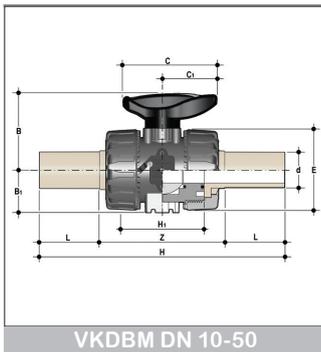
| D   | DN  | Z     | H   | H1  | E   | B     | B1    | C   | C1  | PN | G/ST/PC | €/ST/PC |        |
|-----|-----|-------|-----|-----|-----|-------|-------|-----|-----|----|---------|---------|--------|
|     |     |       |     |     |     |       |       |     |     |    |         | EPDM    | FPM    |
| 16  | 10  | 74.5  | 102 | 65  | 54  | 54.0  | 29.0  | 67  | 40  | 10 | 150     | 57.69   | 71.72  |
| 20  | 15  | 73.0  | 102 | 65  | 54  | 54.0  | 29.0  | 67  | 40  | 10 | 145     | 59.45   | 71.72  |
| 25  | 20  | 82.0  | 114 | 70  | 65  | 65.0  | 34.5  | 85  | 49  | 10 | 218     | 70.15   | 83.12  |
| 32  | 25  | 90.0  | 126 | 78  | 73  | 69.5  | 39.0  | 85  | 49  | 10 | 298     | 86.67   | 106.01 |
| 40  | 32  | 100.0 | 141 | 85  | 86  | 82.5  | 46.0  | 108 | 64  | 10 | 480     | 107.43  | 129.00 |
| 50  | 40  | 117.0 | 164 | 93  | 98  | 89.0  | 52.0  | 108 | 64  | 10 | 682     | 139.00  | 163.97 |
| 63  | 50  | 144.0 | 199 | 111 | 122 | 108.0 | 62.0  | 134 | 76  | 10 | 1166    | 173.28  | 219.14 |
| 75  | 65  | 147.0 | 213 | 133 | 162 | 164.0 | 87.0  | 327 | 272 | 10 | 3090    | 379.92  | 479.01 |
| 90  | 80  | 168.0 | 239 | 149 | 202 | 177.0 | 105.0 | 327 | 272 | 10 | 5080    | 477.54  | 602.15 |
| 110 | 100 | 186.0 | 268 | 167 | 236 | 195.0 | 129.0 | 385 | 330 | 10 | 7725    | 578.18  | 702.73 |



kranen  
vannes  
BLOCK®

DUAL

PP



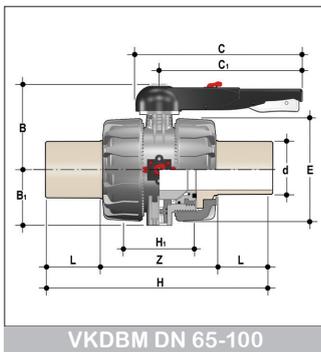
VKDBM DN 10-50

KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

2-Wegkogelafsluiter, Dual Block® met verlengde mannelijke laseinden PP-H SDR11 voor spiegellass, (bvb. IR las) of electromoflas.  
Zittingen PTFE/EPDM, PTFE/FPM.

Robinetts à bille Dual Block® tournant sphérique à 2 voies. Embouts mâles longues PP-H SDR11 pour soudage bout à bout (p.e. soudage IR) ou électrosoudage.  
Sièges PTFE/EPDM, PTFE/FPM.

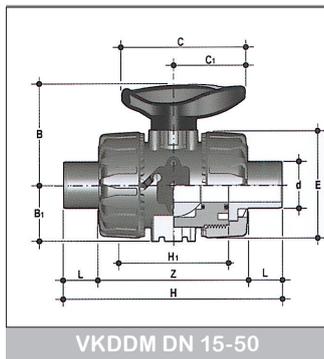
2-Way ball valve Dual Block® with lockable nuts, with long spigot male ends PP-H SDR11 for butt welding (e.g. IR welding) or electrofusion welding.  
Seats PTFE/EPDM, PTFE/FPM.



VKDBM DN 65-100

| D   | DN  | Z   | H   | H1  | E   | B   | B1  | C   | C1  | L    | PN | G/ST/PC | €/ST/PC |        |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|----|---------|---------|--------|
|     |     |     |     |     |     |     |     |     |     |      |    |         | EPDM    | FPM    |
| 20  | 15  | 94  | 175 | 65  | 54  | 54  | 29  | 67  | 40  | 40.5 | 10 | 220     | 73.27   | 87.55  |
| 25  | 20  | 106 | 212 | 70  | 65  | 65  | 35  | 85  | 49  | 54.0 | 10 | 340     | 85.98   | 102.74 |
| 32  | 25  | 117 | 226 | 78  | 73  | 70  | 39  | 85  | 49  | 56.0 | 10 | 443     | 104.33  | 128.88 |
| 40  | 32  | 131 | 246 | 88  | 86  | 83  | 46  | 108 | 64  | 56.0 | 10 | 593     | 130.49  | 159.17 |
| 50  | 40  | 145 | 271 | 93  | 98  | 89  | 52  | 108 | 64  | 60.5 | 10 | 945     | 168.76  | 200.59 |
| 63  | 50  | 161 | 300 | 111 | 122 | 108 | 62  | 134 | 76  | 65.5 | 10 | 1607    | 210.12  | 268.95 |
| 75  | 65  | 214 | 356 | 133 | 162 | 164 | 87  | 225 | 175 | 71.0 | 10 | 3150    | 484.22  | 599.19 |
| 90  | 80  | 214 | 390 | 149 | 202 | 177 | 105 | 327 | 272 | 88.0 | 10 | 5240    | 609.59  | 754.09 |
| 110 | 100 | 247 | 431 | 167 | 236 | 195 | 129 | 385 | 330 | 92.0 | 10 | 7970    | 736.64  | 881.14 |

**FIP** kranen vannes valves **DUAL BLOCK®** **PP**



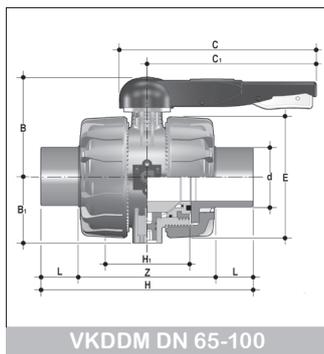
KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

2-Wegkogelafsluiter, Dual Block® met metrische mannelijke lasuiteinden.  
Zittingen PTFE/EPDM, PTFE/FPM.

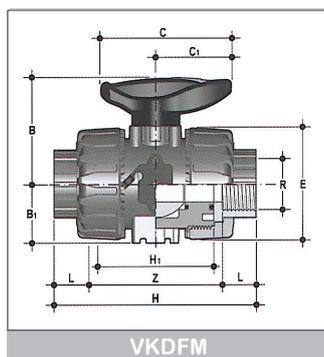
Robinets à bille Dual Block® tournant sphérique à 2 voies. Avec embouts mâles à souder.  
Sièges PTFE/EPDM, PTFE/FPM.

2-Way ball valve Dual Block® with lockable nuts, metric series plain male ends for welding sockets.

Seats PTFE/EPDM, PTFE/FPM.



| D   | DN  | L  | H   | H1  | E   | B     | B1    | C   | C1  | PN | G/ST/PC | €/ST/PC |        |
|-----|-----|----|-----|-----|-----|-------|-------|-----|-----|----|---------|---------|--------|
|     |     |    |     |     |     |       |       |     |     |    |         | EPDM    | FPM    |
| 20  | 15  | 16 | 124 | 65  | 54  | 54.0  | 29.0  | 67  | 40  | 10 | 153     | 59.45   | 69.63  |
| 25  | 20  | 19 | 144 | 70  | 65  | 65.0  | 34.5  | 85  | 49  | 10 | 222     | 68.12   | 80.72  |
| 32  | 25  | 22 | 154 | 78  | 73  | 69.5  | 39.0  | 85  | 49  | 10 | 303     | 84.16   | 102.92 |
| 40  | 32  | 26 | 174 | 88  | 86  | 82.5  | 46.0  | 108 | 64  | 10 | 485     | 104.31  | 125.23 |
| 50  | 40  | 31 | 194 | 93  | 98  | 89.0  | 52.0  | 108 | 64  | 10 | 672     | 134.96  | 159.18 |
| 63  | 50  | 38 | 224 | 111 | 122 | 108.0 | 62.0  | 134 | 76  | 10 | 1176    | 168.25  | 213.14 |
| 75  | 65  | 44 | 284 | 133 | 162 | 164.0 | 87.0  | 327 | 272 | 10 | 3190    | 379.92  | 479.01 |
| 90  | 80  | 51 | 300 | 149 | 202 | 177.0 | 105.0 | 327 | 272 | 10 | 5280    | 477.54  | 602.15 |
| 110 | 100 | 61 | 340 | 167 | 236 | 195.0 | 129.0 | 385 | 330 | 10 | 8010    | 578.13  | 702.73 |



KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

2-Wegkogelafsluiter, Dual Block® met vrouwelijke BS draadaansluitingen. NPT op aanvraag.  
Zittingen PTFE/EPDM, PTFE/FPM

Robinets à bille Dual Block® avec embouts femelles taraudés BS. NPT sur demande  
Sièges PTFE/EPDM, PTFE/FPM.

2-Way ball valve Dual Block® with BS parallel threaded female ends. NPT on request.  
Seats PTFE/EPDM, PTFE/FPM

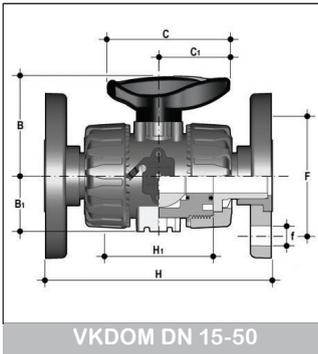
| R      | DN | L    | Z     | H   | H1  | E   | B     | B1   | C   | C1 | PN | G/ST/PC | €/ST/PC |        |
|--------|----|------|-------|-----|-----|-----|-------|------|-----|----|----|---------|---------|--------|
|        |    |      |       |     |     |     |       |      |     |    |    |         | EPDM    | FPM    |
| 1/2"   | 15 | 15.0 | 80.0  | 110 | 65  | 54  | 54.0  | 29.0 | 67  | 40 | 10 | 145     | 68.12   | 80.71  |
| 3/4"   | 20 | 16.3 | 83.4  | 116 | 70  | 65  | 65.0  | 34.5 | 85  | 49 | 10 | 220     | 78.77   | 89.74  |
| 1"     | 25 | 19.1 | 95.8  | 134 | 78  | 73  | 69.5  | 39.0 | 85  | 49 | 10 | 298     | 108.53  | 122.36 |
| 1 1/4" | 32 | 21.4 | 110.2 | 153 | 88  | 86  | 82.5  | 46.0 | 108 | 64 | 10 | 488     | 115.38  | 139.08 |
| 1 1/2" | 40 | 21.4 | 113.2 | 156 | 93  | 98  | 89.0  | 52.0 | 108 | 64 | 10 | 682     | 148.79  | 173.83 |
| 2"     | 50 | 25.7 | 134.6 | 186 | 111 | 122 | 108.0 | 62.0 | 134 | 76 | 10 | 1181    | 190.63  | 236.45 |



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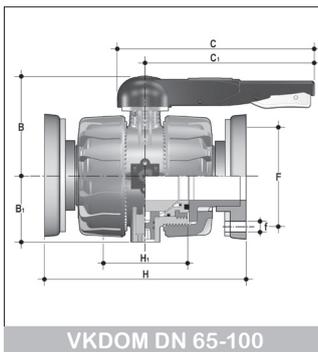


KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

2-Wegkogelafsluiter, Dual Block® met DIN 8063, DIN 2501 vaste flenzen.  
Inbouwlengte volgens EN 558-1.

Robinets à bille Dual Block® avec brides fixes DIN 8063, DIN 2501.  
Encombrement selon EN 558-1.

2-Way ball valve Dual Block® with DIN 8063, DIN 2501 fixed backing rings.  
Face to face according EN 558-1.



| D   | DN  | H   | H1  | B     | B1    | C   | C1  | F   | f  | U | PN | G/ST/PC | €/ST/PC |        |
|-----|-----|-----|-----|-------|-------|-----|-----|-----|----|---|----|---------|---------|--------|
|     |     |     |     |       |       |     |     |     |    |   |    |         | EPDM    | FPM    |
| 20  | 15  | 130 | 65  | 54.0  | 29.0  | 67  | 40  | 65  | 14 | 4 | 10 | 387     | 116.39  | 134.46 |
| 25  | 20  | 150 | 70  | 65.0  | 34.5  | 85  | 49  | 75  | 14 | 4 | 10 | 504     | 136.76  | 154.81 |
| 32  | 25  | 160 | 78  | 69.5  | 39.0  | 85  | 49  | 85  | 14 | 4 | 10 | 697     | 176.08  | 197.78 |
| 40  | 32  | 180 | 88  | 82.5  | 46.0  | 108 | 64  | 100 | 18 | 4 | 10 | 1075    | 223.10  | 251.87 |
| 50  | 40  | 200 | 93  | 89.0  | 52.0  | 108 | 64  | 110 | 18 | 4 | 10 | 1346    | 264.63  | 334.78 |
| 63  | 50  | 230 | 111 | 108.0 | 62.0  | 134 | 76  | 125 | 18 | 4 | 10 | 2060    | 339.42  | 378.40 |
| 75  | 65  | 290 | 133 | 164.0 | 87.0  | 327 | 272 | 145 | 17 | 4 | 10 | 4500    | 519.90  | 620.40 |
| 90  | 80  | 310 | 149 | 177.0 | 105.0 | 327 | 272 | 160 | 17 | 8 | 10 | 6455    | 653.53  | 779.78 |
| 110 | 100 | 350 | 167 | 195.0 | 129.0 | 385 | 330 | 180 | 17 | 8 | 10 | 9090    | 791.19  | 932.19 |

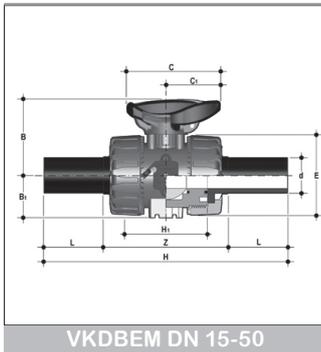
Aansluiting volgens ANSI op aanvraag.  
Raccordement selon ANSI sur demande.  
Connection acc. to ANSI on request.



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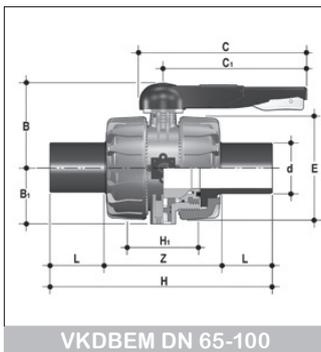


KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

2-Wegkogelafsluiter, Dual Block® met mannelijke lasuiteinden PE-HD  
Zittingen PTFE/EPDM, PTFE/FPM.

Robinets à bille Dual Block® tournant sphérique à 2 voies. Avec embouts mâles à souder en PE-HD. Sièges PTFE/EPDM, PTFE/FPM.

2-Way ball valve Dual Block® with male ends for welding sockets on PE-HD  
Seats PTFE/EPDM, PTFE/FPM.



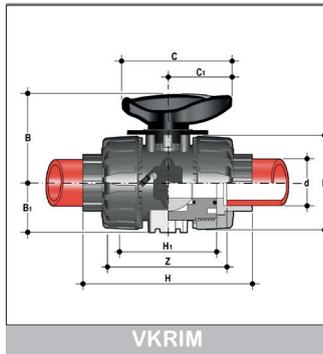
| D   | DN  | L  | H   | H1  | E   | B     | B1   | C   | C1  | PN | G/ST/PC | €/ST/PC |        |
|-----|-----|----|-----|-----|-----|-------|------|-----|-----|----|---------|---------|--------|
|     |     |    |     |     |     |       |      |     |     |    |         | EPDM    | FPM    |
| 20  | 15  | 41 | 174 | 65  | 54  | 54.0  | 29.0 | 67  | 40  | 10 | 153     | 64.01   | 76.45  |
| 25  | 20  | 52 | 209 | 70  | 65  | 65.0  | 34.5 | 85  | 49  | 10 | 222     | 75.18   | 89.74  |
| 32  | 25  | 55 | 221 | 78  | 73  | 69.5  | 39.0 | 85  | 49  | 10 | 303     | 91.13   | 112.61 |
| 40  | 32  | 56 | 241 | 88  | 86  | 82.5  | 46.0 | 108 | 64  | 10 | 485     | 114.11  | 139.08 |
| 50  | 40  | 58 | 260 | 93  | 98  | 89.0  | 52.0 | 108 | 64  | 10 | 672     | 150.55  | 175.21 |
| 63  | 50  | 66 | 293 | 111 | 122 | 108.0 | 62.0 | 134 | 76  | 10 | 1176    | 183.57  | 234.96 |
| 75  | 65  | 71 | 356 | 133 | 162 | 164   | 87   | 327 | 272 | 10 | 3190    | 421.43  | 521.46 |
| 90  | 80  | 88 | 390 | 149 | 202 | 177   | 105  | 327 | 272 | 10 | 5280    | 525.61  | 656.31 |
| 110 | 100 | 92 | 431 | 167 | 236 | 195   | 129  | 385 | 330 | 10 | 8010    | 635.14  | 759.68 |



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VKRIM

2 WEG KOGELKRANEN VOOR LINEAIRE DEBIETREGELING  
VANNES A BILLE A 3 VOIES POUR REGULATION LINEAIRE DU DEBIT  
2 WAY BALL VALVES FOR LINEAR FLOW CONTROL

Vrouwelijke lasmof.

Volledig uitwisselbaar met kogelkransen type VK Dual Block®.

Bereik: 0-90° / monodirectioneel. Met schaalverdeling per 5°

Op aanvraag: elektrisch met posi 4-20mA / pneumatisch met klepstandsteller 4-20mA.

Bouts femelles à souder.

Complètement interchangeable avec les robinets à bille VK Dual Block®.

Portée: 0-90° / mono directionnel. Graduation visuelle par 5°.

Sur demande: actuateur électrique avec Posi 4-20mA / actuateur pneumatique avec positionneur 4-20mA.

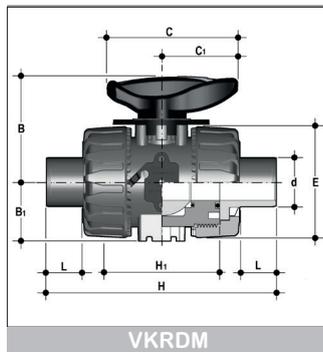
Spigots for socket welding.

Complete interchangeability with VK Dual Block® series.

Range of use: 0-90° / unidirectional flow. Accuracy of the reading position 5°.

On request: electric actuator with Posi card 4-20mA / pneumatic actuator with positioner 4-20mA.

| D  | DN | PN | B     | B <sub>1</sub> | C   | C <sub>1</sub> | E   | H <sub>1</sub> | L    | Z     | H   | G/ST/PC | €/ST/PC |        |
|----|----|----|-------|----------------|-----|----------------|-----|----------------|------|-------|-----|---------|---------|--------|
|    |    |    |       |                |     |                |     |                |      |       |     |         | EPDM    | FPM    |
| 16 | 10 | 10 | 54.0  | 29.0           | 67  | 40             | 54  | 65             | 14.0 | 74.5  | 102 | 150     | 196.00  | 205.96 |
| 20 | 15 | 10 | 54.0  | 29.0           | 67  | 40             | 54  | 65             | 14.5 | 73.0  | 102 | 145     | 196.16  | 206.02 |
| 25 | 20 | 10 | 65.0  | 34.5           | 85  | 49             | 65  | 70             | 16.0 | 82.0  | 114 | 218     | 217.37  | 227.82 |
| 32 | 25 | 10 | 69.5  | 39.0           | 85  | 49             | 73  | 78             | 18.0 | 90.0  | 126 | 298     | 256.22  | 271.85 |
| 40 | 32 | 10 | 82.5  | 46.0           | 108 | 64             | 86  | 88             | 20.5 | 100.0 | 141 | 480     | 287.09  | 304.55 |
| 50 | 40 | 10 | 89.0  | 52.0           | 108 | 64             | 98  | 93             | 23.5 | 117.0 | 164 | 682     | 356.33  | 376.53 |
| 63 | 50 | 10 | 108.0 | 62.0           | 134 | 76             | 122 | 111            | 27.5 | 144.0 | 199 | 1166    | 379.22  | 416.30 |



VKRDM

2 WEG KOGELKRANEN VOOR LINEAIRE DEBIETREGELING  
VANNES A BILLE A 3 VOIES POUR REGULATION LINEAIRE DU DEBIT  
2 WAY BALL VALVES FOR LINEAR FLOW CONTROL

Mannelijke lasmof.

Volledig uitwisselbaar met kogelkransen type VK Dual Block®.

Bereik: 0-90° / monodirectioneel. Met schaalverdeling per 5°

Op aanvraag: elektrisch met posi 4-20mA / pneumatisch met klepstandsteller 4-20mA.

Bouts mâles à souder.

Complètement interchangeable avec les robinets à bille VK Dual Block®.

Portée: 0-90° / mono directionnel. Graduation visuelle par 5°.

Sur demande: actuateur électrique avec Posi 4-20mA / actuateur pneumatique avec positionneur 4-20mA.

Spigots for socket welding.

Complete interchangeability with VK Dual Block® series.

Range of use: 0-90° / unidirectional flow. Accuracy of the reading position 5°.

On request: electric actuator with Posi card 4-20mA / pneumatic actuator with positioner 4-20mA.

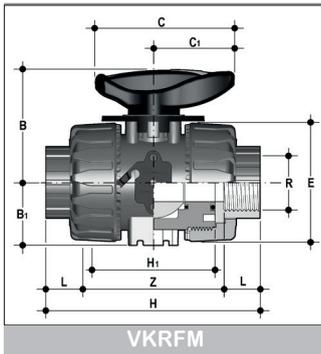
| D  | DN | PN | B     | B <sub>1</sub> | C   | C <sub>1</sub> | E   | H <sub>1</sub> | H   | L  | G/ST/PC | €/ST/PC |        |
|----|----|----|-------|----------------|-----|----------------|-----|----------------|-----|----|---------|---------|--------|
|    |    |    |       |                |     |                |     |                |     |    |         | EPDM    | FPM    |
| 16 | 10 | 10 | 54.0  | 29.0           | 67  | 40             | 54  | -              | -   | -  | -       | 196.00  | 205.96 |
| 20 | 15 | 10 | 54.0  | 29.0           | 67  | 40             | 54  | 65             | 124 | 16 | 153     | 196.16  | 206.02 |
| 25 | 20 | 10 | 65.0  | 34.5           | 85  | 49             | 65  | 70             | 144 | 18 | 222     | 217.37  | 227.82 |
| 32 | 25 | 10 | 69.5  | 39.0           | 85  | 49             | 73  | 78             | 154 | 20 | 303     | 256.22  | 271.85 |
| 40 | 32 | 10 | 82.5  | 46.0           | 108 | 64             | 86  | 88             | 174 | 22 | 485     | 287.09  | 304.55 |
| 50 | 40 | 10 | 89.0  | 52.0           | 108 | 64             | 98  | 93             | 194 | 23 | 672     | 356.33  | 376.53 |
| 63 | 50 | 10 | 108.0 | 62.0           | 134 | 76             | 122 | 111            | 224 | 29 | 1176    | 379.22  | 416.30 |



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VKRFM

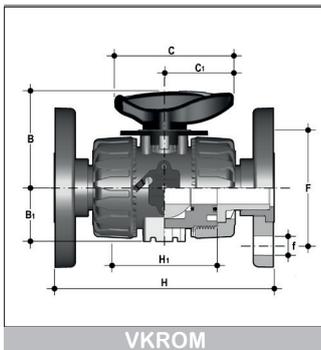
2 WEG KOGELKRANEN VOOR LINEAIRE DEBIETREGELING  
VANNES A BILLE A 3 VOIES POUR REGULATION LINEAIRE DU DEBIT  
2 WAY BALL VALVES FOR LINEAR FLOW CONTROL

Inwendige draadaansluiting BS.  
Volledig uitwisselbaar met kogelkransen type VK Dual Block.  
Bereik: 0-90° / monodirectioneel. Met schaalverdeling per 5°  
Op aanvraag: elektrisch met posi 4-20mA / pneumatisch met klepstandsteller 4-20mA.

Bouts femelles filletés BS.  
Complètement interchangeable avec les robinets à bille VK Dual Block.  
Portée: 0-90° / mono directionnel. Graduation visuelle par 5°.  
Sur demande: actuateur électrique avec Posi 4-20mA / actuateur pneumatique avec positionneur 4-20mA.

BS parallel treaded sockets.  
Complete interchangeability with VK Dual Block series.  
Range of use: 0-90° / unidirectional flow. Accuracy of the reading position 5°.  
On request: electric actuator with Posi card 4-20mA / pneumatic actuator with positioner 4-20mA.

| R      | DN | PN | B     | B'   | C   | C' | E   | H   | H'  | L  | Z   | G/ST/PC | €/ST/PC |        |
|--------|----|----|-------|------|-----|----|-----|-----|-----|----|-----|---------|---------|--------|
|        |    |    |       |      |     |    |     |     |     |    |     |         | EPDM    | FPM    |
| 3/8"   | 10 | 10 | 54.0  | 29.0 | 67  | 40 | 54  | 103 | 65  | -  | -   | -       | 204.81  | 215.26 |
| 1/2"   | 15 | 10 | 54.0  | 29.0 | 67  | 40 | 54  | 110 | 65  | 15 | 80  | 145     | 204.81  | 215.26 |
| 3/4"   | 20 | 10 | 65.0  | 34.5 | 85  | 49 | 65  | 116 | 70  | 16 | 83  | 220     | 224.30  | 235.32 |
| 1"     | 25 | 10 | 69.5  | 39.0 | 85  | 49 | 73  | 134 | 78  | 19 | 96  | 298     | 276.47  | 288.03 |
| 1 1/4" | 32 | 10 | 82.5  | 46.0 | 108 | 64 | 86  | 153 | 88  | 21 | 110 | 488     | 296.35  | 316.05 |
| 1 1/2" | 40 | 10 | 89.0  | 52.0 | 108 | 64 | 98  | 156 | 93  | 21 | 113 | 682     | 367.83  | 388.68 |
| 2"     | 50 | 10 | 108.0 | 62.0 | 134 | 76 | 122 | 186 | 111 | 26 | 135 | 1181    | 397.82  | 436.03 |



VKROM

2 WEG KOGELKRANEN VOOR LINEAIRE DEBIETREGELING  
VANNES A BILLE A 3 VOIES POUR REGULATION LINEAIRE DU DEBIT  
2 WAY BALL VALVES FOR LINEAR FLOW CONTROL

Volledig uitwisselbaar met kogelkransen type VK Dual Block® met DIN 8063, DIN 2501 vaste flenzen. Inbouwlengthe volgens EN 558-1.  
Bereik: 0-90° / monodirectioneel. Met schaalverdeling per 5°  
Op aanvraag: elektrisch met posi 4-20mA / pneumatisch met klepstandsteller 4-20mA.

Complètement interchangeable avec les robinets à bille VK Dual Block® avec brides fixes DIN 8063, DIN 2501. Encombrement selon EN 558-1.  
Portée: 0-90° / mono directionnel. Graduation visuelle par 5°.  
Sur demande: actuateur électrique avec Posi 4-20mA / actuateur pneumatique avec positionneur 4-20mA.

Complete interchangeability with VK Dual Block® with DIN 8063, DIN 2501 fixed backing rings.  
Face to face according EN 558-1.  
Range of use: 0-90° / unidirectional flow. Accuracy of the reading position 5°.  
On request: electric actuator with Posi card 4-20mA / pneumatic actuator with positioner 4-20mA.

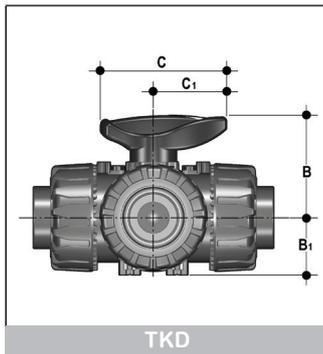
| D  | DN | PN | B     | B'   | C   | C' | F   | H   | H'  | U | f  | Sp | G/ST/PC | €/ST/PC |        |
|----|----|----|-------|------|-----|----|-----|-----|-----|---|----|----|---------|---------|--------|
|    |    |    |       |      |     |    |     |     |     |   |    |    |         | EPDM    | FPM    |
| 20 | 15 | 10 | 54.0  | 29.0 | 67  | 40 | 65  | 130 | 65  | 4 | 14 | 11 | 387     | 244.94  | 259.93 |
| 25 | 20 | 10 | 65.0  | 34.5 | 85  | 49 | 75  | 150 | 70  | 4 | 14 | 14 | 504     | 274.40  | 289.48 |
| 32 | 25 | 10 | 69.5  | 39.0 | 85  | 49 | 85  | 160 | 78  | 4 | 14 | 14 | 697     | 328.47  | 350.77 |
| 40 | 32 | 10 | 82.5  | 46.0 | 108 | 64 | 100 | 180 | 88  | 4 | 18 | 14 | 1075    | 385.98  | 409.89 |
| 50 | 40 | 10 | 89.0  | 52.0 | 108 | 64 | 110 | 200 | 93  | 4 | 18 | 16 | 1346    | 464.23  | 481.56 |
| 63 | 50 | 10 | 108.0 | 62.0 | 134 | 76 | 125 | 230 | 111 | 4 | 18 | 16 | 2060    | 510.79  | 554.10 |



kranen  
vannes  
valves

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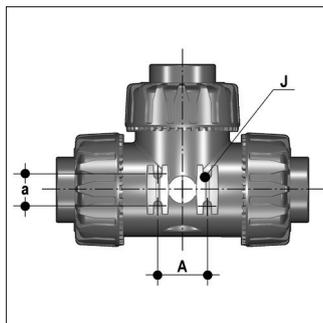
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3 WEG KOGELKRANEN  
VANNES A BILLE A 3 VOIES  
3 WAY BALL VALVES

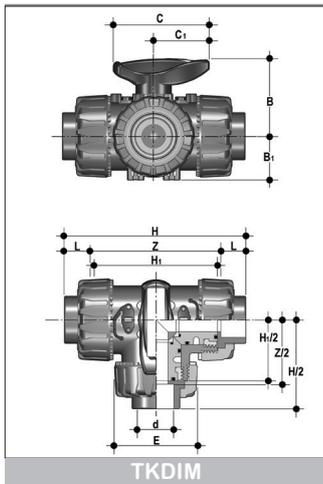
Radiaal demonteerbaar PN 16.  
Demontage in stroomafwaartse richting mogelijk met de afsluiter in de gesloten stand.

Démontable radialement PN 16.  
Démontage du raccord possible en direction aval, avec la vanne en position fermée.

Radial disassembling PN 16.  
Option of dismantling downstream pipes with the valve in closed position.



| D  | DN | B   | B <sub>1</sub> | C   | C <sub>1</sub> | a  | A  | J  |
|----|----|-----|----------------|-----|----------------|----|----|----|
| 20 | 15 | 54  | 29             | 67  | 40             | 20 | 31 | M5 |
| 25 | 20 | 65  | 35             | 85  | 49             | 20 | 31 | M5 |
| 32 | 25 | 70  | 39             | 85  | 49             | 20 | 31 | M5 |
| 40 | 32 | 83  | 46             | 108 | 64             | 30 | 50 | M6 |
| 50 | 40 | 89  | 52             | 108 | 64             | 30 | 50 | M6 |
| 63 | 50 | 108 | 62             | 134 | 76             | 30 | 50 | M6 |



TKDIM

3 WEG KOGELKRANEN  
VANNES A BILLE A 3 VOIES  
3 WAY BALL VALVES

PN 10

Moflusaansluiting, T-boring  
Bouts femelles à souder, perçage-T  
Welding sockets, T-bore

| d  | DN | E   | H   | H <sub>1</sub> | Z   | G/ST/PC | €/ST/PC |        |
|----|----|-----|-----|----------------|-----|---------|---------|--------|
|    |    |     |     |                |     |         | EPDM    | FPM    |
| 20 | 15 | 54  | 117 | 80             | 88  | 195     | 134.80  | 156.92 |
| 25 | 20 | 65  | 144 | 100            | 112 | 350     | 156.35  | 179.44 |
| 32 | 25 | 73  | 158 | 110            | 122 | 505     | 200.57  | 230.24 |
| 40 | 32 | 86  | 184 | 131            | 143 | 820     | 229.41  | 266.33 |
| 50 | 40 | 98  | 219 | 148            | 172 | 1070    | 273.18  | 333.88 |
| 63 | 50 | 122 | 267 | 179            | 212 | 1795    | 345.48  | 420.32 |

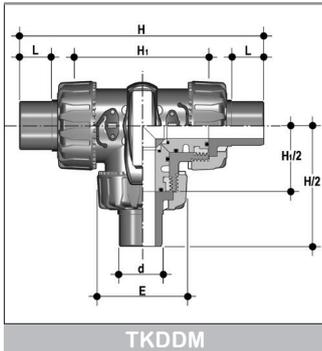
L-boring: prijzen + 17%  
Perçage L: prix + 17%  
L-bore: prices + 17%



kranen  
vannes  
valves

DUAL BLOCK®

PP



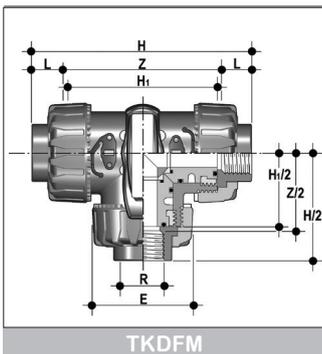
3 WEG KOGELKRANEN  
VANNES A BILLE A 3 VOIES  
3 WAY BALL VALVES

PN 10

Mannelijke lasmof, T-boring  
Bouts mâles à souder, perçage-T  
Spigots for socket welding, T-bore

| d  | DN | E   | H   | H1  | L  | G/ST/PC | €/ST/PC |        |
|----|----|-----|-----|-----|----|---------|---------|--------|
|    |    |     |     |     |    |         | EPDM    | FPM    |
| 20 | 15 | 54  | 140 | 80  | 16 | 205     | 154.81  | 172.93 |
| 25 | 20 | 65  | 175 | 100 | 19 | 360     | 174.33  | 197.74 |
| 32 | 25 | 73  | 188 | 110 | 22 | 515     | 223.64  | 253.80 |
| 40 | 32 | 86  | 220 | 131 | 26 | 835     | 255.79  | 296.99 |
| 50 | 40 | 98  | 251 | 148 | 31 | 1100    | 304.64  | 372.33 |
| 63 | 50 | 122 | 294 | 179 | 38 | 1830    | 385.26  | 470.86 |

L-boring: prijzen + 17%  
Perçage L: prix + 17%  
L-bore: prices + 17%



3 WEG KOGELKRANEN  
VANNES A BILLE A 3 VOIES  
3 WAY BALL VALVES

PN 10

Inwendige draadaansluiting, BS, T-boring.  
Bouts femelles filetés, BS, perçage-T.  
BS parallel threaded sockets, BS, T-bore.

| d      | DN | E   | H     | H1  | L    | Z   | g    | €/ST/PC |        |
|--------|----|-----|-------|-----|------|-----|------|---------|--------|
|        |    |     |       |     |      |     |      | EPDM    | FPM    |
| 1/2"   | 15 | 55  | 125.0 | 80  | 15.0 | 95  | 235  | 151.62  | 169.41 |
| 3/4"   | 20 | 66  | 146.0 | 100 | 16.3 | 114 | 400  | 170.81  | 193.72 |
| 1"     | 25 | 75  | 166.0 | 110 | 19.1 | 129 | 565  | 219.08  | 248.59 |
| 1 1/4" | 32 | 87  | 195.5 | 131 | 21.4 | 151 | 895  | 250.59  | 290.97 |
| 1 1/2" | 40 | 100 | 211.0 | 148 | 21.4 | 166 | 1160 | 298.40  | 364.72 |
| 2"     | 50 | 122 | 253.5 | 179 | 25.7 | 199 | 1945 | 377.40  | 461.25 |

L-boring: prijzen + 17%  
Perçage L: prix + 17%  
L-bore: prices + 17%



|                    |               |      |
|--------------------|---------------|------|
| VLINDERKLEPPEN -   | HANDBEDIEND   | FKOM |
| VANNES PAPILLON -  | AVEC POIGNEE  | FKOM |
| BUTTERFLY VALVES - | HAND OPERATED | FKOM |

**Afmetingen / dimensions / overall dimensions:**

ISO 5752 (DN 40-200 medium seri 25, DN 250-3000 long serie 16)  
DIN 3202 (DN 65-200 K2, DN 250-300 K3)

**Materialen / matériaux / materials:**

Lichaam / corps / body: PP-GR  
Klepblad / papillon / disc: PP-H  
Axe / axe / stem: RVS AISI 420 (AISI 316 op aanvraag / sur demande / on request)  
Zitting / siège / liner: FPM (EPDM, NBR op aanvraag / sur demande / on request)

**Wafer type:**

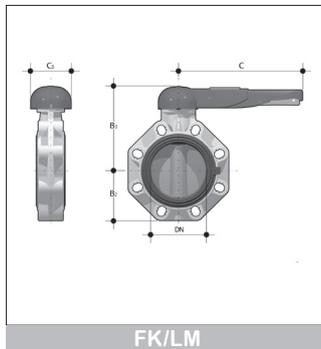
Tussen flenzen / entre brides / between flanges:  
EN ISO 1452, EN ISO 15493, DIN 2501, ISO 7005-1, EN 1092-1, ASTM B16.5 Cl. 150

**Opmerking / remarque / remark:**

Alvorens vlinderkleppen te monteren, is het aan te raden eerst de binnendiameter van de kragen te controleren. Bij bepaalde diameters kan een aanpassing van de kragen noodzakelijk zijn.

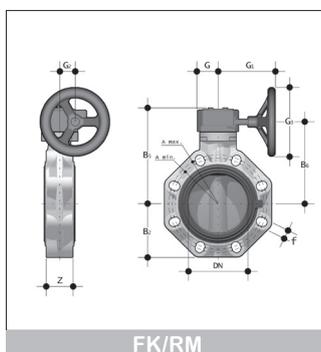
Avant d'effectuer l'installation de vannes papillons, il est conseillé de vérifier le diamètre intérieur des collets. En certains cas, il est nécessaire de chamfreiner.

Before installing butterfly valves, it is advisable to check the internal diameter of the stubs. For certain dimensions, it is necessary to chamfer the stubs.



FK/LM

| d   | DN  | PN | B <sup>2</sup> | B <sup>3</sup> | C   | C <sup>1</sup> | Z  | G<br>ST/PC | U | €/ST/PC |        |
|-----|-----|----|----------------|----------------|-----|----------------|----|------------|---|---------|--------|
|     |     |    |                |                |     |                |    |            |   | EPDM    | FPM    |
| 50  | 40  | 10 | 60             | 137            | 175 | 100            | 33 | 900        | 4 | 250.88  | 370.46 |
| 63  | 50  | 10 | 70             | 143            | 175 | 100            | 43 | 1080       | 4 | 265.65  | 396.00 |
| 75  | 65  | 10 | 80             | 164            | 272 | 110            | 46 | 1470       | 4 | 295.18  | 440.04 |
| 90  | 80  | 10 | 93             | 178            | 272 | 110            | 49 | 1870       | 8 | 310.37  | 461.96 |
| 110 | 100 | 10 | 107            | 192            | 272 | 110            | 56 | 2220       | 8 | 337.04  | 493.81 |
| 140 | 125 | 10 | 120            | 212            | 330 | 110            | 64 | 3100       | 8 | 447.43  | 645.48 |
| 160 | 150 | 10 | 134            | 225            | 330 | 110            | 70 | 3850       | 8 | 483.69  | 688.91 |
| 225 | 200 | 10 | 161            | 272            | 420 | 122            | 71 | 6750       | 8 | 626.49  | 893.99 |



FK/RM

| d   | DN  | PN | B <sup>2</sup> | B <sup>5</sup> | B <sup>6</sup> | G  | G <sup>1</sup> | G <sup>2</sup> | G <sup>3</sup> | Z   | G<br>ST/PC | U  | €/ST/PC |         |
|-----|-----|----|----------------|----------------|----------------|----|----------------|----------------|----------------|-----|------------|----|---------|---------|
|     |     |    |                |                |                |    |                |                |                |     |            |    | EPDM    | FPM     |
| 75  | 65  | 10 | 80             | 174            | 146            | 48 | 135            | 39             | 125            | 46  | 2400       | 4  | 677.88  | 845.17  |
| 90  | 80  | 10 | 93             | 188            | 160            | 48 | 135            | 39             | 125            | 49  | 2800       | 8  | 693.12  | 856.41  |
| 110 | 100 | 10 | 107            | 202            | 174            | 48 | 135            | 39             | 125            | 56  | 3150       | 8  | 719.74  | 888.86  |
| 140 | 125 | 10 | 120            | 222            | 194            | 48 | 144            | 39             | 200            | 64  | 4450       | 8  | 798.27  | 1039.74 |
| 160 | 150 | 10 | 134            | 235            | 207            | 48 | 144            | 39             | 200            | 70  | 5200       | 8  | 866.36  | 1089.13 |
| 225 | 200 | 10 | 161            | 287            | 256            | 65 | 204            | 60             | 200            | 71  | 9300       | 8  | 1095.81 | 1385.64 |
| 280 | 250 | 10 | 210            | 317            | 281            | 88 | 236            | 76             | 250            | 114 | 18600      | 12 | 2068.11 | 3305.04 |
| 315 | 300 | 8  | 245            | 374            | 338            | 88 | 236            | 76             | 250            | 114 | 25600      | 12 | 2230.92 | 3600.27 |
| 355 | 350 | 7  | 280            | 438            | 390            | 88 | 361            | 80             | 300            | 129 | -          | 16 | 5116.97 | 5684.60 |
| 400 | 400 | 6  | 306            | 438            | 390            | 88 | 361            | 80             | 300            | 169 | -          | 16 | 5762.95 | 7123.19 |

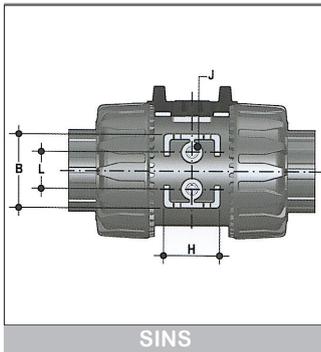
**TYPE LUG:**

met draadogen (DIN 5202, ANSI B16.5 cl. 150) op aanvraag  
avec oreilles taraudées (DIN 5202, ANSI B16.5 cl. 150) sur demande  
with threaded holes (DIN 5202, ANSI B16.5 cl. 150) on request



toebehoren voor kranen VKD - TKD - VKR  
 accessoires pour vannes VKD - TKD - VKR  
 accessories for valves VKD - TKD - VKR

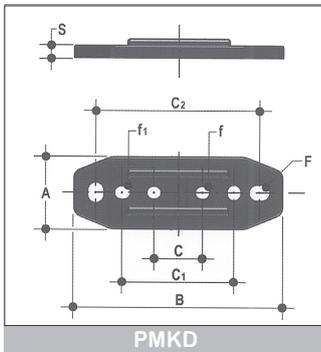
PP



SINS

DRAADBUSSEN  
 BUSELURES  
 THREADED INSERTS

| D  | DN | B    | H  | L  | J       | €/ST/PC = 20 ST/PC         |                               |
|----|----|------|----|----|---------|----------------------------|-------------------------------|
|    |    |      |    |    |         | Messing<br>Laiton<br>Brass | RVS 316<br>Inox 316<br>SS 316 |
| 16 | 10 | 31.5 | 27 | 20 | M4 x 6  | 15.82                      | 87.20                         |
| 20 | 15 | 31.5 | 27 | 20 | M4 x 6  | 15.82                      | 87.20                         |
| 25 | 20 | 40.0 | 30 | 20 | M4 x 6  | 15.82                      | 87.20                         |
| 32 | 25 | 40.0 | 30 | 20 | M4 x 6  | 15.82                      | 87.20                         |
| 40 | 32 | 50.0 | 35 | 30 | M6 x 10 | 19.02                      | 96.45                         |
| 50 | 40 | 50.0 | 35 | 30 | M6 x 10 | 19.02                      | 96.45                         |
| 63 | 50 | 60.0 | 40 | 30 | M6 x 10 | 19.02                      | 96.45                         |



PMKD

MONTAGEPLAAT  
 PLATINE  
 MOUNTING PLATE

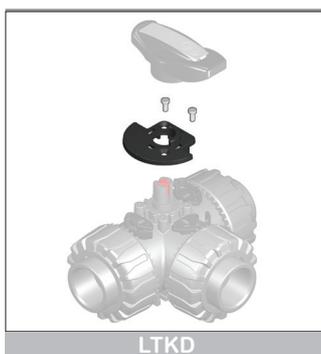
| D  | DN | A  | B   | C  | C1 | C2    | F   | f   | f1  | S | €/ST/PC |
|----|----|----|-----|----|----|-------|-----|-----|-----|---|---------|
| 16 | 10 | 30 | 86  | 20 | 46 | 67.5  | 6.5 | 5.3 | 5.5 | 5 | 8.96    |
| 20 | 15 | 30 | 86  | 20 | 46 | 67.5  | 6.5 | 5.3 | 5.5 | 5 | 8.96    |
| 25 | 20 | 30 | 86  | 20 | 46 | 67.5  | 6.5 | 5.3 | 5.5 | 5 | 8.96    |
| 32 | 25 | 30 | 86  | 20 | 46 | 67.5  | 6.5 | 5.3 | 5.5 | 5 | 8.96    |
| 40 | 32 | 40 | 122 | 30 | 72 | 102.0 | 6.5 | 6.3 | 6.5 | 6 | 9.76    |
| 50 | 40 | 40 | 122 | 30 | 72 | 102.0 | 6.5 | 6.3 | 6.5 | 6 | 9.76    |
| 63 | 50 | 40 | 122 | 30 | 72 | 102.0 | 6.5 | 6.3 | 6.5 | 6 | 9.76    |



SHKD

KIT HANDVAT VERGRENDING 0-90°  
 KIT DE VERROUILLAGE 0-90°  
 HANDLE BLOCK KIT 0-90°

| D       | €/ST/PC |
|---------|---------|
| 16 - 20 | 17.07   |
| 25 - 32 | 19.06   |
| 40 - 50 | 22.04   |
| 63      | 23.65   |



LTKD

HENDEL STOP 90°/180° KOERSBEPERKER 3 WEG KOGELKRAAN  
 BUTÉE DE POIGNÉE 90°/180° LIMITEUR DE COURSE VANNE A BOULE 3 VOIES  
 HANDLE STOP 90°/180° STROKE LIMITER 3 WAY BALL VALVE

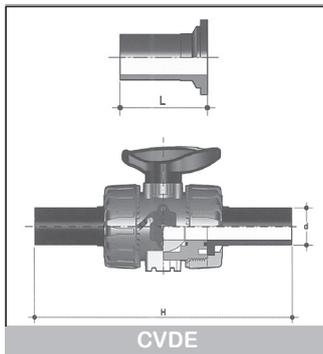
Voor / pour / for : TKD

| D     | €/ST/PC  |           |
|-------|----------|-----------|
|       | LTKD 90° | LTKD 180° |
| 16-20 | 17.07    | 17.07     |
| 25-32 | 20.83    | 20.83     |
| 40-50 | 24.93    | 24.93     |
| 63    | 31.26    | 31.26     |



toebereiden voor kranen VKD - TKD - VKR  
accessoires pour vannes VKD - TKD - VKR  
accessories for valves VKD - TKD - VKR

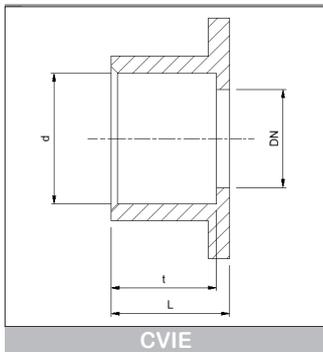
PP



HDPE 100 CONNECTOR VOOR STOMPLAS & ELECTROLAS  
CONNECT. HDPE 100 SOUDAGE BOUT A BOUT OU ELECTROSOUDAGE  
HDPE 100 END CONNECTOR FOR BUTT WELDING OR ELECTROFUSION

Voor / pour / for : VKD / TKD / SXE / RV / VV / VR / VKR / SSE / VEE

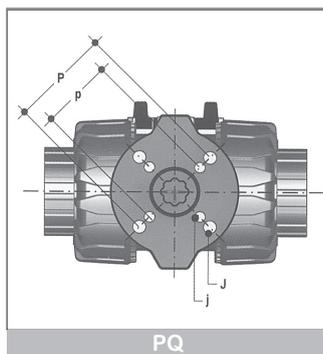
| d   | DN  | L   | H   | €/ST/PC |
|-----|-----|-----|-----|---------|
| 20  | 15  | 55  | 175 | 3.40    |
| 25  | 20  | 70  | 210 | 3.47    |
| 32  | 25  | 74  | 226 | 3.49    |
| 40  | 32  | 78  | 243 | 5.45    |
| 50  | 40  | 84  | 261 | 6.47    |
| 63  | 50  | 91  | 293 | 9.20    |
| 75  | 65  | 110 | 356 | 25.82   |
| 90  | 80  | 118 | 390 | 33.57   |
| 110 | 100 | 130 | 431 | 39.00   |



HDPE 100 CONNECTOR VOOR MOFLAS  
CONNECT. HDPE 100 POUR SOUDAGE A L'EMBOITURE  
HDPE 100 END CONNECTOR FOR SOCKET WELDING

Voor / pour / for : VKD / TKD / SXE / RV / VV / VR / VKR / SSE / VEE

| d  | DN | L  | t    | €/ST/PC |
|----|----|----|------|---------|
| 20 | 15 | 18 | 16.0 | 9.41    |
| 25 | 20 | 22 | 17.0 | 10.05   |
| 32 | 25 | 25 | 19.5 | 10.58   |
| 40 | 32 | 28 | 22.0 | 11.21   |
| 50 | 40 | 34 | 25.0 | 12.65   |
| 63 | 50 | 43 | 29.0 | 21.57   |

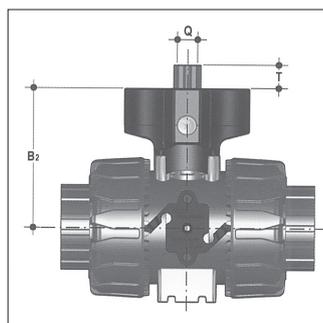


POWERQUICK

Opbouwmodule in PP-GVK geschikt voor VKD + TKD + VKR  
Kit d'accouplement en PP-FRP pour VKD + TKD + VKR  
Module for assembly in PP-FRP for VKD + TKD + VKR

| d  | DN | B2    | T  | p x j     | P x J     |
|----|----|-------|----|-----------|-----------|
| 16 | 10 | 58.0  | 16 | F03 x 5.5 | F04 x 5.5 |
| 20 | 15 | 58.0  | 16 | F03 x 5.5 | F04 x 5.5 |
| 25 | 20 | 73.5  | 16 | F03 x 5.5 | F05 x 6.5 |
| 32 | 25 | 74.0  | 16 | F03 x 5.5 | F05 x 6.5 |
| 40 | 32 | 97.0  | 16 | F05 x 6.5 | F07 x 8.5 |
| 50 | 40 | 104.0 | 16 | F05 x 6.5 | F07 x 8.5 |
| 63 | 50 | 114.0 | 16 | F05 x 6.5 | F07 x 8.5 |

\* F04 x 5.5 op aanvraag / sur demande / on request



| d       | Actuators CP (FIP) |        | Actuators CE (FIP) |        | Kit €/ST/PC |
|---------|--------------------|--------|--------------------|--------|-------------|
|         | ISO                | SQUARE | ISO                | SQUARE |             |
| 16 - 20 | F03-04*            | 11     | F03                | 14     | 66.18       |
| 25      | F03-05*            | 11     | F03                | 14     | 70.19       |
| 25      | F04                | 11     | F04                | 14     | 70.19       |
| 32      | F03-05*            | 11     | F03                | 14     | 70.19       |
| 32      | F04                | 14     | F04                | 14     | 70.19       |
| 40      | F05-07*            | 14     | F05                | 14     | 80.20       |
| 50      | F05-07*            | 14     | F05                | 14     | 80.20       |
| 63      | F05-07*            | 14     | F05                | 14     | 85.22       |



toebehoren voor kranen VKD - TKD - VKR  
accessoires pour vannes VKD - TKD - VKR  
accessories for valves VKD - TKD - VKR

PP

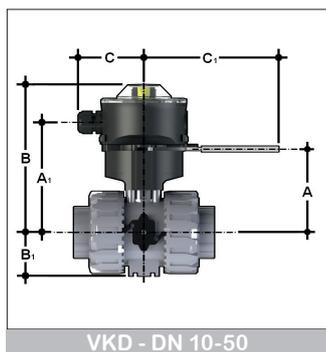


LSQT

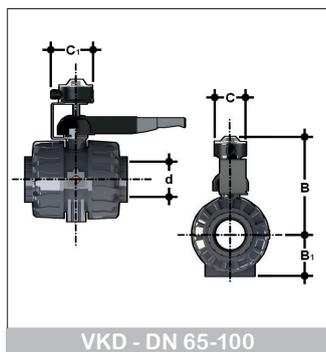
MICROSWITCHBOX MET TERUGMELDINGEN  
BOITIER FIN DE COURSE  
LIMIT SWITCH BOX

Geschikt voor montage op VKD + TKD kogelkranen in combinatie met LSQTKIT montageset.  
Pour vannes à boule VKD + TKD montage par l'aide du kit de montage LSQTKIT.  
For VKD+TKD ballvalves, to be installed with LSQTKIT mounting kit.

| D   | DN  | A   | A1    | B     | B1    | C     | C1    |
|-----|-----|-----|-------|-------|-------|-------|-------|
| 16  | 10  | 60  | 91.5  | 137.0 | 29.0  | 76.5  | 157.5 |
| 20  | 15  | 60  | 91.5  | 137.0 | 29.0  | 76.5  | 157.5 |
| 25  | 20  | 71  | 102.5 | 148.0 | 34.5  | 76.5  | 157.5 |
| 32  | 25  | 76  | 107.5 | 153.0 | 39.0  | 76.5  | 157.5 |
| 40  | 32  | 93  | 124.5 | 170.0 | 46.0  | 76.5  | 157.5 |
| 50  | 40  | 99  | 130.5 | 176.0 | 52.0  | 76.5  | 157.5 |
| 63  | 50  | 116 | 147.5 | 193.0 | 62.0  | 76.5  | 157.5 |
| 75  | 65  | -   | -     | 275.0 | 87.0  | 103.0 | 126.9 |
| 90  | 80  | -   | -     | 286.7 | 105.0 | 103.0 | 126.9 |
| 110 | 100 | -   | -     | 305.5 | 129.0 | 103.0 | 126.9 |



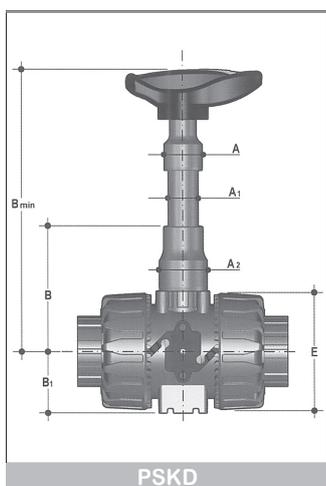
VKD - DN 10-50



VKD - DN 65-100

| d         | €/ST/PC<br>Montageset<br>Kit de montage<br>Mounting kit | €/ST/PC<br>Electromechanisch<br>Electromécanique<br>Electro mechanical | €/ST/PC<br>Inductief 3 draads PNP<br>Inductif 3 fils PNP<br>Inductive 3 wire PNP |
|-----------|---|--|--|
| 16 - 20   | LSQKIT020 86.59   | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 25        | LSQKIT025 91.81   | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 32        | LSQKIT032 91.81   | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 40        | LSQKIT040 104.97  | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 50        | LSQKIT050 104.97  | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 63        | LSQKIT063 111.53  | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 75-90-110 | LSKIT75160 207.09                                       | LSQTMEC 301.15   | LSQTPNP 513.32   |

Afsluiter niet incl., vanne non incl., valve not incl.



PSKD

VERLENGDE SPINDEL  
EXTENSION DE COMMANDE  
STEM EXTENSION

| D  | DN | A  | A1 | A2 | E   | B     | B1   | B min | €/ST/PC* |
|----|----|----|----|----|-----|-------|------|-------|----------|
| 16 | 10 | 32 | 25 | 32 | 54  | 70.0  | 29.0 | 139.5 | 35.67    |
| 20 | 15 | 32 | 25 | 32 | 54  | 70.0  | 29.0 | 139.5 | 35.67    |
| 25 | 20 | 32 | 25 | 40 | 65  | 89.0  | 34.5 | 164.5 | 36.43    |
| 32 | 25 | 32 | 25 | 40 | 73  | 93.5  | 39.0 | 169.0 | 37.39    |
| 40 | 32 | 40 | 32 | 50 | 86  | 110.0 | 46.0 | 200.0 | 37.77    |
| 50 | 40 | 40 | 32 | 50 | 98  | 116.0 | 52.0 | 206.0 | 39.32    |
| 63 | 50 | 40 | 32 | 59 | 122 | 122.0 | 62.0 | 225.0 | 43.39    |

D75-90-110 op aanvraag / sur demande / on request

\* PVC buis niet inbegrepen, tuyau en PVC pas inclus, PVC pipe not included.



toebehoren voor kranen FK  
accessoires pour vannes FK  
accessories for valves FK

PP

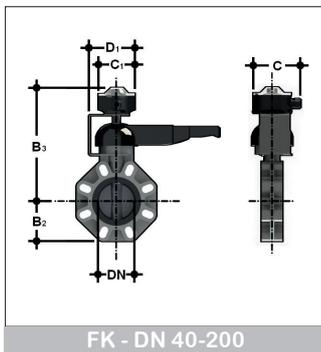


LSQT

MICROSWITCHBOX MET TERUGMELDINGEN  
BOITIER FIN DE COURSE  
LIMIT SWITCH BOX

Geschikt voor montage op FK vlinderkleppen in combinatie met LSQTKIT montageset.  
Pour vannes papillon FK montage par l'aide du kit de montage LSQTKIT.  
For FK butterfly lvalves, to be installed with LSQTKIT mounting kit.

| D   | B2  | B3    | C     | C1  | D1    |
|-----|-----|-------|-------|-----|-------|
| 40  | 60  | 260.5 | 126.9 | 103 | 123.5 |
| 50  | 70  | 266.5 | 126.9 | 103 | 123.5 |
| 65  | 80  | 273.5 | 126.9 | 103 | 123.5 |
| 80  | 93  | 287.5 | 126.9 | 103 | 123.5 |
| 100 | 107 | 301.5 | 126.9 | 103 | 123.5 |
| 125 | 120 | 321.5 | 126.9 | 103 | 123.5 |
| 150 | 134 | 334.5 | 126.9 | 103 | 123.5 |
| 200 | 161 | 385.0 | 126.9 | 103 | 129.8 |



FK - DN 40-200

| d      | €/ST/PC<br>Montageset<br>Kit de montage<br>Mounting kit | €/ST/PC<br>Electromechanisch<br>Electromécanique<br>Electro mechanical | €/ST/PC<br>Inductief 3 draads PNP<br>Inductif 3 fils PNP<br>Inductive 3 wire PNP |
|--------|---|--|--|
| 50-63  | LSKITFK5063 153.80                                      | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 75-160 | LSKITF75160 207.09                                      | LSQTMEC 301.15   | LSQTPNP 513.32   |
| 225    | LSKIT225 221.05   | LSQTMEC 301.15   | LSQTPNP 513.32   |

\*Afsluiter niet incl., vanne non incl., valve not incl.



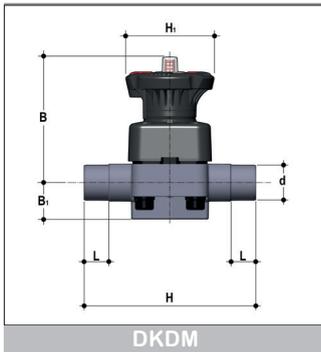
Adaptor voor opbouw aandrijving (elektrisch / pneumatisch) ISO 5211  
Adapteur pour montage actuateur (electrique / pneumatique) ISO 5211  
Adaptor for mounting of actuator (electrical / pneumatic) ISO 5211

d 50 160 : 24.94 €/ST/PC  
d 225 : 30.36 €/ST/PC



kranen  
vannes  
valves

PP

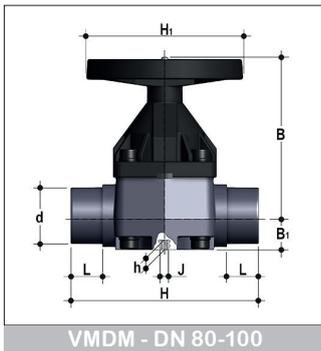


DKDM

MEMBRAANKRANEN  
VANNES A MEMBRANE  
DIAPHRAGM VALVES

PN 10

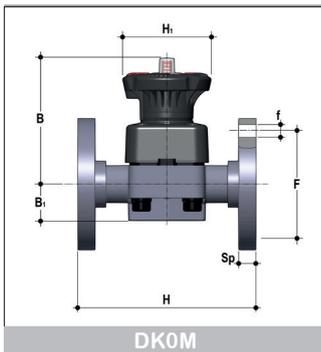
Uitwendige lasaansluiting.  
Bouts mâles pour soudage dans l'emboiture.  
Spigot welding.



VMDM - DN 80-100

| D    | DN  | L  | H   | H <sub>1</sub> | B   | B <sub>1</sub> | G/ST/PC | €/ST/PC |          |        |
|------|-----|----|-----|----------------|-----|----------------|---------|---------|----------|--------|
|      |     |    |     |                |     |                |         | EPDM    | FPM      | PTFE   |
| 20   | 15  | 16 | 124 | 80             | 102 | 25             | 430     | 85.94   | 133.02   | 153.07 |
| 25   | 20  | 19 | 144 | 80             | 105 | 30             | 445     | 93.02   | 133.02   | 161.31 |
| 32   | 25  | 22 | 154 | 80             | 114 | 33             | 620     | 109.48  | 157.77   | 176.62 |
| 40   | 32  | 26 | 174 | 80             | 119 | 30             | 650     | 128.26  | 208.39   | 230.67 |
| 50   | 40  | 31 | 194 | 120            | 147 | 35             | 1380    | 167.12  | 245.44   | 269.55 |
| 63   | 50  | 38 | 224 | 120            | 172 | 46             | 2135    | 202.53  | 337.74   | 335.55 |
| 75   | 65  | 44 | 284 | 120            | 172 | 46             | 2225    | 439.09  | 822.83   | 618.05 |
| * 90 | 80  | 51 | 300 | 215            | 225 | 55             | 7500    | 540.35  | 926.18   | 720.44 |
| *110 | 100 | -  | 350 | 250            | 295 | 55             | 15000   | 718.12  | 1,358.03 | 933.66 |

\* PTFE : PN 6 / TYPE VMDM

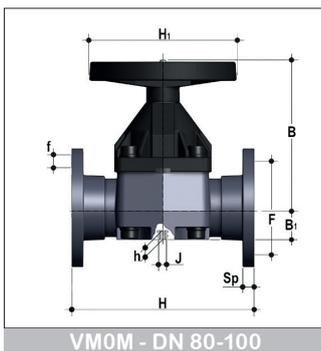


DK0M

MEMBRAANKRANEN  
VANNES A MEMBRANE  
DIAPHRAGM VALVES

PN 10

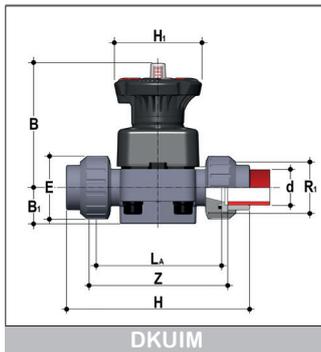
Flensaansluiting, vaste flenzen volgens DIN 2501.  
Raccordement à brides fixes, selon DIN 2501.  
Flanged connection with fixed backing rings DIN 2501.



VM0M - DN 80-100

\* PTFE : PN 6 / TYPE VM0M

| D    | DN  | B   | B <sub>1</sub> | H   | H <sub>1</sub> | Sp   | F   | f  | n | G/ST/PC | €/ST/PC |         |         |
|------|-----|-----|----------------|-----|----------------|------|-----|----|---|---------|---------|---------|---------|
|      |     |     |                |     |                |      |     |    |   |         | EPDM    | FPM     | PTFE    |
| 20   | 15  | 102 | 25             | 130 | 80             | 13.5 | 65  | 14 | 4 | 588     | 131.17  | 178.63  | 198.83  |
| 25   | 20  | 105 | 30             | 150 | 80             | 13.5 | 75  | 14 | 4 | 645     | 140.95  | 190.78  | 209.79  |
| 32   | 25  | 114 | 33             | 160 | 80             | 14.0 | 85  | 14 | 4 | 910     | 159.14  | 207.78  | 226.79  |
| 40   | 32  | 119 | 30             | 180 | 80             | 14.0 | 100 | 18 | 4 | 1110    | 193.64  | 274.39  | 296.81  |
| 50   | 40  | 147 | 35             | 200 | 120            | 16.0 | 110 | 18 | 4 | 1955    | 235.71  | 316.44  | 338.93  |
| 63   | 50  | 172 | 46             | 230 | 120            | 16.0 | 125 | 18 | 4 | 2905    | 297.44  | 433.88  | 431.69  |
| 75   | 65  | 225 | 55             | 290 | 120            | 21.0 | 145 | 18 | 4 | 3325    | 598.84  | 976.87  | 773.18  |
| * 90 | 80  | 225 | 55             | 310 | 215            | -    | 160 | 18 | 8 | 7500    | 727.92  | 1117.14 | 909.49  |
| *110 | 100 | 295 | 69             | 350 | 250            | -    | 180 | 18 | 8 | 11350   | 932.20  | 1577.67 | 1156.47 |

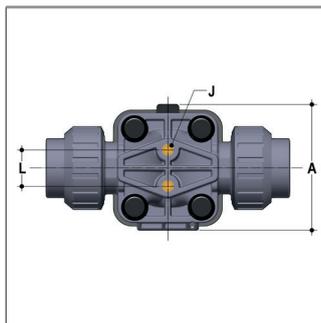


MEMBRAANKRANEN  
VANNES A MEMBRANE  
DIAPHRAGM VALVES

PN 10

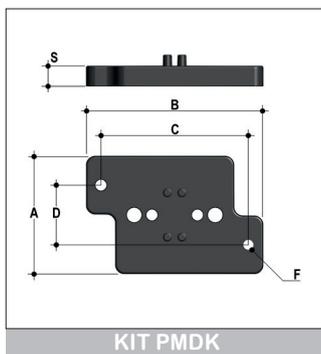
Aansluiting met driedelige koppelingen. Membraan in EPDM, FPM en PTFE.  
Raccordement à raccords-union. Membranen en EPDM, FPM et PTFE.  
Connection with socket unions. Diaphragm in EPDM, FPM and PTFE.

| D  | d  | B   | B <sub>1</sub> | E  | H   | H <sub>1</sub> | L <sub>A</sub> | R <sub>1</sub> | Z   | G/ST/PC | €/ST/PC |        |        |
|----|----|-----|----------------|----|-----|----------------|----------------|----------------|-----|---------|---------|--------|--------|
|    |    |     |                |    |     |                |                |                |     |         | EPDM    | FPM    | PTFE   |
| 20 | 15 | 102 | 25             | 41 | 128 | 80             | 90             | 1"             | 101 | 457     | 100.38  | 147.53 | 166.74 |
| 25 | 20 | 105 | 30             | 50 | 150 | 80             | 108            | 1 1/4"         | 119 | 500     | 107.44  | 156.98 | 175.84 |
| 32 | 25 | 114 | 33             | 58 | 163 | 80             | 116            | 1 1/2"         | 127 | 695     | 125.17  | 173.51 | 192.35 |
| 40 | 32 | 119 | 30             | 72 | 184 | 80             | 134            | 2"             | 145 | 781     | 145.26  | 225.48 | 247.87 |
| 50 | 40 | 147 | 35             | 79 | 210 | 120            | 154            | 2 1/4"         | 165 | 1526    | 185.97  | 264.40 | 286.77 |
| 63 | 50 | 172 | 46             | 98 | 248 | 120            | 184            | 2 3/4"         | 195 | 2410    | 227.80  | 363.50 | 361.19 |



MONTAGEPLAAT  
PLATINE  
MOUNTING PLATE

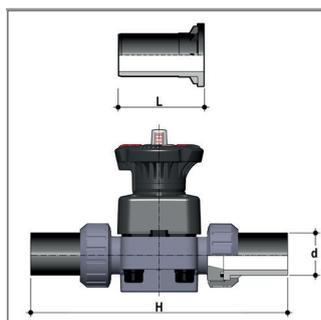
| D  | DN | A   | L    | J       |
|----|----|-----|------|---------|
| 20 | 15 | 74  | 25.0 | M6 x 10 |
| 25 | 20 | 74  | 25.0 | M6 x 10 |
| 32 | 25 | 87  | 25.0 | M6 x 10 |
| 40 | 32 | 87  | 25.0 | M6 x 10 |
| 50 | 40 | 114 | 44.5 | M8 x 14 |
| 63 | 50 | 136 | 44.5 | M8 x 14 |
| 75 | 65 | 136 | 44.5 | M8 x 14 |



KIT PMDK

| D  | DN | A  | B   | C   | D  | F   | S  | €/ST/PC |
|----|----|----|-----|-----|----|-----|----|---------|
| 20 | 15 | 65 | 97  | 81  | 33 | 5.5 | 11 | 17.53   |
| 25 | 20 | 65 | 97  | 81  | 33 | 5.5 | 11 | 17.53   |
| 32 | 25 | 65 | 97  | 81  | 33 | 5.5 | 11 | 17.53   |
| 40 | 32 | 65 | 97  | 81  | 33 | 5.5 | 11 | 17.53   |
| 50 | 40 | 65 | 144 | 130 | 33 | 6.5 | 11 | 19.74   |
| 63 | 50 | 65 | 144 | 130 | 33 | 6.5 | 11 | 19.74   |
| 75 | 65 | 65 | 144 | 130 | 33 | 6.5 | 11 | 19.74   |

Inclusief 2 RVS schroeven / Inclusif 2 ecroux en inox / 2 stainless steel screws included



HDPE 100 CONNECTOR VOOR STOMPLAS & ELECTROLAS  
CONNECT. HDPE 100 SOUDAGE BOUT A BOUT OU ELECTROSOUDAGE  
HDPE 100 END CONNECTOR FOR BUTT WELDING OR ELECTROFUSION

SDR11

| d  | DN | L  | H   | €/ST/PC |
|----|----|----|-----|---------|
| 20 | 15 | 95 | 280 | 6.22    |
| 25 | 20 | 95 | 298 | 7.28    |
| 32 | 25 | 95 | 306 | 9.24    |
| 40 | 32 | 95 | 324 | 11.82   |
| 50 | 40 | 95 | 344 | 12.21   |
| 63 | 50 | 95 | 374 | 17.79   |



kranen  
vannes  
valves

PP



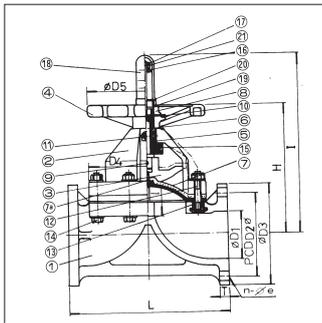
VAOM

MEMBRAANKRANEN - GROTE DIAMETERS  
VANNES A MEMBRANE - GRAND DIAMETRES  
DIAPHRAGM VALVES - BIG DIAMETERS

Aansluiting met flenzen.  
Membraan : EPDM, PTFE.

Raccordement à brides.  
Membrane : EPDM, PTFE.

Flange connection.  
Diaphragm : EPDM, PTFE.



| D       | DN  | PN   |      | L   | D   | D <sub>2</sub> | D <sub>3</sub> | H   | I   | T  | e  | n  | KG/<br>ST/PC |
|---------|-----|------|------|-----|-----|----------------|----------------|-----|-----|----|----|----|--------------|
|         |     | EPDM | PTFE |     |     |                |                |     |     |    |    |    |              |
| 125/140 | 125 | 8    | 7    | 400 | 125 | 210            | 250            | 308 | 420 | 23 | 18 | 8  | 14.3         |
| 160/180 | 150 | 8    | 5    | 480 | 148 | 240            | 285            | 334 | 476 | 27 | 23 | 8  | 23.0         |
| 200/225 | 200 | 3    | 2    | 600 | 196 | 295            | 340            | 419 | 627 | 34 | 23 | 8  | 35.7         |
| 250/280 | 250 | 3    | 2    | 730 | 247 | 350            | 385            | 510 | 778 | 36 | 23 | 12 | 61.6         |

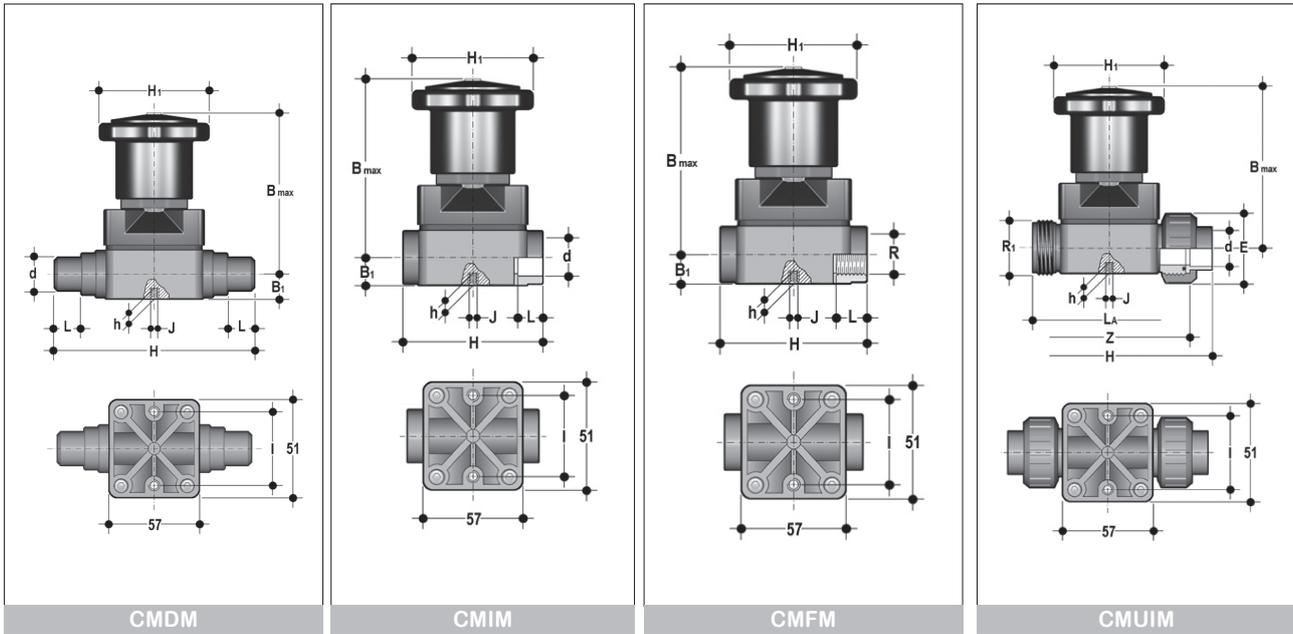
Prijs op aanvraag  
Prix sur demande  
Price on request



MEMBRAANAFSLUITERS  
ROBINETS A MEMBRANE  
DIAPHRAGM COCKS

PN 6

Volgens normen ISO-BS-ASTM.  
Normes selon ISO-BS-ASTM.  
According to ISO-BS-ASTM.

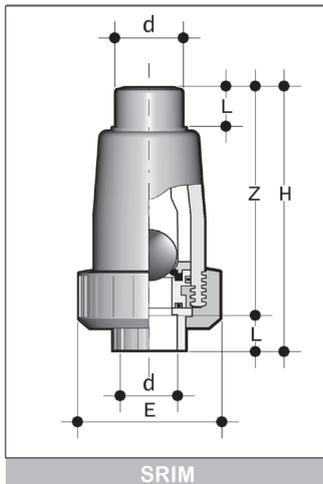


| CODE  | D/R  | DN | B<br>max. | B1 | H1   | H   | h | I  | J<br>l/min | L/LA | g   | z    | R1 | E  | €/ST/PC |        |         |
|-------|------|----|-----------|----|------|-----|---|----|------------|------|-----|------|----|----|---------|--------|---------|
|       |      |    |           |    |      |     |   |    |            |      |     |      |    |    | EPDM    | FPM    | CR+PTFE |
| CMDM  | 20   | 15 | 86        | 15 | 58.5 | 124 | 8 | 35 | M5         | 17   | 270 |      |    |    | 103.08  | 109.16 | 118.69  |
| CMIM  | 16   | 12 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5         | 14   | 240 |      |    |    | 57.64   | 78.55  | 88.36   |
| CMIM  | 20   | 15 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5         | 16   | 240 |      |    |    | 57.64   | 78.55  | 88.36   |
| CMFM  | 3/8" | 12 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5         | 11.5 | 240 |      |    |    | 57.64   | 78.55  | 88.36   |
| CMFM  | 1/2" | 15 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5         | 15.0 | 240 |      |    |    | 57.64   | 78.55  | 88.36   |
| CMUIM | 20   | 15 | 86        | -  | 58.5 | 130 | 8 | 35 | M5         | 90   | 255 | 97.5 | 1" | 41 | 91.96   | 111.66 | 122.68  |



kranen  
vannes  
valves

PP

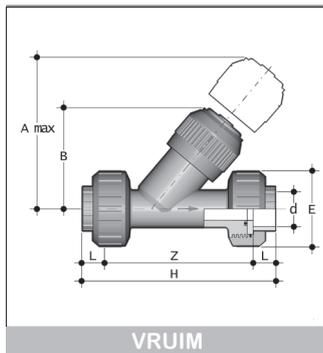


KOGEL TERUGSLAGKLEPPEN  
CLAPETS DE RETENUE A BILLE  
CHECK BALL VALVES

PN 10

Inwendige lasmoffen.  
Bouts femelles à souder.  
With welding sockets.

| d  | DN | E   | L  | Z   | H   | G/ST/PC | €/ST/PC<br>FPM |
|----|----|-----|----|-----|-----|---------|----------------|
| 20 | 15 | 55  | 16 | 89  | 105 | 75      | 68.60          |
| 25 | 20 | 65  | 19 | 107 | 126 | 140     | 75.96          |
| 32 | 25 | 74  | 22 | 126 | 148 | 215     | 83.26          |
| 40 | 32 | 86  | 26 | 146 | 172 | 320     | 102.29         |
| 50 | 40 | 99  | 31 | 158 | 189 | 440     | 121.14         |
| 63 | 50 | 120 | 38 | 186 | 224 | 750     | 181.79         |

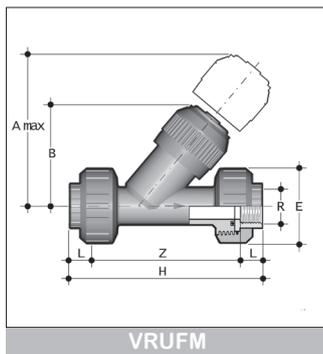


TERUGSLAGKLEPPEN  
CLAPETS DE RETENUE  
CHECK VALVES

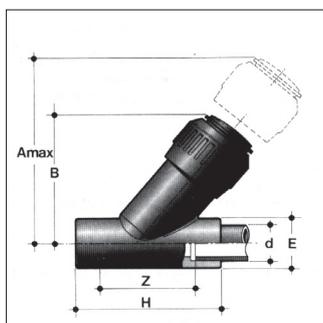
3-delige koppelingen met inwendige lasmof (VRUIM) of inwendige schroefdraad (VRUFM).  
Afdichting: FPM (EPDM op aanvraag)

Raccordement avec pièces folles, bouts femelles à souder (VRUIM) ou bouts femelles à fileter (VRUFM).  
Etanchéité: FPM (EPDM sur demande)

Three union connections for socket fusion (VRUIM) or interior thread (VRUFM).  
Seals: FPM (EPDM on request)



| D  | R      | PN | A<br>max | B     | E   | Z     |       | H     |       | G<br>ST/PC | €/ST/PC |        |
|----|--------|----|----------|-------|-----|-------|-------|-------|-------|------------|---------|--------|
|    |        |    |          |       |     | VRUIM | VRUFM | VRUIM | VRUFM |            | VRUIM   | VRUFM  |
| 20 | 1/2"   | 10 | 125      | 71.0  | 55  | 108.5 | 113.0 | 137.5 | 143   | 165        | 72.13   | 76.47  |
| 25 | 3/4"   | 10 | 145      | 83.0  | 65  | 125.0 | 127.4 | 157.0 | 160   | 227        | 82.68   | 87.61  |
| 32 | 1"     | 10 | 165      | 94.0  | 74  | 142.5 | 144.8 | 178.5 | 183   | 380        | 89.71   | 96.88  |
| 40 | 1 1/4" | 10 | 190      | 109.0 | 86  | 164.0 | 171.2 | 205.0 | 214   | 645        | 109.02  | 115.58 |
| 50 | 1 1/2" | 10 | 210      | 119.0 | 99  | 196.5 | 192.2 | 243.5 | 235   | 915        | 131.89  | 139.81 |
| 63 | 2"     | 10 | 240      | 142.5 | 120 | 239.0 | 233.6 | 294.0 | 285   | 1555       | 200.40  | 210.44 |

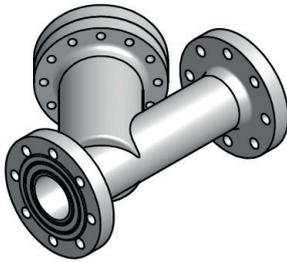


Inwendige lasmoffen (VRIM). Afdichting: FPM  
Bouts femelles à souder (VRIM). Etanchéité: FPM  
With welding sockets (VRIM). Seals: FPM

| D  | DN | Amax. | B   | E   | H   | Z   | K   | G/ST/PC | PN | €/ST/PC |
|----|----|-------|-----|-----|-----|-----|-----|---------|----|---------|
| 75 | 65 | 300   | 176 | 103 | 241 | 179 | 96  | 2450    | 6  | 402.46  |
| 90 | 80 | 325   | 193 | 115 | 260 | 189 | 105 | 3130    | 4  | 662.52  |

kranen  
vannes  
valves

PP



VROM

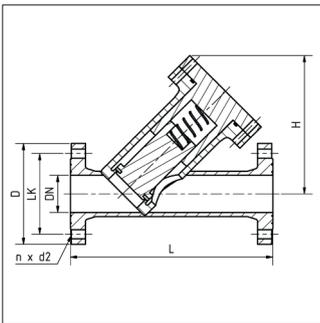
TERUGSLAGKLEPPEN MET SCHUINE ZITTING GROTE DIAMETERS  
CLAPTES DE RETENUE A SIEGE INCLINEEU EN GRAND DIAMETRES  
ANGLE SEAT CHECK VALVES BIG DIAMETERS

**PN 6**

Met vaste flenzen volgens DIN EN 1092-1, DIN2501 PN10.  
Veerbelast (FEP omwikkelde veer), dichtingen EPDM of FPM.

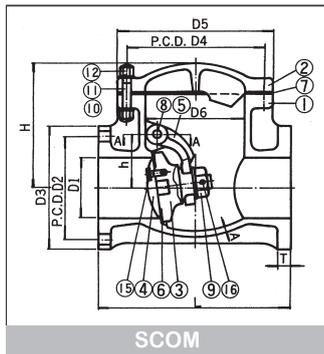
A brides fixes suivants DIN EN 1092-1, DIN2501 PN10.  
Avec ressort (FEP incapsulé), joints d'étanchéité en EPDM ou FPM.

Fixed flanges acc to DIN EN1092-1, DIN2501 PN10.  
Spring loaded (FEP coated), seals in EPDM or FPM.



| d   | DN  | H   | L   | LK  | D   | n x d2        | Kv<br>l/min<br>$\Delta p=1\text{bar}$ | G/ST/PC | €/ST/PC<br>EPDM | €/ST/PC<br>FPM |
|-----|-----|-----|-----|-----|-----|---------------|---------------------------------------|---------|-----------------|----------------|
| 75  | 65  | 260 | 370 | 145 | 185 | 4 x $\phi 18$ | 500                                   | 5200    | 1928            | 1961           |
| 90  | 80  | 275 | 410 | 160 | 200 | 8 x $\phi 18$ | 1000                                  | 7500    | 2110            | 2141           |
| 110 | 100 | 325 | 440 | 180 | 220 | 8 x $\phi 18$ | 1600                                  | 8500    | 2560            | 2629           |
| 160 | 150 | 430 | 600 | 240 | 285 | 8 x $\phi 22$ | 4500                                  | 13000   | 3954            | 4038           |

kranen vannes valves PP

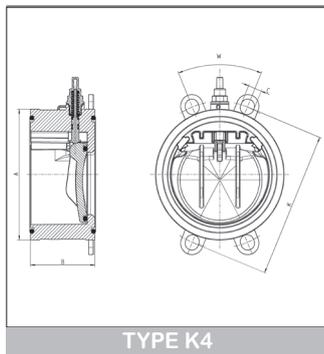
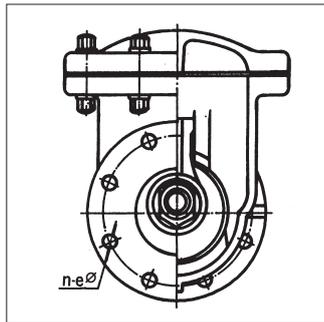


SWING TERUGSLAGKLEPPEN  
CLAPETS DE RETENUE SWING  
SWING CHECK VALVES

Flensaansluiting volgens DIN 2501 PN 10. Dichtingen : EPDM, FPM, PTFE.  
A brides suivant DIN 2501 PN 10. Joints : EPDM, FPM, PTFE.  
With flanges according to DIN 2501 PN 10. Seals : EPDM, FPM, PTFE.

| DN  | A   | B   | H   | L   | T  | PN<br>BAR* | G/ST/PC |
|-----|-----|-----|-----|-----|----|------------|---------|
| 20  | 105 | 86  | 90  | 140 | 15 | 7          | 460     |
| 25  | 115 | 130 | 120 | 160 | 15 | 7          | 1100    |
| 40  | 150 | 145 | 138 | 180 | 16 | 7          | 2100    |
| 50  | 165 | 180 | 164 | 200 | 17 | 7          | 2800    |
| 65  | 185 | 205 | 171 | 260 | 20 | 7          | 3500    |
| 80  | 200 | 205 | 171 | 260 | 20 | 7          | 3800    |
| 100 | 220 | 265 | 213 | 300 | 23 | 5          | 6600    |
| 125 | 250 | 330 | 238 | 350 | 25 | 5          | 11400   |
| 150 | 285 | 370 | 268 | 400 | 30 | 5          | 14300   |
| 200 | 340 | 425 | 306 | 500 | 31 | 3          | 23400   |

\* werkdruk bij 20°C  
\* pression de travail à 20°C  
\* working pressure at 20°C



TERUGSLAGKLEPPEN  
CLAPETS DE RETENUE  
CHECK VALVES

**PN 6**  
PP-GFK: PN 10 (DN250 : PN 8)  
PP: PN 6

Met standaardwijzer  
Opening tot 85°, dichting EPDM of FPM  
Verbinding d.m.v. kraag / flens  
Leverbaar met veer voor werkdruk van 3 - 7 - 10 bar

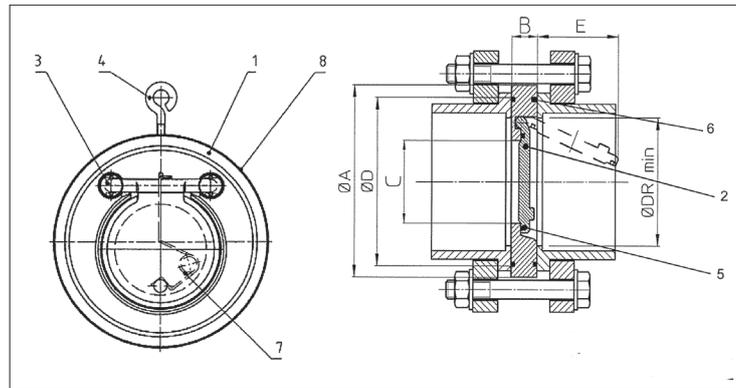
Avec indicateur de position.  
Ouverture jusqu'à 85°, joint EPDM ou FPM  
Raccordement avec collet / bride.  
Livable avec ressort pour pression de 3 - 7 - 10 bar.

With position indicator  
Opening up to 85°, gasket EPDM or FPM  
Connection by stub flange / flange  
With spring for pressure 3 - 7 - 10 bar.

| DN  | A   | B   | C  | K       | W      |
|-----|-----|-----|----|---------|--------|
| 65  | 115 | 63  | 20 | 139-145 | 90°    |
| 80  | 128 | 71  | 20 | 150-160 | 45°    |
| 100 | 155 | 80  | 20 | 175-191 | 45° BS |
| 150 | 212 | 106 | 24 | 234-242 | 45° BS |
| 200 | 264 | 140 | 24 | 290-299 | 45° BS |
| 250 | 325 | 140 | 27 | 350-362 | 30° BS |

prijzen op aanvraag / prix sur demande / prices on request.

VLINDERTERUGSLAGKLEPPEN  
CLAPETS DE RETENUE PAPILLON UNVM  
BUTTERFLYCHECK VALVES



1. body
2. disc
3. screw
4. ring screw
5. O-ring
6. O-ring
7. spring
8. typ plate
9. spacer

Eveneens leverbaar voor ASA 150 flenzen.  
Deze terugslagklep is niet aan te raden voor pulserende stromingen.  
Dichtingen : EPDM, FPM.  
Veer :RVS 316 of HASTELLOY optioneel

Egalement disponible pour brides ASA 150.  
Ces vannes de retenue ne conviennent pas pour des flux pulsés.  
Joints : EPDM, FPM.  
Ressort : INOX 316 of HASTELLOY en option

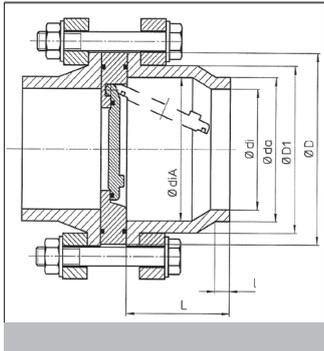
Also available to fit ANSi 150 flanges.  
These valves are not suitable for use with pulsating flows.  
Seals : EPDM, FPM.  
Spring : AISI 316 of HASTELLOY optional

| D   | DN  | A   | B  | *B | C   | D   | E   | F  | DR  | PN | €/ST/PC<br>EPDM |
|-----|-----|-----|----|----|-----|-----|-----|----|-----|----|-----------------|
| 40  | 32  | 85  | 15 | 15 | 18  | 59  | 22  | 25 | 37  | 6  | 141.17          |
| 50  | 40  | 95  | 16 | 16 | 22  | 72  | 25  | 28 | 43  | 6  | 155.93          |
| 63  | 50  | 109 | 18 | 18 | 32  | 86  | 37  | 29 | 54  | 6  | 169.97          |
| 75  | 65  | 129 | 20 | 20 | 40  | 105 | 50  | 31 | 70  | 6  | 176.07          |
| 90  | 80  | 144 | 20 | 20 | 54  | 119 | 61  | 32 | 82  | 6  | 194.33          |
| 110 | 100 | 164 | 23 | 23 | 70  | 146 | 77  | 31 | 106 | 6  | 219.63          |
| 140 | 125 | 195 | 23 | 23 | 92  | 173 | 94  | 35 | 131 | 6  | 241.57          |
| 160 | 150 | 220 | 26 | 26 | 105 | 197 | 100 | 40 | 159 | 6  | 246.52          |
| 225 | 200 | 275 | 34 | 34 | 154 | 255 | 152 | 38 | 207 | 6  | 482.23          |
| 280 | 250 | 330 | 40 | 40 | 192 | 312 | 180 | 41 | 260 | 6  | 904.63          |
| 315 | 300 | 380 | 45 | 45 | 227 | 363 | 215 | 41 | 309 | 6  | 1462.90         |
| 400 | 350 | 440 | 49 | 49 | 266 | 416 | 245 | 54 | 341 | 4  | -               |
| 450 | 400 | 491 | 65 | 65 | 310 | 467 | 285 | 55 | 392 | 4  | -               |
| 560 | 500 | 596 | 78 | 87 | 400 | 550 | 385 | 58 | 493 | 4  | -               |

B : afmetingen zonder veer / dimensions sans ressort / dimensions without spring  
\*B : afmetingen met veer / dimensions avec ressort / dimensions with spring

prijzen zonder veer / prix sans ressort / prices without spring  
D 400-560 : prijzen op aanvraag / prix sur demande / price on request

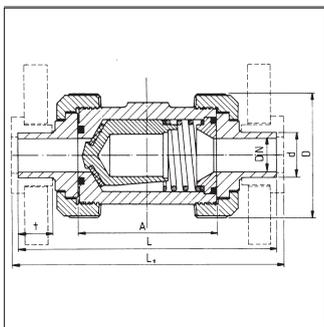
kranen vannes valves **PP**



VLINDERTERUGSLAGKLEPPEN  
CLAPETS DE RETENUE PAPILLON  
BUTTERFLYCHECK VALVES

Inbouwafmetingen met PP voorlaskragen  
Dimensions de construction pour les collets en PP  
Dimensions exit support for PP Stub Flanges

| DN  | D   | L   | da  | di  |      | diA | I  | D1  |
|-----|-----|-----|-----|-----|------|-----|----|-----|
|     |     |     |     | PN6 | PN10 |     |    |     |
| 32  | 80  | 65  | 40  | 35  | 32   | 37  | 30 | 50  |
| 40  | 90  | 68  | 50  | 43  | 41   | 43  | 30 | 61  |
| 50  | 105 | 74  | 63  | 54  | 51   | 54  | 30 | 77  |
| 65  | 125 | 78  | 75  | 66  | 61   | 70  | 30 | 91  |
| 80  | 140 | 87  | 90  | 79  | 73   | 82  | 35 | 109 |
| 100 | 160 | 102 | 110 | 97  | 90   | 106 | 35 | 132 |
| 100 | 160 | 90  | 125 | 110 | 102  | 106 | 35 | 132 |
| 125 | 190 | 125 | 140 | 124 | 114  | 130 | 47 | 166 |
| 150 | 215 | 150 | 160 | 141 | 130  | 158 | 52 | 189 |
| 150 | 215 | 130 | 180 | 158 | 147  | 158 | 52 | 189 |
| 200 | 270 | 200 | 200 | 177 | 163  | 206 | 55 | 249 |
| 200 | 270 | 180 | 225 | 199 | 184  | 206 | 56 | 249 |
| 250 | 325 | 225 | 250 | 221 | 204  | 259 | 63 | 293 |
| 250 | 325 | 200 | 280 | 248 | 229  | 259 | 63 | 293 |
| 300 | 375 | 255 | 315 | 280 | 257  | 308 | 66 | 337 |
| 350 | 435 | 285 | 355 | 314 | 290  | 341 | 71 | 375 |
| 400 | 486 | 325 | 400 | 354 | 327  | 392 | 78 | 429 |

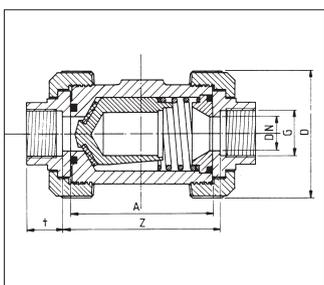
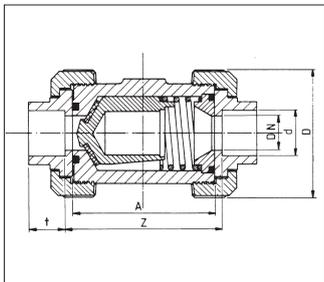


KEGEL TERUGSLAGKLEPPEN MET VEER  
CLAPETS DE RETENUE CHARGEE PAR RESSORT  
CHECK BALL VALVES SPRING LOADED

Vrouwelijke lasuiteinden (PRIM), mannelijke lasuiteinden (PRDM), draadaansluiting (PRFM), flensaansluiting (PROM). Dichtingen: EPDM, FPM, Veer: WSt 1.4401 met PTFE coating.

Bouts femelles à souder (PRIM), bouts mâles à souder (PRDM), filetage femelle (PRFM), à brides (PROM). Joints: EPDM, FPM Ressort: WSt 1.4401 enrobé avec PTFE.

Welding sockets (PRIM), welding spigots (PRDM), threaded sockets (PRFM), with flanges (PROM). Seals: EPDM, FPM, spring: WSt 1.4401 with PTFE coating.



| D   | DN | G      | L   | L1  | A   | Z     | t    | D     | PN |
|-----|----|--------|-----|-----|-----|-------|------|-------|----|
| 20  | 15 | 1/2"   | 124 | 130 | 62  | 67.5  | 16.0 | 52.5  | 10 |
| 25  | 20 | 3/4"   | 144 | 150 | 69  | 79.0  | 17.0 | 62.0  | 10 |
| 32  | 25 | 1"     | 154 | 160 | 73  | 84.0  | 19.5 | 69.5  | 10 |
| 40  | 32 | 1 1/4" | 174 | 180 | 83  | 96.0  | 22.0 | 84.0  | 10 |
| 50  | 40 | 1 1/2" | 194 | 200 | 94  | 114.0 | 25.0 | 100.0 | 10 |
| 63  | 50 | 2"     | 224 | 230 | 108 | 134.0 | 29.0 | 120.0 | 10 |
| 75  | 65 | 2 1/2" | 284 | 290 | 133 | 162.0 | 34.5 | 155.0 | 8  |
| 90  | 80 | 3"     | 300 | 310 | 160 | 208.0 | 38.5 | 187.0 | 6  |
| 110 | 80 | 4"     | 340 | 350 | 160 | 227.0 | 44.0 | 187.0 | 6  |

Openingsdruk 0.06 bar.  
Pression d'ouverture 0.06 bar.  
Opening pressure 0.06 bar.

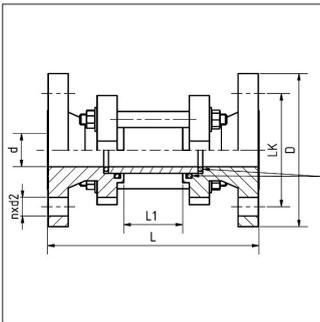


KIJKGLAZEN  
REGARDS DE COULEE  
INSPECTION GLASSES

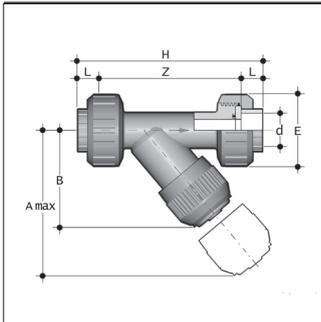
Met vaste flenzen volgens DIN EN 1092-1, DIN2501 PN10.  
Dubbele afdichting ten behoeve van verhoogde veiligheid (EPDM of FPM).  
Borosilikaat kijkglas.

A brides fixes suivants DIN EN 1092-1, DIN2501 PN10.  
Double étanchéité pour une sécurité élevée (EPDM ou FPM).  
Tube en verre borosilicaté.

Fixed flanges acc to DIN EN1092-1, DIN2501 PN10.  
Double process safety through 2 seals (EPDM or FPM).  
Tube in borosilicate glass.



| d                       | DN  | PN | L   | L1  | LK  | D   | n x d2  | G/ST/PC | €/ST/PC | €/ST/PC |
|-------------------------|-----|----|-----|-----|-----|-----|---------|---------|---------|---------|
| DIN EN 1092-1 / DIN2501 |     |    |     |     |     |     |         |         | EPDM    | FPM     |
| 20                      | 15  | 10 | 140 | 26  | 65  | 95  | 4 x ø14 | 500     | 346.50  | 386.54  |
| 25                      | 20  | 10 | 150 | 36  | 75  | 105 | 4 x ø14 | 800     | 366.52  | 411.18  |
| 32                      | 25  | 10 | 160 | 46  | 85  | 115 | 4 x ø14 | 1000    | 386.54  | 429.66  |
| 40                      | 32  | 10 | 180 | 58  | 100 | 140 | 4 x ø18 | 1200    | 443.52  | 486.64  |
| 50                      | 40  | 10 | 200 | 70  | 110 | 150 | 4 x ø18 | 1600    | 452.76  | 511.28  |
| 63                      | 50  | 10 | 230 | 92  | 125 | 165 | 4 x ø18 | 1900    | 486.64  | 555.94  |
| 75                      | 65  | 7  | 290 | 116 | 145 | 185 | 4 x ø18 | 3000    | 623.70  | 691.46  |
| 90                      | 80  | 7  | 310 | 126 | 160 | 200 | 8 x ø18 | 4200    | 746.90  | 828.52  |
| 110                     | 90  | 6  | 350 | 160 | 180 | 220 | 8 x ø18 | 4600    | 850.08  | 976.36  |
| 140                     | 125 | 5  | 400 | 196 | 210 | 250 | 8 x ø18 | 8500    | 1081.08 | 1205.82 |
| 160                     | 150 | 5  | 480 | 244 | 240 | 285 | 8 x ø22 | 10800   | 1496.88 | 1630.86 |



RVUIM

VUILVANGERS  
FILTRES A TAMIS  
SEDIMENT STRAINERS

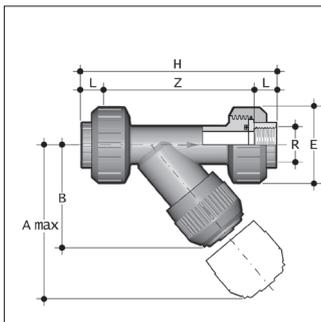
3-delige koppelingen met inwendige lasmof (RVUIM) of inwendige schroefdraad (RVUFM).  
Afdichting: FPM. Standaard PP zeefje 1.5 mm maaswijdte.

Raccordement avec pièces folles, bouts femelles a souder (RVUIM) ou bouts femelles à fileter (RVUFM).

Etancheité: FPM. Tamis standard en PP avec trame 1.5 mm.

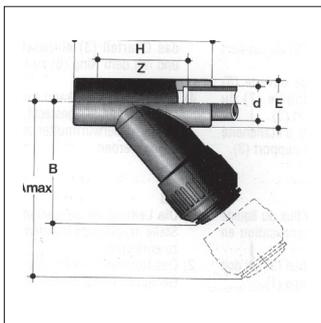
Three union connections for socket fusion (RVUIM) or interior thread (RVUFM).

Seals: FPM. Standard PP filter screen 1.5 mm mesh.



RVUFM

| D  | R      | PN | A<br>max | B     | E   | Z     |       | H     |       | G<br>ST/PC | €/ST/PC |        |
|----|--------|----|----------|-------|-----|-------|-------|-------|-------|------------|---------|--------|
|    |        |    |          |       |     | RVUIM | RVUFM | RVUIM | RVUFM |            | RVUIM   | RVUFM  |
| 20 | 1/2"   | 10 | 125      | 71.0  | 55  | 108.5 | 105.0 | 137.5 | 135   | 148        | 84.61   | 89.72  |
| 25 | 3/4"   | 10 | 145      | 83.0  | 65  | 125.0 | 124.4 | 157.0 | 157   | 195        | 105.53  | 111.84 |
| 32 | 1"     | 10 | 165      | 94.0  | 74  | 142.5 | 139.8 | 178.5 | 178   | 297        | 123.42  | 133.32 |
| 40 | 1 1/4" | 10 | 190      | 109.0 | 86  | 164.0 | 163.2 | 205.0 | 206   | 475        | 143.61  | 152.24 |
| 50 | 1 1/2" | 10 | 210      | 119.0 | 99  | 196.5 | 203.2 | 243.5 | 246   | 675        | 165.58  | 175.50 |
| 63 | 2"     | 10 | 240      | 142.5 | 120 | 239.0 | 242.6 | 294.0 | 294   | 1100       | 227.91  | 239.38 |



RVIM

Inwendige lasmoffen (RVIM). Afdichting: FPM. Standaard PP zeefje 1.5 mm maaswijdte.

Bouts femelles à souder (RVIM). Etancheité: FPM. Tamis standard en PP avec trame 1.5 mm.

With welding sockets (RVIM). Seals: FPM. Standard PP filter screen 1.5 mm mesh.

| D   | DN  | Amax. | B   | E   | H   | Z   | K   | G/ST/PC | PN | €/ST/PC |
|-----|-----|-------|-----|-----|-----|-----|-----|---------|----|---------|
| 75  | 65  | 300   | 176 | 103 | 241 | 179 | 96  | 1580    | 6  | 254.14  |
| 90  | 80  | 325   | 193 | 115 | 260 | 189 | 105 | 1920    | 4  | 326.08  |
| 110 | 100 | 385   | 229 | 138 | 323 | 240 | -   | 3000    | 4  | 641.99  |



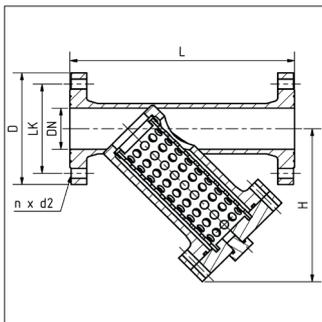
RVOM

VUILVANGERS IN GROTE DIAMETERS  
 FILTRES A TAMIS EN GRAND DIAMETRES  
 SEDIMENT STRAINERS IN BIG DIAMETERS

Met vaste flenzen volgens DIN EN 1092-1, DIN2501 PN10.  
 ETFE filter, standaard maaswijdte 2,0 mm, andere op aanvraag, dichtingen EPDM of FPM.

A brides fixes suivants DIN EN 1092-1, DIN2501 PN10.  
 Trame du filtre ETFE 2,0 mm, autres sur demande, joints d'étanchéité en EPDM ou FPM.

Fixed flanges acc to DIN EN1092-1, DIN2501 PN10.  
 ETFE filter, standard mesh 2,0 mm, others on request, seals in EPDM or FPM.



| d   | DN  | PN | H    | L    | LK  | D   | n x d2                | Kv<br>l/min<br>$\Delta p=1\text{bar}$ | G/ST/PC | €/ST/PC<br>EPDM | €/ST/PC<br>FPM |
|-----|-----|----|------|------|-----|-----|-----------------------|---------------------------------------|---------|-----------------|----------------|
| 75  | 65  | 6  | 260  | 370  | 145 | 185 | 4 x $\varnothing 18$  | 500                                   | 5000    | 1928            | 1961           |
| 90  | 80  | 6  | 275  | 410  | 160 | 200 | 8 x $\varnothing 18$  | 1000                                  | 6500    | 2110            | 2141           |
| 110 | 100 | 6  | 325  | 490  | 180 | 220 | 8 x $\varnothing 18$  | 1600                                  | 8000    | 2577            | 2629           |
| 140 | 125 | 6  | 380  | 550  | 210 | 250 | 8 x $\varnothing 22$  | 3000                                  | 13000   | 3274            | 3339           |
| 160 | 150 | 4  | 430  | 600  | 240 | 285 | 8 x $\varnothing 22$  | 4500                                  | 17000   | 3953            | 4038           |
| 225 | 200 | 4  | 550  | 700  | 295 | 340 | 8 x $\varnothing 22$  | 10000                                 | 24000   | 6692            | 6789           |
| 280 | 250 | 4  | 620  | 820  | 350 | 395 | 12 x $\varnothing 22$ | 4500                                  | 30000   | 8581            | 8701           |
| 315 | 300 |    | 780  | 950  | 400 | 445 | 12 x $\varnothing 22$ | -                                     | -       | -               | -              |
| 355 | 350 |    | 850  | 1020 | 460 | 505 | 16 x $\varnothing 22$ | -                                     | -       | -               | -              |
| 400 | 400 |    | 950  | 1120 | 315 | 565 | 16 x $\varnothing 26$ | -                                     | -       | -               | -              |
| 500 | 500 |    | 1050 | 1380 | 620 | 670 | 20 x $\varnothing 26$ | -                                     | -       | -               | -              |

**Op aanvraag :**

- Diameters tot DN500
- Versterkte versie met glasvezel versterking
- Manometeraansluiting op de filteruitgang
- Aftapkraan
- Snelsluitsysteem

**Sur demande:**

- Diamètres jusqu'à DN500
- Version avec renforcement en fibres de verre
- Perçage pour manomètre
- Vanne de purge
- Tendeurs rapides

**On request:**

- Sizes up to DN500
- Fiberglass reinforced version
- Pressure gauge port
- Drainvalve
- Quick release clamps



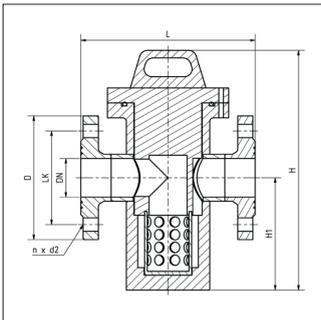
BSOM

MANDFILTERS  
FILTRES A PANIER  
POT STRAINERS

Met vaste flenzen volgens DIN EN 1092-1, DIN2501 PN10.  
ETFE filter, standaard maaswijdte 2,0 mm, andere op aanvraag, dichtingen EPDM of FPM.  
Schoonmaken/vervangen filter van bovenuit.

A brides fixes suivants DIN EN 1092-1, DIN2501 PN10.  
Trame du filtre ETFE 2,0mm, autres sur demande, joints d'étanchéité en EPDM ou FPM.  
Nettoyage /remplacement du filtre par au-dessus.

Fixed flanges acc to DIN EN1092-1, DIN2501 PN10.  
ETFE filter, standard mesh 2,0mm, others on request, seals in EPDM or FPM.  
Filter cleaning/exchange from above.



| d   | DN  | PN | H    | H1  | L   | LK  | D   | n x d2                | Kv<br>l/min<br>$\Delta p=1\text{bar}$ | G/ST/PC | €/ST/PC<br>EPDM | €/ST/PC<br>FPM |
|-----|-----|----|------|-----|-----|-----|-----|-----------------------|---------------------------------------|---------|-----------------|----------------|
| 63  | 50  | 6  | 320  | 150 | 230 | 125 | 165 | 4 x $\varnothing 18$  | 350                                   | 3500    | 1763            | 1794           |
| 75  | 65  | 6  | 450  | 250 | 255 | 145 | 185 | 4 x $\varnothing 18$  | 500                                   | 5000    | 1833            | 1863           |
| 90  | 80  | 6  | 480  | 270 | 270 | 160 | 200 | 8 x $\varnothing 18$  | 1000                                  | 6500    | 2004            | 2034           |
| 110 | 100 | 6  | 573  | 285 | 350 | 180 | 220 | 8 x $\varnothing 18$  | 1600                                  | 8000    | 2447            | 2498           |
| 140 | 125 | 6  | 620  | 365 | 400 | 210 | 250 | 8 x $\varnothing 22$  | 3000                                  | 13000   | 3112            | 3172           |
| 160 | 150 | 4  | 690  | 410 | 450 | 240 | 285 | 8 x $\varnothing 22$  | 4500                                  | 17000   | 3755            | 3836           |
| 225 | 200 | 4  | 875  | 555 | 520 | 295 | 340 | 8 x $\varnothing 22$  | 10000                                 | 24000   | 6356            | 6448           |
| 280 | 250 | 4  | 920  | 570 | 630 | 350 | 395 | 12 x $\varnothing 22$ | -                                     | 30000   | 8151            | 8265           |
| 315 | 300 |    | 1125 | 730 | 810 | 400 | 445 | 12 x $\varnothing 22$ | -                                     | -       | -               | -              |

**Op aanvraag :**

- Diameters tot DN300
- Versterkte versie met glasvezel versterking
- Manometeraansluiting op de filteruitgang
- Aftapkraan
- Snelsluitsysteem

**Sur demande:**

- Diamètres jusqu'à DN300
- Version avec renforcement en fibres de verre
- Perçage pour manomètre
- Vanne de purge
- Tendeurs rapides

**On request:**

- Sizes up to DN300
- Fiberglass reinforced version
- Pressure gauge port
- Drainvalve
- Quick release clamps



27 / DN 15-50

MONOBLOK KOGELKRANEN  
ROBINET A TOURNANT SPHERIQUE - MONOBLOC  
MONOBLOC - BALL VALVES

Kogelkranen voor chemische toepassingen. Uniek monoblok design zorgt voor verhoogde zekerheid tegen lekkage. Kogelzittingen en spindelpakking in PTFE. Geflensde uitvoering, manuele bediening met vergrendelbare kunststof hendel.

Robinets à tournant sphérique pour des applications chimiques. En monobloc unique offre une sécurité accrue contre les fuites. Sièges de boule et le joint de tige en PTFE. Exécution à bride, commande manuelle à levier cadenassable en matière synthétique.

Ball valves for chemical applications. Unique monoblock design provides increased security against leakage. Ball seats and spindle gasket in PTFE. Flanged execution, manual control with lockable lever in plastic.



27A / DN 65-100

**Opties / Option :**

- Pneumatische en elektrische aandrijvingen (+ toebehoren)
- spindelverlengingen voor isolatie
- ATEX uitvoering
- diameters tot DN 150
- dodemanshendel
- terugmeldingen (open-dicht)

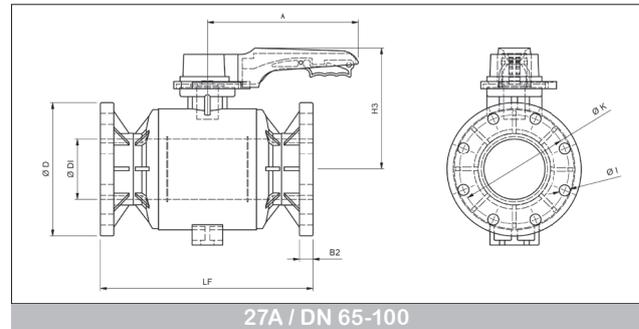
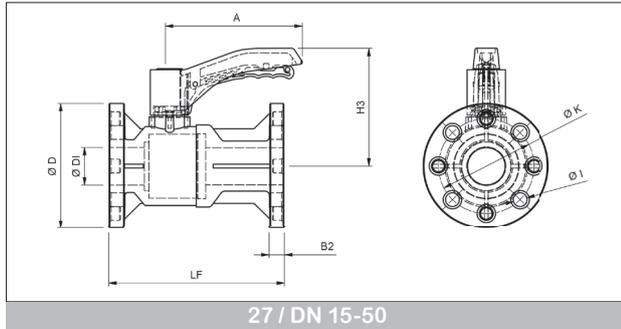
- Actionneurs pneumatiques et électriques (+ accessoires)
- rehausse pour calorifugeage
- exécution ATEX
- diamètres jusqu'à DN 150
- levier homme mort
- contacts fin de course (ouvert-fermé)

- Pneumatic and electric actuators
- spindle extensions for insulation
- ATEX execution
- diameters up to DN 150
- spring return handle
- limit switches (open-close)



MONOBLOK KOEGELKRANEN  
ROBINET A TOURNANT SPHERIQUE - MONOBLOC  
MONOBLOC - BALL VALVES

Vervolg / suite



| DN  | d   | G      | PN | Kv<br>m³/h | Torque<br>Nm | D   | H3  | A   | LF  | B2   | n x l  | K   | Bouten<br>Boulon<br>Bolts | Torque*<br>Nm |
|-----|-----|--------|----|------------|--------------|-----|-----|-----|-----|------|--------|-----|---------------------------|---------------|
| 15  | 20  | 1/2"   | 10 | 11,1       | 6            | 95  | 115 | 140 | 130 | 13.0 | 4 x 14 | 65  | 4xM12                     | 7,5           |
| 20  | 25  | 3/4"   | 10 | 21.0       | 6            | 105 | 115 | 140 | 150 | 14.0 | 4 x 14 | 75  | 4xM12                     | 9.0           |
| 25  | 32  | 1"     | 10 | 42.0       | 8            | 117 | 125 | 140 | 160 | 15.0 | 4 x 14 | 85  | 4xM12                     | 10.0          |
| 32  | 40  | 1 1/4" | 10 | 60.0       | 12           | 140 | 145 | 175 | 180 | 17.0 | 4 x 18 | 100 | 4xM16                     | 20.0          |
| 40  | 50  | 1 1/2" | 10 | 96.0       | 12           | 150 | 145 | 175 | 200 | 17,5 | 4 x 18 | 110 | 4xM16                     | 20.0          |
| 50  | 63  | 2"     | 10 | 186.0      | 19           | 165 | 155 | 175 | 230 | 18.0 | 4 x 18 | 125 | 4xM16                     | 25.0          |
| 65  | 75  | 2 1/2" | 10 | 300.0      | 18           | 185 | 205 | 250 | 290 | 20.0 | 4 x 18 | 145 | 4xM16                     | 25.0          |
| 80  | 90  | 3"     | 10 | 420.0      | 18           | 200 | 205 | 250 | 310 | 20.0 | 8 x 18 | 160 | 8xM16                     | 30.0          |
| 100 | 110 | 4"     | 10 | 840.0      | 40           | 225 | 215 | 250 | 350 | 21.0 | 8 x 18 | 180 | 8xM16                     | 30.0          |

Torque = draaimoment / couple de manoeuvre / torque operation

Torque\* = aandraaimoment flensbouten / couple de serrage boulons / tightening torque flange bolts

| DN  | PP-GFK<br>€/ST/PC |        |        |
|-----|-------------------|--------|--------|
|     | EPDM              | FKM    | FEP    |
| 15  | 99.94             | 112.51 | 161.68 |
| 20  | 105.26            | 118.15 | 197.94 |
| 25  | 145.04            | 159.55 | 217.04 |
| 32  | 182.20            | 196.16 | 279.83 |
| 40  | 215.81            | 238.26 | 302.83 |
| 50  | 236.32            | 261.80 | 393.75 |
| 65  | 497.41            | 540.39 | 673.05 |
| 80  | 587.09            | 644.05 | 791.22 |
| 100 | 745.94            | 804.66 | 958.02 |