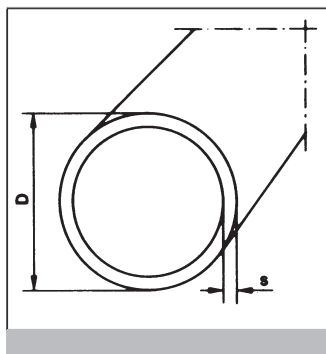




buizen  
tuyaux  
pipes

PVDF-SOLEF®



DRUKBUIS  
TUYAU DE PRESSION  
PRESSURE PIPE

L = 5 m

Spanningsvrije buizen / Exempt de tensions internes / Free from internal strain

| D   | SDR 33 / ISO S-16 |       |          | SDR 21 / ISO S-10 |       |          | SDR 13.6 / ISO S-6,3 |       |       |
|-----|-------------------|-------|----------|-------------------|-------|----------|----------------------|-------|-------|
|     | s                 | KG/M  | €/M      | s                 | KG/M  | €/M      | s                    | KG/M  | €/M   |
| 16  |                   |       |          |                   |       |          | 1.9                  | 0.163 | 19.61 |
| 20  |                   |       |          | 1.9               | 0.21  | 25.20    |                      |       |       |
| 25  |                   |       |          | 1.9               | 0.27  | 32.45    |                      |       |       |
| 32  |                   |       |          | 2.4               | 0.44  | 52.89    |                      |       |       |
| 40  |                   |       |          | 2.4               | 0.55  | 66.30    |                      |       |       |
| 50  |                   |       |          | 3.0               | 0.85  | 102.41   |                      |       |       |
| 63  | 2.0               | 0.75  | 90.09    | 3.0               | 1.09  | 131.25   |                      |       |       |
| 75  | 2.3               | 1.11  | 133.55   | 3.6               | 1.55  | 186.66   |                      |       |       |
| 90  | 2.8               | 1.48  | 178.06   | 4.3               | 2.22  | 267.31   |                      |       |       |
| 110 | 3.4               | 2.20  | 264.79   | 5.3               | 3.32  | 399.65   |                      |       |       |
| 125 | 3.9               | 2.84  | 341.81   | 6.0               | 4.24  | 510.25   |                      |       |       |
| 140 | 4.3               | 3.52  | 423.70   | 6.7               | 5.31  | 638.98   |                      |       |       |
| 160 | 4.9               | 4.54  | 546.46   | 7.7               | 6.96  | 837.65   |                      |       |       |
| 180 | 5.5               | 5.74  | 690.87   | 8.6               | 8.74  | 1,051.73 |                      |       |       |
| 200 | 6.2               | 7.19  | 865.55   | 9.6               | 10.70 | 1,292.65 |                      |       |       |
| 225 | 6.9               | 8.95  | 1,077.29 | 10.8              | 13.70 | 1,645.13 |                      |       |       |
| 250 | 7.7               | 11.10 | 1,334.81 | 11.9              | 16.73 | 2,013.53 |                      |       |       |
| 280 | 8.6               | 13.90 | 1,668.25 | 13.4              | 21.10 | 2,568.12 |                      |       |       |
| 315 | 9.7               | 17.60 | 2,112.26 |                   |       |          |                      |       |       |
| 355 | 10.8              | 22.00 | 2,647.74 |                   |       |          |                      |       |       |
| 400 | 12.2              | 28.03 | 3,373.29 |                   |       |          |                      |       |       |

Eveneens leverbaar : PURAD Ultra High Purity - klasse 100, ISO-5 : Buizen en fittingen prijzen + 7%, kranen op aanvraag.

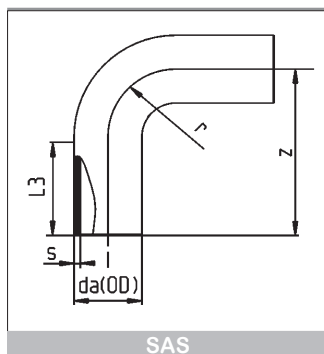
Egalement livrable : PURAD Ultra High Purity - classe 100, ISO-5: Tuyaux et raccords prix + 7%, vannes sur demande.

Also available : PURAD Ultra High Purity - class 100, ISO-5 : Pipes and fittings prices + 7%, valves on request.



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

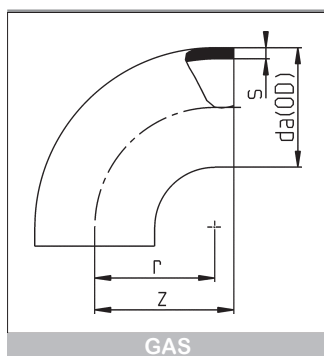
PVDF-SOLEF®



MULTI-BOCHTEN 90°, VERLENGD  
MULTI-COUDES 90°, ALLONGES  
MULTI-ELBOWS 90°, ELONGATED

Type geschikt voor stomplas / IR + HPF lassen.  
Type fait pour soudage bout à bout / IR + HPF.  
Type suitable for butt welding / IR + HPF fusion.

| D   | L3 | z   | r   | SDR 33 / ISO S-16 |          |         | SDR 21 / ISO S-10 |          |         |
|-----|----|-----|-----|-------------------|----------|---------|-------------------|----------|---------|
|     |    |     |     | s                 | KG/ST/PC | €/ST/PC | s                 | KG/ST/PC | €/ST/PC |
| 20  | 32 | 51  | 20  |                   |          |         | 1.9               | 0.030    | 9.07    |
| 25  | 33 | 56  | 25  |                   |          |         | 1.9               | 0.040    | 12.25   |
| 32  | 33 | 63  | 32  |                   |          |         | 2.4               | 0.060    | 24.03   |
| 40  | 36 | 72  | 40  |                   |          |         | 2.4               | 0.080    | 37.75   |
| 50  | 36 | 84  | 50  |                   |          |         | 3.0               | 0.140    | 57.17   |
| 63  | 38 | 97  | 63  |                   |          |         | 3.0               | 0.210    | 96.29   |
| 75  | 28 | 100 | 75  |                   |          |         | 3.6               | 0.320    | 163.89  |
| 90  | 34 | 123 | 90  | 2.8               | 0.383    | 222.50  | 4.3               | 0.530    | 273.04  |
| 110 | 34 | 142 | 110 | 3.4               | 0.662    | 299.86  | 5.3               | 0.930    | 409.49  |
| 140 | 73 | 216 | 140 | 4.3               | 1.390    | 575.51  | 5.7               | 1.847    | 870.28  |
| 160 | 73 | 236 | 160 | 4.9               | 1.915    | 853.97  | 7.7               | 2.632    | 1299.06 |
| 225 | 73 | 301 | 225 | 6.9               | 5.000    | 2223.37 | 10.8              | 6.512    | 3376.32 |



BOCHTEN 90°  
COUDES 90°  
ELBOWS 90°

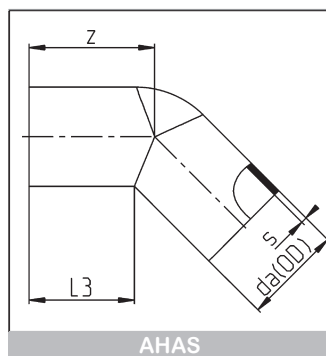
Gespoten.  
Injectés.  
Moulded.

| da  | r   | z   | SDR 33 / ISO S-16 |          |         | SDR 21 / ISO S-10 |          |         |
|-----|-----|-----|-------------------|----------|---------|-------------------|----------|---------|
|     |     |     | s                 | KG/ST/PC | €/ST/PC | s                 | KG/ST/PC | €/ST/PC |
| 125 | 125 | 135 | 3.9               | 0.647    | 435.26  | 6.0               | 0.944    | 591.44  |
| 180 | 175 | 200 | 5.5               | 2.000    | 675.47  | 8.6               | 2.870    | 918.71  |
| 200 | 196 | 217 | 6.2               | 2.756    | 797.50  | 9.6               | 3.775    | 1084.58 |
| 250 | 250 | 287 | 7.7               | 5.460    | 1586.19 | 11.9              | 8.210    | 2467.24 |
| 280 | 280 | 288 | 8.6               | 6.965    | 1763.61 | 13.4              | 10.290   | 2630.88 |
| 315 | 300 | 338 | 9.7               | 10.100   | 2273.40 |                   |          |         |



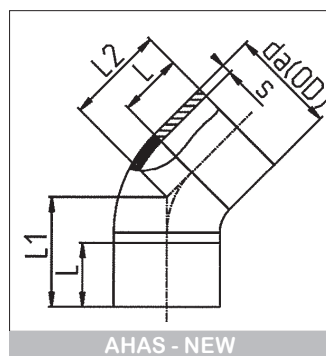
stompasfittings - IR  
raccords pour le soudage bout à bout - IR  
fittings for butt welding - IR

PVDF-SOLEF®



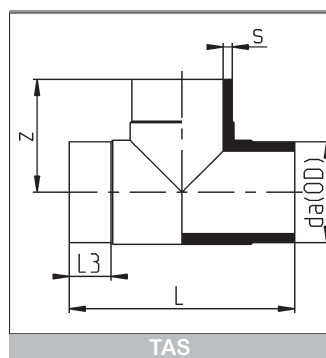
BOCHTEN 45°, VERLENGD / GESPOTEN  
COUDES 45°, ALLONGES / INJECTES  
ELBOWS 45°, ELONGATED / MOULDED

| D   | L3 | Z   | SDR 33 / ISO S-16 |          |         | SDR 21 / ISO S-10 |          |         |
|-----|----|-----|-------------------|----------|---------|-------------------|----------|---------|
|     |    |     | s                 | KG/ST/PC | €/ST/PC | s                 | KG/ST/PC | €/ST/PC |
| 20  | 39 | 43  |                   |          |         | 1.9               | 0.020    | 11.46   |
| 25  | 40 | 45  |                   |          |         | 1.9               | 0.027    | 12.62   |
| 32  | 46 | 52  |                   |          |         | 2.4               | 0.051    | 18.62   |
| 40  | 50 | 58  |                   |          |         | 2.4               | 0.069    | 29.59   |
| 50  | 56 | 66  |                   |          |         | 3.0               | 0.125    | 38.91   |
| 63  | 62 | 75  |                   |          |         | 3.0               | 0.177    | 61.73   |
| 75  | 32 | 50  |                   |          |         | 3.6               | 0.151    | 122.74  |
| 90  | 36 | 59  | 2.8               | 0.173    | 189.76  | 4.3               | 0.245    | 221.63  |
| 110 | 45 | 68  | 3.4               | 0.308    | 246.61  | 5.3               | 0.461    | 319.00  |
| 140 | 57 | 85  | 4.3               | 0.628    | 567.50  | 6.7               | 0.890    | 664.19  |
| 160 | 65 | 103 | 4.9               | 0.913    | 639.07  | 7.7               | 1.370    | 745.19  |



| D   | L2  | L   | L1  | SDR 33 / ISO S-16 |          |         | SDR 21 / ISO S-10 |          |         |
|-----|-----|-----|-----|-------------------|----------|---------|-------------------|----------|---------|
|     |     |     |     | s                 | KG/ST/PC | €/ST/PC | s                 | KG/ST/PC | €/ST/PC |
| 125 | 152 | 100 | 162 | 3.9               | 0.893    | 667.14  | 6.0               | 1.32     | 897.12  |
| 180 | 172 | 100 | 197 | 5.5               | 2.150    | 1015.44 | 8.6               | 3.18     | 1389.92 |
| 200 | 181 | 100 | 202 | 6.2               | 2.820    | 1170.70 | 9.6               | 4.05     | 1664.17 |
| 225 | 193 | 100 | 211 | 6.9               | 3.630    | 1782.09 | 10.8              | 5.36     | 2574.01 |
| 250 | 204 | 100 | 241 | 7.7               | 4.940    | 1935.91 | 11.9              | 7.25     | 3028.97 |
| 280 | 216 | 100 | 224 | 8.6               | 6.310    | 2122.00 | 13.4              | 9.37     | 3299.26 |
| 315 | 224 | 100 | 262 | 9.7               | 8.475    | 2712.31 | -                 | -        | -       |

L = 100 mm gelast / soudé / welded



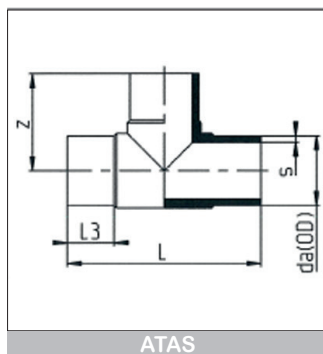
T-STUKKEN 90°, GESPOTEN  
TES A 90°, INJECTES  
TEES 90°, MOULDED

| D   | L   | z   | L3   | SDR 33 / ISO S-16 |          |         | SDR 21 / ISO S-10 |          |         |
|-----|-----|-----|------|-------------------|----------|---------|-------------------|----------|---------|
|     |     |     |      | s                 | KG/ST/PC | €/ST/PC | s                 | KG/ST/PC | €/ST/PC |
| 20  | 75  | 38  | 25.0 |                   |          |         | 1.9               | 0.023    | 13.02   |
| 25  | 84  | 42  | 25.0 |                   |          |         | 1.9               | 0.032    | 16.44   |
| 32  | 90  | 46  | 25.0 |                   |          |         | 2.4               | 0.060    | 23.73   |
| 40  | 116 | 58  | 31.0 |                   |          |         | 2.4               | 0.080    | 37.85   |
| 50  | 126 | 64  | 31.0 |                   |          |         | 3.0               | 0.154    | 41.64   |
| 63  | 140 | 70  | 31.0 |                   |          |         | 3.0               | 0.230    | 88.87   |
| 75  | 178 | 89  | 42.0 |                   |          |         | 3.6               | 0.379    | 169.70  |
| 90  | 185 | 92  | 33.5 | 2.8               | 0.468    | 247.42  | 4.3               | 0.618    | 291.48  |
| 110 | 221 | 110 | 33.5 | 3.4               | 0.868    | 276.57  | 5.3               | 1.150    | 361.40  |
| 125 | 279 | 139 | 52.0 | 3.9               | 1.210    | 460.08  | 6.0               | 1.650    | 625.34  |
| 140 | 308 | 154 | 60.0 | 4.3               | 1.715    | 507.14  | 6.7               | 2.276    | 695.07  |
| 160 | 279 | 140 | 45.0 | 4.9               | 1.920    | 614.30  | 7.7               | 2.640    | 798.36  |
| 180 | 400 | 200 | 80.0 | 5.5               | 3.280    | 712.62  | 8.6               | 4.680    | 967.20  |
| 200 | 446 | 223 | 89.0 | 6.2               | 5.530    | 1054.87 | 9.6               | 7.085    | 1434.07 |
| 225 | 496 | 246 | 99.0 | 6.9               | 6.720    | 1351.25 | 10.8              | 9.300    | 1847.63 |
| 250 | 500 | 250 | 80.0 | 7.7               | 8.235    | 1682.26 | 11.9              | 11.400   | 2754.79 |
| 280 | 495 | 248 | 70.0 | 8.6               | 9.900    | 1917.61 | 13.4              | 13.890   | 3506.08 |
| 315 | 496 | 247 | 57.0 | 9.7               | 12.060   | 2736.02 |                   |          |         |



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

PVDF-SOLEF®



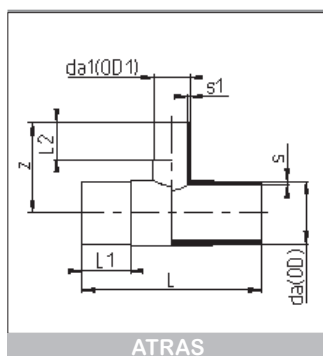
ATAS

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

SDR 21 / ISO S-10

| da | s   | z  | L   | L3 | KG/ST/PC | €/ST/PC |
|----|-----|----|-----|----|----------|---------|
| 20 | 1.9 | 55 | 109 | 36 | 0.042    | 30.47   |
| 25 | 1.9 | 59 | 117 | 40 | 0.059    | 35.24   |
| 32 | 2.4 | 72 | 143 | 45 | 0.113    | 42.26   |

\* PURAD



ATRAS

T-REDUCTIE STUKKEN - VERLENGD  
TES REDUCES - ALLONGES  
REDUCED TEES - ALLONGATED

Gespoten.  
Injectés.  
Moulded.

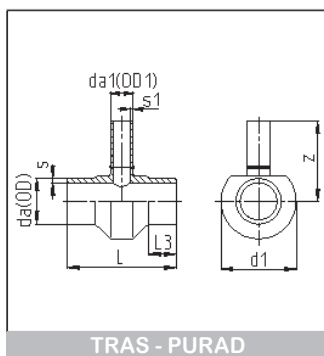
| da  | da1 | z     | L   | SDR 33 / ISO S-16 |     |       |        | SDR 21 / ISO S-10 |     |       |         | SDR 33/21 / ISO S-16/10* |     |       |         |
|-----|-----|-------|-----|-------------------|-----|-------|--------|-------------------|-----|-------|---------|--------------------------|-----|-------|---------|
|     |     |       |     | s                 | s1  | KG    | €      | s                 | s1  | KG    | €       | s                        | s1  | KG    | €       |
|     |     |       |     |                   |     | ST/PC | ST/PC  |                   |     | ST/PC | ST/PC   |                          |     | ST/PC | ST/PC   |
| 63  | 20  | 70.5  | 97  |                   |     |       |        | 3.0               | 1.9 | 0.125 | 170.15  |                          |     |       |         |
| 63  | 25  | 70.5  | 102 |                   |     |       |        | 3.0               | 1.9 | 0.133 | 170.15  |                          |     |       |         |
| 63  | 32  | 70.5  | 109 |                   |     |       |        | 3.0               | 2.4 | 0.147 | 170.15  |                          |     |       |         |
| 63  | 40  | 70.5  | 117 |                   |     |       |        | 3.0               | 2.4 | 0.200 | 170.15  |                          |     |       |         |
| 63  | 50  | 70.5  | 127 |                   |     |       |        | 3.0               | 3.0 | 0.199 | 170.15  |                          |     |       |         |
| 90  | 20  | 95.0  | 230 |                   |     |       |        | 4.3               | 1.9 | 0.663 | 288.91  |                          |     |       |         |
| 90  | 25  | 95.0  | 230 |                   |     |       |        | 4.3               | 1.9 | 0.645 | 288.91  |                          |     |       |         |
| 90  | 32  | 95.0  | 230 |                   |     |       |        | 4.3               | 2.4 | 0.686 | 298.92  |                          |     |       |         |
| 90  | 40  | 95.0  | 230 |                   |     |       |        | 4.3               | 2.4 | 0.674 | 298.92  |                          |     |       |         |
| 90  | 50  | 95.0  | 230 |                   |     |       |        | 4.3               | 3.0 | 0.713 | 298.92  |                          |     |       |         |
| 90  | 63  | 95.0  | 230 |                   |     |       |        | 4.3               | 3.0 | 0.685 | 298.92  | 2.8                      | 3.0 | 0.582 | 281.81  |
| 110 | 20  | 105.0 | 230 |                   |     |       |        | 5.3               | 1.9 | 0.978 | 419.68  |                          |     |       |         |
| 110 | 25  | 105.0 | 230 |                   |     |       |        | 5.3               | 1.9 | 0.983 | 419.68  |                          |     |       |         |
| 110 | 32  | 105.0 | 230 |                   |     |       |        | 5.3               | 2.4 | 0.997 | 419.68  |                          |     |       |         |
| 110 | 40  | 105.0 | 230 |                   |     |       |        | 5.3               | 2.4 | 0.986 | 419.68  |                          |     |       |         |
| 110 | 50  | 105.0 | 230 |                   |     |       |        | 5.3               | 3.0 | 0.932 | 419.68  |                          |     |       |         |
| 110 | 63  | 105.0 | 230 |                   |     |       |        | 5.3               | 3.0 | 0.986 | 450.41  | 3.4                      | 3.0 | 0.943 | 436.91  |
| 110 | 90  | 150.0 | 313 | 3.4               | 2.8 | 1.005 | 436.90 | 5.3               | 4.3 | 1.370 | 450.41  |                          |     |       |         |
| 160 | 63  | 175.0 | 345 |                   |     |       |        | 7.7               | 3.0 | 2.837 | 840.77  | 4.9                      | 3.0 | 2.055 | 795.28  |
| 160 | 90  | 183.0 | 348 | 4.9               | 2.8 | 2.400 | 807.15 | 7.7               | 4.3 | 3.250 | 975.86  | 4.9                      | 4.3 | 2.520 | 837.19  |
| 160 | 110 | 183.0 | 349 | 4.9               | 3.4 | 2.700 | 843.21 | 7.7               | 5.3 | 3.490 | 1009.81 | 4.9                      | 5.3 | 2.830 | 878.26  |
| 225 | 90  | 175.0 | 353 |                   |     |       |        |                   |     |       |         | 6.9                      | 4.3 | 4.401 | 1257.19 |
| 225 | 110 | 170.0 | 350 |                   |     |       |        | 10.8              | 5.3 | 5.697 | 1587.01 | 6.9                      | 5.3 | 4.200 | 1257.19 |

\* Bij deze uitvoering is de aftakking SDR 21 en de hoofdleiding SDR 33 / Ici le branche est SDR 21 et la conduite principale est SDR 33 / In this version the branch is SDR 21 and the main line is SDR 33.



stompasfittings - IR  
raccords pour le soudage bout à bout - IR  
fittings for butt welding - IR

PVDF-SOLEF®



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

SDR 21 / ISO S-10

| da  | da1 | s    | z     | L3   | s1  | d1  | L   | KG/ST/PC | €/ST/PC |
|-----|-----|------|-------|------|-----|-----|-----|----------|---------|
| 63  | 20  | 3    | 137.0 | 23,5 | 1,9 | 84  | 120 | 0.372    | 731.77  |
| 63  | 25  | 3    | 137.0 | 23,5 | 1,9 | 84  | 120 | 0.400    | 731.77  |
| 75  | 20  | 3,6  | 145,5 | 25.0 | 1,9 | 105 | 120 | 0.590    | 947.42  |
| 75  | 25  | 3,6  | 145,5 | 25.0 | 1,9 | 105 | 120 | 0.590    | 947.42  |
| 75  | 32  | 3,6  | 149,5 | 35.0 | 2,4 | 85  | 140 | 0.380    | 947.42  |
| 90  | 75  | 4,3  | 155.0 | 57,5 | 3,6 | 130 | 230 | 1.605    | 1188.16 |
| 110 | 75  | 5,3  | 163.0 | 57,5 | 3,6 | 150 | 230 | 2.115    | 1447.60 |
| 140 | 20  | 6,7  | 176,5 | 31,5 | 1,9 | 157 | 158 | 1.400    | 1846.32 |
| 140 | 25  | 6,7  | 176,5 | 31,5 | 1,9 | 157 | 158 | 1.200    | 1846.32 |
| 140 | 32  | 6,7  | 176,5 | 31,5 | 2,4 | 157 | 158 | 1.440    | 1846.32 |
| 140 | 40  | 6,7  | 182.0 | 50.0 | 2,4 | 150 | 210 | 1.610    | 1846.32 |
| 140 | 50  | 6,7  | 182.0 | 50.0 | 3.0 | 150 | 210 | 1.640    | 1846.32 |
| 140 | 63  | 6,7  | 182.0 | 50.0 | 3.0 | 150 | 210 | 1.610    | 1846.32 |
| 140 | 90  | 6,7  | 178.0 | 35.0 | 4,3 | 178 | 180 | 2.990    | 1846.32 |
| 140 | 110 | 6,7  | 182.0 | 42.0 | 5,3 | 178 | 230 | 3.014    | 1846.32 |
| 160 | 20  | 7,7  | 187,5 | 31.0 | 1,9 | 178 | 158 | 1.730    | 2709.56 |
| 160 | 25  | 7,7  | 187,5 | 31.0 | 1,9 | 178 | 158 | 1.224    | 2709.56 |
| 160 | 32  | 7,7  | 187,5 | 26.0 | 2,4 | 178 | 158 | 1.770    | 2709.56 |
| 160 | 40  | 7,7  | 192.0 | 50.0 | 2,4 | 170 | 210 | 2.020    | 2709.56 |
| 160 | 50  | 7,7  | 192.0 | 50.0 | 3.0 | 170 | 210 | 2.010    | 2709.56 |
| 160 | 63  | 7,7  | 192.0 | 50.0 | 3.0 | 170 | 210 | 2.010    | 2709.56 |
| 160 | 75  | 7,7  | 190.0 | 42.0 | 3,6 | 200 | 210 | 3.450    | 2709.56 |
| 225 | 20  | 10,8 | 220.0 | 30.0 | 1,9 | 250 | 130 | 2.310    | 8003.46 |
| 225 | 40  | 10,8 | 220.0 | 30.0 | 2,4 | 246 | 130 | 3.110    | 8003.46 |
| 225 | 63  | 10,8 | 220.0 | 40.0 | 3.0 | 260 | 165 | 3.600    | 8003.46 |
| 225 | 75  | 10,8 | 222.0 | 60.0 | 3,6 | 260 | 230 | 5.240    | 8003.46 |
| 225 | 90  | 10,8 | 220.0 | 50.0 | 4,3 | 265 | 230 | 6.020    | 8003.46 |
| 225 | 110 | 10,8 | 220.0 | 52.0 | 5,3 | 278 | 280 | 6.470    | 8003.46 |
| 225 | 140 | 10,8 | 227,5 | 50.0 | 6,7 | 265 | 280 | 7.505    | 8003.46 |
| 225 | 160 | 10,8 | 227,5 | 39.0 | 7,7 | 275 | 280 | 8.598    | 8003.46 |

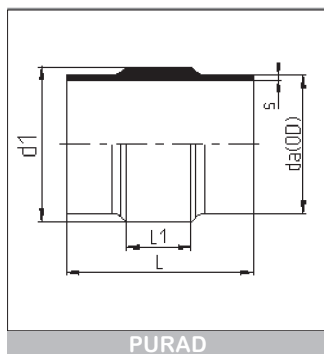
SDR 33/21 - MOP 10 bar

| da  | da1 | s   | z     | L3   | s1  | d1  | L   | KG/ST/PC | €/ST/PC |
|-----|-----|-----|-------|------|-----|-----|-----|----------|---------|
| 90  | 20  | 2,8 | 150,5 | 37.0 | 1,9 | 105 | 149 | 0.521    | 1188.16 |
| 90  | 25  | 2,8 | 150,5 | 37.0 | 1,9 | 105 | 149 | 0.360    | 1188.16 |
| 90  | 32  | 2,8 | 149,5 | 37.0 | 2,4 | 105 | 149 | 0.374    | 1188.16 |
| 110 | 20  | 3,4 | 160,5 | 38.0 | 1,9 | 124 | 150 | 0.615    | 1447.60 |
| 110 | 25  | 3,4 | 160,5 | 38.0 | 1,9 | 124 | 150 | 0.532    | 1447.60 |
| 110 | 32  | 3,4 | 159,5 | 38.0 | 2,4 | 124 | 150 | 0.678    | 1447.60 |
| 140 | 20  | 4,3 | 176,5 | 31,5 | 1,9 | 157 | 158 | 1.100    | 1846.32 |
| 140 | 25  | 4,3 | 176,5 | 31,5 | 1,9 | 157 | 158 | 0.850    | 1846.32 |
| 140 | 32  | 4,3 | 176,5 | 31,5 | 2,4 | 157 | 158 | 0.860    | 1846.32 |
| 140 | 63  | 4,3 | 182.0 | 50.0 | 3.0 | 150 | 210 | 1.594    | 1846.32 |
| 160 | 20  | 4,9 | 187,5 | 31.0 | 1,9 | 178 | 158 | 1.450    | 2709.56 |
| 160 | 25  | 4,9 | 187,5 | 31.0 | 1,9 | 178 | 158 | 1.490    | 2709.56 |
| 160 | 32  | 4,9 | 187,5 | 31.0 | 2,4 | 178 | 158 | 1.485    | 2709.56 |
| 225 | 140 | 6,9 | 226.0 | 40.0 | 4,3 | 295 | 270 | 9.100    | 8003.46 |
| 225 | 160 | 4,9 | 227,5 | 39.0 | 4,9 | 275 | 280 | 9.795    | 8003.46 |



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

PVDF-SOLEF®

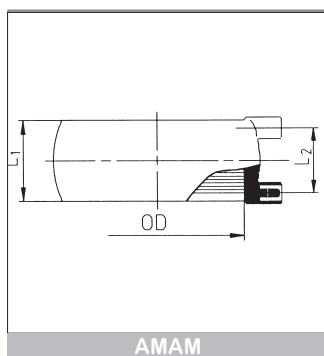


PURAD

INSTRUMENT FITTINGEN  
RACCORD INSTRUMENT  
INSTRUMENTATION FITTING

| da   | L   | L1 | d1  | SDR 21 / ISO S-10 |          |                | SDR 33 / ISO S-16 |          |                |
|------|-----|----|-----|-------------------|----------|----------------|-------------------|----------|----------------|
|      |     |    |     | s                 | KG/ST/PC | €/ST/PC        | s                 | KG/ST/PC | €/ST/PC        |
| *20  | 120 | 50 | 50  | 1.9               | 0.193    | <b>106.18</b>  |                   |          |                |
| *25  | 120 | 50 | 55  | 1.9               | 0.262    | <b>119.10</b>  |                   |          |                |
| *32  | 120 | 50 | 60  | 2.4               | 0.273    | <b>145.46</b>  |                   |          |                |
| *40  | 120 | 50 | 75  | 2.4               | 0.416    | <b>180.86</b>  |                   |          |                |
| *50  | 120 | 50 | 80  | 3.0               | 0.451    | <b>227.20</b>  |                   |          |                |
| 63   | 120 | 52 | 84  | 3.0               | 0.410    | <b>248.22</b>  |                   |          |                |
| *75  | 120 | 50 | 105 | 3.6               | 0.633    | <b>800.23</b>  |                   |          |                |
| 90   | 149 | 60 | 105 | 4.3               | 0.719    | <b>334.75</b>  | 2.8               | 0.55     | <b>321.66</b>  |
| 110  | 150 | 60 | 124 | 5.3               | 0.811    | <b>419.73</b>  | 3.4               | 0.69     | <b>404.75</b>  |
| 125  | 160 | 80 | 143 | 6.0               | 1.240    | <b>639.80</b>  | 3.9               | 1.02     | <b>591.90</b>  |
| 140  | 158 | 78 | 157 | 6.7               | 1.470    | <b>736.18</b>  | 4.3               | 1.25     | <b>712.50</b>  |
| 160  | 158 | 78 | 178 | 7.7               | 1.820    | <b>895.05</b>  | 4.9               | 1.51     | <b>859.33</b>  |
| *200 | 120 | 50 | 224 | 9.6               | 3.480    | <b>1510.32</b> | 6.2               | 2.78     | <b>1510.32</b> |
| *225 | 130 | 50 | 246 | 10.8              | 2.569    | <b>1808.69</b> | 6.9               | 1.93     | <b>1808.69</b> |
| *250 | 140 | 50 | 285 | 11.9              | 3.380    | <b>3245.61</b> | 7.7               | 2.81     | <b>3245.61</b> |
| *280 | 140 | 50 | 298 | 13.4              | 3.420    | <b>3355.43</b> | 8.6               | 2.70     | <b>3355.43</b> |

\* machined



AMAM

ELECTROLASMOFFEN  
MANCHONS ELECTRO-SOUDAGE  
ELECTRO-WELDING SLEEVES

Gespoten / Injectés / Moulded.

SDR 21 / ISO S-101

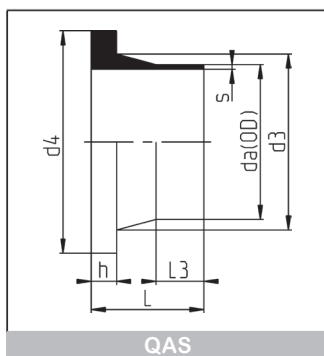
| da | L1   | L2 | KG/ST/PC | €/ST/PC      |
|----|------|----|----------|--------------|
| 20 | 20.0 | 15 | 0.018    | <b>22.49</b> |
| 25 | 20.0 | 15 | 0.019    | <b>23.24</b> |
| 32 | 20.5 | 15 | 0.022    | <b>25.71</b> |
| 40 | 25.0 | 20 | 0.035    | <b>27.99</b> |
| 50 | 30.0 | 24 | 0.048    | <b>29.90</b> |
| 63 | 30.0 | 24 | 0.061    | <b>38.51</b> |

Te lassen met lasapparaat AGRU EF 110B / Pour souder avec souder AGRU EF 110B /  
To weld with welding machine AGRU EF 110B



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

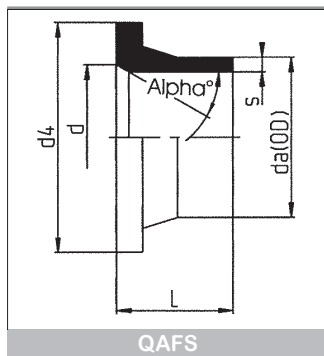
PVDF-SOLEF®



GESPOTEN VOORLASKRAGEN  
COLLETS INJECTES  
MOULDED STUBS

Gespoten. / Injectés. / Moulded.

| da  | d3  | d4  | L   | SDR 33 / ISO S-16 |    |    |       |         | SDR 21 / ISO S-10 |      |      |       |         |
|-----|-----|-----|-----|-------------------|----|----|-------|---------|-------------------|------|------|-------|---------|
|     |     |     |     | s                 | L3 | h  | KG    | €       | s                 | L3   | h    | KG    | €       |
|     |     |     |     |                   |    |    |       |         |                   |      |      |       |         |
| 20  | 27  | 45  | 50  |                   |    |    |       |         | 1.9               | 31.0 | 6.0  | 0.029 | 8.01    |
| 25  | 33  | 58  | 50  |                   |    |    |       |         | 1.9               | 30.0 | 6.5  | 0.044 | 9.32    |
| 32  | 40  | 68  | 50  |                   |    |    |       |         | 2.4               | 26.0 | 7.0  | 0.065 | 12.47   |
| 40  | 50  | 78  | 50  |                   |    |    |       |         | 2.4               | 24.0 | 8.0  | 0.080 | 17.78   |
| 50  | 61  | 88  | 50  |                   |    |    |       |         | 3.0               | 22.0 | 9.0  | 0.126 | 23.92   |
| 63  | 76  | 102 | 50  |                   |    |    |       |         | 3.0               | 19.5 | 10.0 | 0.174 | 34.76   |
| 75  | 89  | 122 | 50  |                   |    |    |       |         | 3.6               | 20.0 | 10.0 | 0.238 | 69.32   |
| 90  | 105 | 138 | 80  | 2.8               | 42 | 11 | 0.355 | 88.32   | 4.3               | 42.0 | 11.0 | 0.406 | 93.73   |
| 110 | 125 | 158 | 80  | 3.4               | 42 | 12 | 0.457 | 124.78  | 5.3               | 40.0 | 12.0 | 0.537 | 130.71  |
| 125 | 132 | 158 | 80  | 3.9               | 33 | 14 | 0.459 | 187.48  | 6.0               | 42.0 | 14.0 | 0.612 | 245.25  |
| 140 | 155 | 188 | 80  | 4.3               | 41 | 15 | 0.663 | 295.63  | 6.7               | 42.0 | 15.0 | 0.810 | 401.94  |
| 160 | 175 | 212 | 80  | 4.9               | 37 | 16 | 0.937 | 384.59  | 7.7               | 36.5 | 16.0 | 1.073 | 519.28  |
| 180 | 183 | 212 | 80  | 5.5               | 57 | 18 | 0.795 | 487.61  | 8.6               | 57.0 | 18.0 | 1.040 | 663.37  |
| 200 | 232 | 268 | 98  | 6.2               | 42 | 18 | 1.870 | 649.55  | 9.6               | 43.0 | 20.0 | 2.260 | 883.18  |
| 225 | 235 | 268 | 100 | 6.9               | 76 | 18 | 1.450 | 692.83  | 10.8              | 76.0 | 20.0 | 1.955 | 942.39  |
| 250 | 285 | 320 | 100 | 7.7               | 40 | 20 | 2.740 | 833.13  | 11.9              | 39.0 | 22.0 | 3.330 | 1255.63 |
| 280 | 288 | 320 | 100 | 8.6               | 50 | 20 | 2.320 | 1027.83 | 13.4              | 72.0 | 25.0 | 3.060 | 1652.88 |
| 315 | 335 | 370 | 102 | 9.7               | 44 | 20 | 3.160 | 1236.92 |                   |      |      |       |         |



VOORLASKRAGEN VOOR VLINDERKLEPPEN  
COLLERETTE CHANFREINÉE POUR ROBINETS D'ARRÊT  
CHAMFERED STUB END

SDR 21 / ISO S-10

| da  | s    | L   | L3   | d   | d3  | d4  | h  | Alpha° | KG/ST/PC | €/ST/PC |
|-----|------|-----|------|-----|-----|-----|----|--------|----------|---------|
| 140 | 6.7  | 80  | 42.0 | 130 | 155 | 188 | 15 | 30     | 0.824    | 403.94  |
| 160 | 7.7  | 81  | 36.5 | 150 | 175 | 212 | 16 | 30     | 1.017    | 519.28  |
| 180 | 8.6  | 80  | 57.0 | 150 | 183 | 212 | 18 | 30     | 1.102    | 663.37  |
| 200 | 9.6  | 98  | 43.0 | 210 | 232 | 268 | 20 | 30     | 2.052    | 883.18  |
| 225 | 10.8 | 100 | 76.0 | 210 | 235 | 268 | 20 | 30     | 1.850    | 942.39  |
| 250 | 11.9 | 100 | 35.0 | 255 | 285 | 320 | 22 | 25     | 3.460    | 1255.63 |
| 280 | 13.4 | 100 | 48.5 | 255 | 288 | 320 | 25 | 25     | 3.130    | 1652.88 |
| 315 | 15.0 | 102 | 41.0 | 308 | 335 | 370 | 25 | 30     | 3.300    | 1998.60 |

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

PP-GFK  
PP-GFK  
PP-GFK

Zie hoofdstuk Flenzen / Voir chapitre Brides / See chapter Flanges

PVDF BLINDFLENZEN  
BRIDES PLEINES EN PVDF  
PVDF BLINDFLANGES

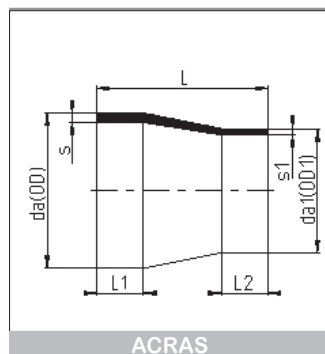
DRUKLOZE TOEPASSINGEN  
APPLICATIONS SANS PRESSION  
NO PRESSURE APPLICATIONS

Volgens DIN-norm. boring PN 10. / Selon norme DIN. forage PN 10. / According to DIN. drilled PN 10.  
Op aanvraag leverbaar / livrable sur demande / available on request



stompasfittings - IR  
raccords pour le soudage bout à bout - IR  
fittings for butt welding - IR

PVDF-SOLEF®



CONCENTRISCHE VERLOOPSTUKKEN, VERLENGD  
REDUCTIONS CONCENTRIQUES, ALLONGES  
CONCENTRIC REDUCERS, ELONGATED

Gespoten.  
Injectés.  
Moulded.

| da/da1  | L   | L1   | L2 | SDR 33 / PN 10 / S-16 |       |      |         | SDR 21 / PN 16 / S-10 |       |      |         |
|---------|-----|------|----|-----------------------|-------|------|---------|-----------------------|-------|------|---------|
|         |     |      |    | s                     | s1    | KG   | €       | s                     | s1    | KG   | €       |
|         |     |      |    | ST/PC                 | ST/PC |      |         | ST/PC                 | ST/PC |      |         |
| 25/20   | 50  | 20.0 | 20 |                       |       |      |         | 1.9                   | 1.9   | 0.01 | 12.53   |
| 32/20   | 50  | 18.5 | 19 |                       |       |      |         | 2.4                   | 1.9   | 0.02 | 16.79   |
| 32/25   | 50  | 20.0 | 20 |                       |       |      |         | 2.4                   | 1.9   | 0.02 | 16.79   |
| 40/20   | 55  | 20.0 | 20 |                       |       |      |         | 2.4                   | 1.9   | 0.02 | 20.98   |
| 40/25   | 55  | 20.0 | 20 |                       |       |      |         | 2.4                   | 1.9   | 0.02 | 20.98   |
| 40/32   | 55  | 20.0 | 20 |                       |       |      |         | 2.4                   | 2.4   | 0.03 | 22.42   |
| 50/20   | 60  | 23.0 | 20 |                       |       |      |         | 3.0                   | 1.9   | 0.04 | 23.53   |
| 50/25   | 60  | 24.0 | 20 |                       |       |      |         | 3.0                   | 1.9   | 0.04 | 24.70   |
| 50/32   | 60  | 25.0 | 20 |                       |       |      |         | 3.0                   | 2.4   | 0.04 | 24.70   |
| 50/40   | 60  | 25.0 | 22 |                       |       |      |         | 3.0                   | 2.4   | 0.05 | 24.70   |
| 63/25   | 75  | 25.0 | 20 |                       |       |      |         | 3.0                   | 1.9   | 0.06 | 35.69   |
| 63/32   | 65  | 25.0 | 18 |                       |       |      |         | 3.0                   | 2.4   | 0.06 | 35.69   |
| 63/40   | 65  | 26.0 | 22 |                       |       |      |         | 3.0                   | 2.4   | 0.06 | 35.69   |
| 63/50   | 65  | 25.0 | 24 |                       |       |      |         | 3.0                   | 3.0   | 0.07 | 35.69   |
| 75/40   | 80  | -    | -  |                       |       |      |         | 3.6                   | 2.4   | 0.10 | 69.64   |
| 75/50   | 80  | 63.0 | 57 |                       |       |      |         | 3.6                   | 3.0   | 0.10 | 69.64   |
| 75/63   | 80  | 65.0 | 60 |                       |       |      |         | 3.6                   | 3.0   | 0.11 | 69.64   |
| 90/50   | 80  | 30.0 | 25 |                       |       |      |         | 4.3                   | 3.0   | 0.14 | 90.06   |
| 90/63   | 80  | 70.0 | 59 |                       |       |      |         | 4.3                   | 3.0   | 0.15 | 90.06   |
| 90/75   | 80  | 75.0 | 62 |                       |       |      |         | 4.3                   | 3.6   | 0.16 | 91.02   |
| 110/63  | 103 | 30.0 | 33 |                       |       |      |         | 5.3                   | 3.0   | 0.24 | 108.85  |
| 110/75  | 95  | 33.0 | 33 |                       |       |      |         | 5.3                   | 3.6   | 0.26 | 110.66  |
| 110/90  | 90  | 30.0 | 35 | 3.4                   | 2.8   | 0.20 | 110.66  | 5.3                   | 4.3   | 0.25 | 110.66  |
| 140/63  | 133 | 38.0 | 27 | -                     | -     | -    | -       | 6.7                   | 3.0   | 0.50 | 180.68  |
| 140/110 | 110 | 42.0 | 40 | 4.3                   | 3.4   | 0.39 | 180.68  | 6.7                   | 5.3   | 0.50 | 180.68  |
| 160/110 | 121 | 95.0 | 89 | 4.9                   | 3.4   | 0.82 | 246.88  | 7.7                   | 5.3   | 1.21 | 283.91  |
| 160/140 | 121 | 95.0 | 96 | 4.9                   | 4.3   | 0.92 | 327.09  | 7.7                   | 6.7   | 1.43 | 376.20  |
| 225/160 | 160 | 32.0 | 35 | 6.9                   | 4.9   | 1.15 | 799.43  | 10.8                  | 7.7   | 1.68 | 799.43  |
| 250/160 | 179 | 36.0 | 36 | 7.7                   | 4.9   | 1.54 | 858.27  | 11.9                  | 7.7   | 2.25 | 858.27  |
| 250/225 | 180 | 43.0 | 28 | 7.7                   | 6.9   | 1.85 | 918.74  | 11.9                  | 10.8  | 2.69 | 1044.65 |
| 315/160 | 180 | 42.0 | 37 | 9.7                   | 4.9   | 2.29 | 1302.06 |                       |       |      |         |
| 315/250 | 180 | 42.0 | 37 | 9.7                   | 7.7   | 2.57 | 1327.80 |                       |       |      |         |

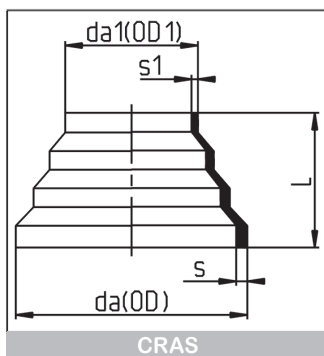
Andere diameters : op aanvraag  
Autres diamètres : sur demande  
Other diameters : on request





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

PVDF-SOLEF®



CONCENTRISCHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

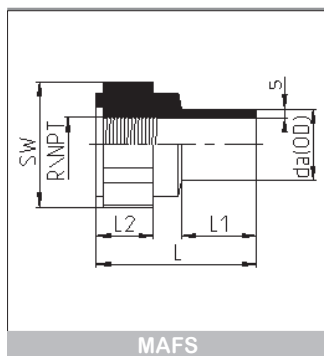
Gespoten.  
Injectés.  
Moulded.

| da x da <sub>1</sub> | L   | L1 | L2 | SDR 33 / ISO S-16 |       |       |               | SDR 21 / ISO S-10 |       |       |              |
|----------------------|-----|----|----|-------------------|-------|-------|---------------|-------------------|-------|-------|--------------|
|                      |     |    |    | S                 | S1    | KG    | €             | S                 | S1    | KG    | €            |
|                      |     |    |    | ST/PC             | ST/PC |       |               | ST/PC             | ST/PC |       |              |
| <b>63 x 16</b>       | 56  | 9  | 5  |                   |       |       |               | 3.0               | 1.9   | 0.039 | <b>31.14</b> |
| <b>110 x 63</b>      | 65  | 11 | 7  | 3.4               | 2.5   | 0.127 | <b>71.42</b>  | 5.3               | 3.0   | 0.147 | <b>92.88</b> |
| <b>160 x 110</b>     | 85  | 14 | 13 | 4.9               | 3.4   | 0.326 | <b>197.63</b> |                   |       |       |              |
| <b>225 x 160</b>     | 97  | 20 | 14 | 6.9               | 4.9   | 0.788 | <b>295.63</b> |                   |       |       |              |
| <b>315 x 225</b>     | 137 | 26 | 19 | 9.7               | 6.9   | 2.024 | <b>540.19</b> |                   |       |       |              |



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

PVDF-SOLEF®



OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten. GFK versterkt.

Vrouwelijke draadaansluiting standaard volgens BS-norm, NPT-draad op aanvraag.  
Alleen geschikt voor kunststof draadverbindingen.

Injectés. Renforcé fibre de verre

Fixation fileté femelle standard selon norme BS, filetage NPT sur demande.  
Uniquement pour des connections matières synthétiques.

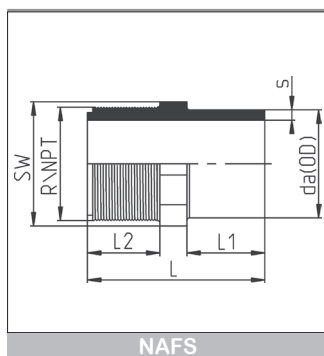
Moulded. Glassfiber reinforced

One end female threaded (standard thread BS, also available with NPT thread).  
Only for plastic threaded connections.

SDR21 / ISO S-10

| da | s   | L  | L1 | L2 | SW | R   | KG/ST/PC | €/ST/PC |
|----|-----|----|----|----|----|-----|----------|---------|
| 20 | 1,9 | 46 | 20 | 16 | 32 | ½"  | 0,026    | 15.15   |
| 25 | 1,9 | 51 | 23 | 18 | 41 | ¾"  | 0,047    | 17.61   |
| 32 | 2,4 | 58 | 29 | 20 | 46 | 1"  | 0,058    | 26.06   |
| 40 | 2,4 | 62 | 30 | 24 | 55 | 1¼" | 0,089    | 30.72   |
| 50 | 3,0 | 68 | 34 | 24 | 70 | 1½" | 0,166    | 47.94   |
| 63 | 3,0 | 75 | 35 | 28 | 85 | 2"  | 0,250    | 66.80   |

NPT op aanvraag / sur demande / on request



OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten.

Mannelijke draadaansluiting standaard volgens BS-norm, NPT-draad op aanvraag.  
Alleen geschikt voor kunststof draadverbindingen.

Injectés.

Fixation fileté male standard selon norme BS, filetage NPT sur demande.  
Uniquement pour des connections matières synthétiques.

Moulded.

One end male threaded (standard thread BS, also available with NPT thread).  
Only for plastic threaded connections.

SDR21 / ISO S-10

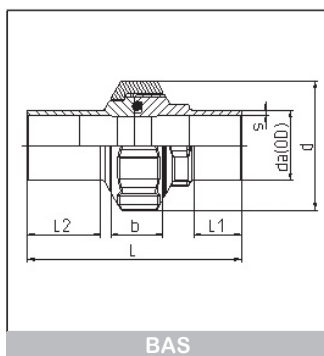
| da | s   | L  | L1 | L2 | SW | R   | KG/ST/PC | €/ST/PC |
|----|-----|----|----|----|----|-----|----------|---------|
| 20 | 1,9 | 46 | 20 | 18 | 22 | ½"  | 0,014    | 13.02   |
| 25 | 1,9 | 51 | 23 | 20 | 27 | ¾"  | 0,020    | 15.15   |
| 32 | 2,4 | 61 | 29 | 23 | 36 | 1"  | 0,041    | 23.12   |
| 40 | 2,4 | 66 | 29 | 27 | 46 | 1¼" | 0,072    | 28.10   |
| 50 | 3,0 | 74 | 33 | 29 | 55 | 1½" | 0,090    | 42.84   |
| 63 | 3,0 | 80 | 35 | 31 | 65 | 2"  | 0,128    | 54.65   |

NPT op aanvraag / sur demande / on request



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

PVDF-SOLEF®

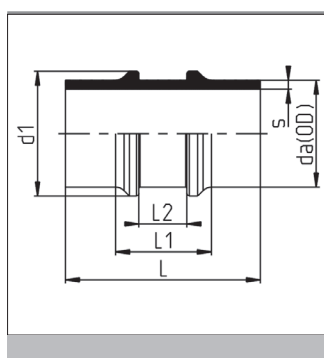
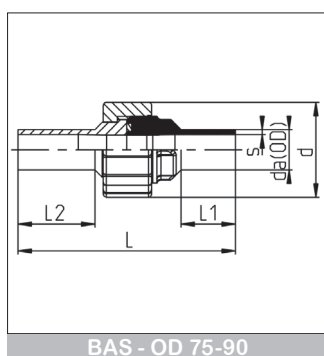


DRIEDELIGE KOPPELINGEN  
RACCORDS UNION  
SOCKET UNIONS

Gespoten. Met dichting in FPM.  
Injectés. Avec fermeture en FPM.  
Moulded. Sealing: O-ring in FPM.

SDR 21 / ISO S-10

| OD   | s   | L   | L1 | L2 | d   | b    | KG/ST/PC | €/ST/PC |
|------|-----|-----|----|----|-----|------|----------|---------|
| 20   | 1.9 | 106 | 27 | 38 | 43  | 23.0 | 0.063    | 52.31   |
| 25   | 1.9 | 112 | 27 | 40 | 53  | 25.0 | 0.101    | 59.02   |
| 32   | 2.4 | 120 | 27 | 44 | 60  | 27.0 | 0.130    | 86.92   |
| 40   | 2.4 | 124 | 27 | 47 | 75  | 30.0 | 0.217    | 123.28  |
| 50   | 3.0 | 132 | 27 | 47 | 82  | 35.0 | 0.297    | 134.81  |
| 63   | 3.0 | 137 | 27 | 47 | 100 | 37.5 | 0.422    | 185.82  |
| * 75 | 3.6 | 132 | 28 | 47 | 130 | 40.0 | 0.759    | 261.16  |
| * 90 | 4.3 | 130 | 34 | 55 | 130 | 40.0 | 0.730    | 333.52  |



VASTE PUNTEN  
POINTS FIXES  
FIXED POINTS

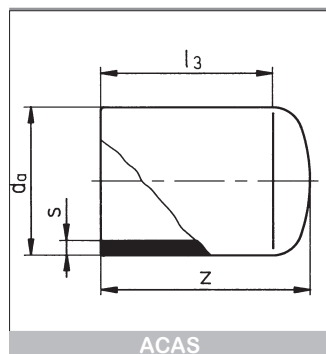
Gespoten / injecté / moulded.

| da  | L   | L1  | L2   | d1  | SDR 33 / ISO S-16 |          |         | SDR 21 / ISO S-10 |          |         |
|-----|-----|-----|------|-----|-------------------|----------|---------|-------------------|----------|---------|
|     |     |     |      |     | s                 | KG/ST/PC | €/ST/PC | S                 | KG/ST/PC | €/ST/PC |
| 32  | 120 | 68  | 33.0 | 40  |                   |          |         | 2.4               | 0.070    | 35.87   |
| 63  | 120 | 68  | 30.0 | 71  |                   |          |         | 3.0               | 0.170    | 75.52   |
| 90  | 150 | 75  | 40.0 | 104 | 2.8               | 0.333    | 175.40  | 4.3               | 0.420    | 185.76  |
| 110 | 150 | 77  | 40.0 | 126 | 3.4               | 0.470    | 259.82  | 5.3               | 0.630    | 275.72  |
| 125 | 160 | 98  | 60.5 | 143 | 3.9               | 0.620    | 390.95  | 6.0               | 0.853    | 407.17  |
| 140 | 160 | 100 | 60.5 | 160 | 4.3               | 0.826    | 461.42  | 6.7               | 1.050    | 484.01  |
| 160 | 160 | 100 | 60.0 | 178 | 4.9               | 1.040    | 595.03  | 7.7               | 1.340    | 623.16  |



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

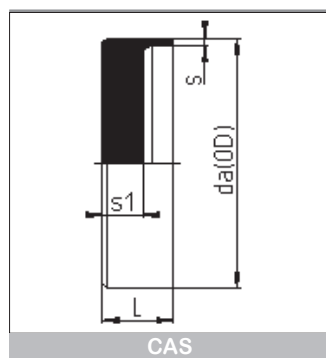
PVDF-SOLEF®



EINDKAPPEN VERLENGD  
BOUCHONS ALLONGES  
END CAPS ELONGATED

Gespoten.  
Injectés.  
Moulded.

| da  | z   | SDR 33 / ISO S-16 |    |          |         | SDR 21 / ISO S-10 |    |          |         |
|-----|-----|-------------------|----|----------|---------|-------------------|----|----------|---------|
|     |     | s                 | L3 | KG/ST/PC | €/ST/PC | s                 | L3 | KG/ST/PC | €/ST/PC |
| 20  | 48  |                   |    |          |         | 1.9               | 41 | 0.011    | 12.20   |
| 25  | 48  |                   |    |          |         | 1.9               | 41 | 0.013    | 13.93   |
| 32  | 52  |                   |    |          |         | 2.4               | 42 | 0.024    | 15.72   |
| 40  | 60  |                   |    |          |         | 2.4               | 48 | 0.039    | 28.99   |
| 50  | 64  |                   |    |          |         | 3.0               | 48 | 0.070    | 35.37   |
| 63  | 69  |                   |    |          |         | 3.0               | 50 | 0.086    | 56.75   |
| 75  | 93  |                   |    |          |         | 3.6               | 75 | 0.168    | 70.07   |
| 90  | 110 | 2.8               | 84 | 0.198    | 57.26   | 4.3               | 84 | 0.277    | 74.90   |
| 110 | 125 | 3.4               | 90 | 0.310    | 74.28   | 5.3               | 99 | 0.463    | 107.57  |



EINDKAPPEN  
BOUCHONS  
END CAPS

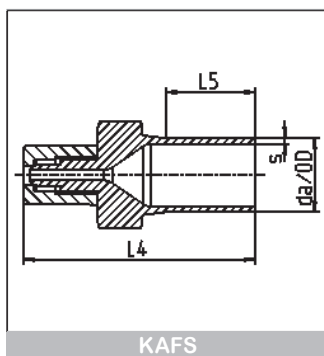
Uit plaat gedraaid  
Tournés hors de plaque  
Machined from plate

| OD  | L  | S1 | SDR 33 / ISO S-16 |          |         | SDR 21 / ISO S-10 |          |         |
|-----|----|----|-------------------|----------|---------|-------------------|----------|---------|
|     |    |    | s                 | KG/ST/PC | €/ST/PC | s                 | KG/ST/PC | €/ST/PC |
| 125 | 35 | 20 | 3.9               | 0.507    | 157.33  | 6.0               | 0.540    | 219.72  |
| 140 | 35 | 20 | 4.3               | 0.623    | 250.38  | 6.7               | 0.800    | 268.09  |
| 160 | 35 | 20 | 4.9               | 0.785    | 288.25  | 7.7               | 0.856    | 315.85  |
| 200 | 35 | 20 | 6.2               | 1.265    | 407.69  | 9.6               | 1.312    | 450.18  |
| 225 | 35 | 20 | 6.9               | 1.533    | 477.45  | 10.8              | 1.460    | 504.47  |



stompasfittings + IR  
raccords pour le soudage bout à bout + IR  
fittings for butt welding + IR

PVDF-SOLEF®



OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

van PVDF naar PFA, Flare Link  
du PVDF au PFA, Flare Link  
PVDF to PFA, Flare Link

SDR 21 - MOP 10 bar

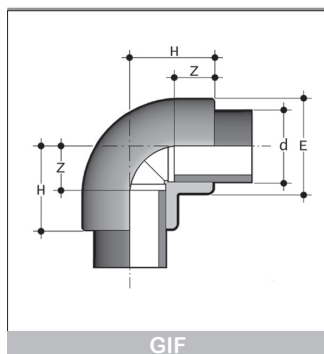
| da x R    | s   | L4   |    | KG/ST/PC | €/ST/PC |
|-----------|-----|------|----|----------|---------|
| 20 x 1/4" | 1,9 | 78.0 | 30 | 0.029    | *120.31 |
| 20 x 3/8" | 1,9 | 79.0 | 30 | 0.034    | *128.03 |
| 20 x 1/2" | 1,9 | 80,5 | 30 | 0.034    | *159.65 |
| 20 x 3/4" | 1,9 | 84.0 | 30 | 0.051    | *159.15 |
| 25 x 1/4" | 1,9 | 78.0 | 30 | 0.042    | *128.03 |
| 25 x 3/8" | 1,9 | 79.0 | 30 | 0.047    | *139.73 |
| 25 x 1/2" | 1,9 | 80,5 | 30 | 0.044    | *151.41 |
| 25 x 3/4" | 1,9 | 84.0 | 30 | 0.056    | *174.63 |
| 25 x 1"   | 1,9 | 93,5 | 30 | 0.120    | *197.97 |
| 32 x 1/2" | 2,4 | 80,5 | 30 | 0.070    | *178.57 |
| 32 x 3/4" | 2,4 | 84.0 | 30 | 0.075    | *197.97 |
| 32 x 1"   | 2,4 | 93,5 | 30 | 0.113    | *225.05 |
| 40 x 1/2" | 2,4 | 80,5 | 30 | 0.080    | *201.81 |
| 40 x 3/4" | 2.4 | 84.0 | 30 | 0.091    | *290.49 |

\* PURAD



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

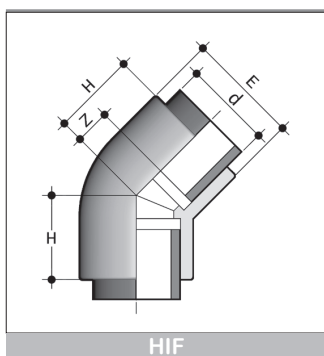
**PVDF-SOLEF®**



KNIEEN 90°  
COUDES 90°  
ELBOWS 90°

Gespoten PN 16.  
Injectés PN 16.  
Moulded PN 16.

| D          | Z    | H    | E     | KG/ST/PC | €/ST/PC       |
|------------|------|------|-------|----------|---------------|
| <b>16</b>  | 10.0 | 23.0 | 21.5  | 0.014    | <b>9.54</b>   |
| <b>20</b>  | 12.5 | 27.0 | 27.5  | 0.028    | <b>10.91</b>  |
| <b>25</b>  | 15.5 | 31.5 | 33.0  | 0.043    | <b>13.47</b>  |
| <b>32</b>  | 18.5 | 36.5 | 41.0  | 0.065    | <b>28.00</b>  |
| <b>40</b>  | 22.5 | 43.0 | 51.5  | 0.125    | <b>44.95</b>  |
| <b>50</b>  | 27.0 | 50.5 | 62.5  | 0.195    | <b>66.68</b>  |
| <b>63</b>  | 33.5 | 61.0 | 77.0  | 0.340    | <b>112.97</b> |
| <b>75</b>  | 42.0 | 73.0 | 92.0  | 0.575    | <b>193.81</b> |
| <b>90</b>  | 47.0 | 83.0 | 109.5 | 0.850    | <b>287.24</b> |
| <b>110</b> | 57.5 | 99.0 | 133.0 | 1.470    | <b>527.98</b> |



KNIEEN 45°  
COUDES 45°  
ELBOWS 45°

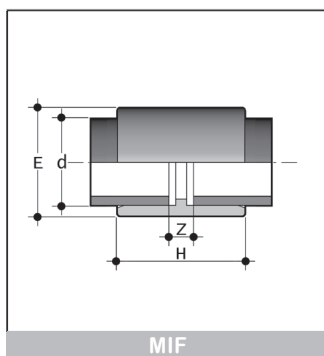
Gespoten PN 16.  
Injectés PN 16.  
Moulded PN 16.

| D          | Z    | H    | E     | KG/ST/PC | €/ST/PC       |
|------------|------|------|-------|----------|---------------|
| <b>20</b>  | 7.0  | 21.5 | 27.5  | 0.024    | <b>12.83</b>  |
| <b>25</b>  | 9.0  | 25.0 | 33.7  | 0.037    | <b>18.72</b>  |
| <b>32</b>  | 11.5 | 29.5 | 41.5  | 0.063    | <b>21.92</b>  |
| <b>40</b>  | 16.0 | 36.5 | 51.0  | 0.110    | <b>36.80</b>  |
| <b>50</b>  | 19.0 | 42.5 | 62.5  | 0.202    | <b>40.82</b>  |
| <b>63</b>  | 24.5 | 52.0 | 78.5  | 0.337    | <b>65.86</b>  |
| <b>75</b>  | 30.0 | 61.0 | 88.0  | 0.395    | <b>163.46</b> |
| <b>90</b>  | 37.0 | 72.5 | 105.0 | 0.645    | <b>248.42</b> |
| <b>110</b> | 45.5 | 87.0 | 127.0 | 1.095    | <b>442.57</b> |



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

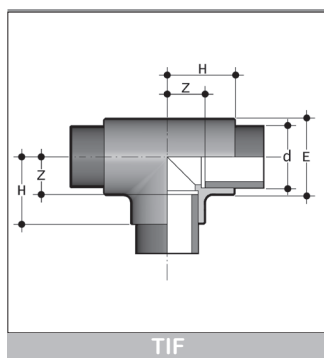
**PVDF-SOLEF®**



**SOKKEN  
MANCHONS  
SOCKETS**

Gespoten PN 16.  
Injectés PN 16.  
Moulded PN 16.

| D   | Z    | H    | E     | KG/ST/PC | €/ST/PC |
|-----|------|------|-------|----------|---------|
| 20  | 7.0  | 36.0 | 27.5  | 0.020    | 7.88    |
| 25  | 8.0  | 40.0 | 33.0  | 0.028    | 9.31    |
| 32  | 8.0  | 44.0 | 41.6  | 0.048    | 12.63   |
| 40  | 7.5  | 48.5 | 50.8  | 0.070    | 19.04   |
| 50  | 8.0  | 55.0 | 62.8  | 0.120    | 56.13   |
| 63  | 9.0  | 64.0 | 76.7  | 0.185    | 80.68   |
| 75  | 9.5  | 71.5 | 90.0  | 0.275    | 84.85   |
| 90  | 8.0  | 79.0 | 108.0 | 0.415    | 131.22  |
| 110 | 10.5 | 93.5 | 130.7 | 0.710    | 242.66  |



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

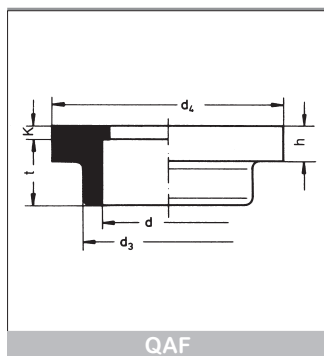
Gespoten PN 16.  
Injectés PN 16.  
Moulded PN 16.

| D   | Z    | H    | E     | KG/ST/PC | €/ST/PC |
|-----|------|------|-------|----------|---------|
| 16  | 10.0 | 23.0 | 21.5  | 0.018    | 18.05   |
| 20  | 12.5 | 27.0 | 27.5  | 0.035    | 19.04   |
| 25  | 15.5 | 31.5 | 33.0  | 0.055    | 23.33   |
| 32  | 18.5 | 36.5 | 41.0  | 0.090    | 34.69   |
| 40  | 22.0 | 42.5 | 51.0  | 0.150    | 53.94   |
| 50  | 28.5 | 52.0 | 63.0  | 0.270    | 82.29   |
| 63  | 35.0 | 62.5 | 78.5  | 0.470    | 129.27  |
| 75  | 39.5 | 70.5 | 92.5  | 0.665    | 244.60  |
| 90  | 46.0 | 81.5 | 108.5 | 1.025    | 368.86  |
| 110 | 58.0 | 99.0 | 132.5 | 1.800    | 677.01  |



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

**PVDF-SOLEF®**



**KRAAGBUSSEN**  
**COLLETS A JOINT PLATS**  
**FLAT-SEATED STUBS**

Gespoten PN 16.  
Injectés PN 16.  
Moulded PN 16.

| d          | L  | d3  | d4  | h  | t  | KG/ST/PC | €/ST/PC       |
|------------|----|-----|-----|----|----|----------|---------------|
| <b>16</b>  | 20 | 27  | 45  | 6  | 15 | 0.03     | <b>9.01</b>   |
| <b>20</b>  | 21 | 27  | 45  | 6  | 16 | 0.02     | <b>9.36</b>   |
| <b>25</b>  | 22 | 33  | 58  | 7  | 17 | 0.04     | <b>10.87</b>  |
| <b>32</b>  | 25 | 41  | 68  | 7  | 20 | 0.05     | <b>13.24</b>  |
| <b>40</b>  | 26 | 50  | 78  | 8  | 21 | 0.07     | <b>21.45</b>  |
| <b>50</b>  | 30 | 61  | 88  | 8  | 25 | 0.10     | <b>29.17</b>  |
| <b>63</b>  | 33 | 76  | 122 | 9  | 28 | 0.14     | <b>37.49</b>  |
| <b>75</b>  | 37 | 90  | 120 | 10 | 32 | 0.23     | <b>94.19</b>  |
| <b>90</b>  | 41 | 109 | 125 | 11 | 36 | 0.32     | <b>127.38</b> |
| <b>110</b> | 48 | 131 | 150 | 12 | 43 | 0.46     | <b>177.62</b> |

OVERSCHUIFFLENZEN MET STALEN KERN / PP-GFK  
BRIDES LIBRES AVEC NOYEAU EN ACIER / PP-GFK  
BACKING FLANGES WITH STEELINSERT / PP-GFK

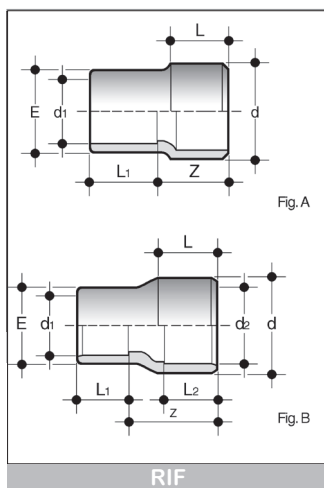
Zie hoofdstuk Flenzen  
Voir chapitre Brides  
See chapter Flanges





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

**PVDF-SOLEF®**

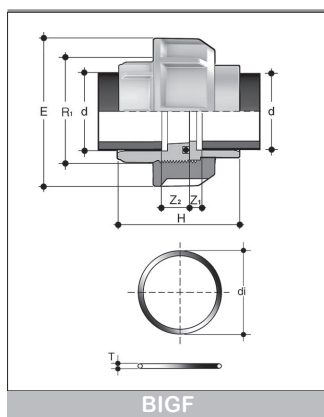


CONCENTRISCHE VERLOOPSTUKKEN  
REDUCTIONS CONCENTRIQUES  
CONCENTRIC REDUCERS

Gespoten PN 16.  
Injectés PN 16.  
Moulded PN 16.

| D x D <sub>1</sub> | z    | L1    | E     | TYPE | KG/ST/PC | €/ST/PC |
|--------------------|------|-------|-------|------|----------|---------|
| 20 x 16            | 22.0 | 35.0  | 20.0  | A    | 0.011    | 11.28   |
| 25 x 16            | 25.0 | 40.0  | 24.0  | B    | 0.020    | 15.72   |
| 25 x 20            | 25.5 | 40.0  | 26.0  | A    | 0.015    | 13.31   |
| 32 x 20            | 29.0 | 44.0  | 29.0  | B    | 0.031    | 22.81   |
| 32 x 25            | 30.0 | 46.0  | 31.5  | A    | 0.028    | 17.83   |
| 40 x 20            | 34.0 | 48.0  | 29.0  | B    | 0.043    | 25.65   |
| 40 x 25            | 35.0 | 51.0  | 32.0  | A    | 0.040    | 21.81   |
| 40 x 32            | 35.5 | 53.5  | 39.5  | A    | 0.047    | 24.61   |
| 50 x 20            | 39.0 | 55.0  | 29.0  | B    | 0.064    | 31.47   |
| 50 x 25            | 37.0 | 55.0  | 35.0  | B    | 0.067    | 31.47   |
| 50 x 32            | 41.0 | 59.0  | 39.0  | A    | 0.055    | 26.50   |
| 50 x 40            | 42.5 | 63.0  | 47.0  | A    | 0.070    | 31.03   |
| 63 x 25            | 47.0 | 65.0  | 35.0  | B    | 0.107    | 46.61   |
| 63 x 32            | 49.0 | 67.0  | 40.0  | A    | 0.100    | 37.25   |
| 63 x 40            | 43.0 | 65.0  | 53.0  | B    | 0.126    | 47.14   |
| 63 x 50            | 52.5 | 76.0  | 59.5  | A    | 0.130    | 39.50   |
| 75 x 63            | 61.0 | 88.5  | 75.0  | A    | 0.220    | 82.29   |
| 90 x 63            | 69.5 | 97.0  | 73.0  | A    | 0.280    | 89.64   |
| 90 x 75            | 72.5 | 103.5 | 86.5  | A    | 0.335    | 89.64   |
| 110 x 63           | 61.0 | 88.0  | 81.0  | B    | 0.467    | 154.45  |
| 110 x 90           | 85.0 | 120.5 | 102.5 | A    | 0.520    | 135.34  |

Type B : AGRU



DRIEDELIGE KOPPELINGEN  
RACCORDS UNION  
SOCKET UNIONS

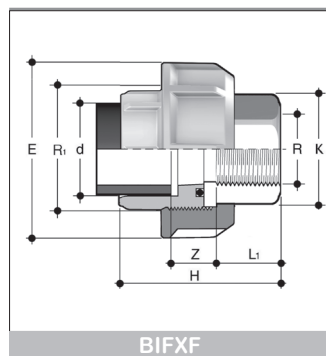
Gespoten PN 16. Met O-ring in FPM.  
Injectés PN 16, avec bague O en FPM.  
Moulded PN 16, with O-ring in FPM.

| D  | R1     | Z <sub>1</sub> | Z <sub>2</sub> | H    | E   | €/ST/PC |
|----|--------|----------------|----------------|------|-----|---------|
| 20 | 1"     | 12             | 5.5            | 45.5 | 47  | 34.56   |
| 25 | 1 1/4" | 12             | 5.5            | 49.5 | 58  | 46.59   |
| 32 | 1 1/2" | 12             | 5.5            | 53.5 | 65  | 56.55   |
| 40 | 2"     | 14             | 5.5            | 59.5 | 78  | 80.68   |
| 50 | 2 1/4" | 16             | 5.5            | 67.5 | 85  | 112.30  |
| 63 | 2 3/4" | 20             | 5.5            | 79.5 | 103 | 169.68  |



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

**PVDF-SOLEF®**



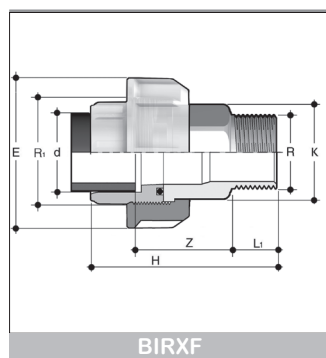
**DRIEDELIGE KOPPELINGEN**  
**RACCORDS D'ADAPTATION 3 PIECES**  
**SOCKETS UNIONS**

Inlegstuk: PVDF met lasmof  
Puntstuk: RVS A316L BS met parallel binnendraad  
Wartelmoer: PVDF  
Afdichting: O-ring FPM

Pièce folle: PVDF, côté femelle à souder  
Pièce taraudée: INOX A316L BS, femelle à filetage pararell  
Ecrou: PVDF  
Etanchéité: joint torique FPM

Insert: PVDF, socket for socket welding  
Close end: Stainless Steel A316L BS with parallel female threaded  
Union nut: PVDF  
Sealing: O-ring FPM

| d x R              | R <sub>1</sub> | PN | L <sub>1</sub> | Z    | H    | K  | E   | €/ST/PC       |
|--------------------|----------------|----|----------------|------|------|----|-----|---------------|
| <b>20 x 1/2"</b>   | 1"             | 16 | 16.5           | 18.0 | 48.5 | 25 | 47  | <b>156.43</b> |
| <b>25 x 3/4"</b>   | 1 1/4"         | 16 | 18.5           | 19.0 | 53.5 | 32 | 58  | <b>231.54</b> |
| <b>32 x 1"</b>     | 1 1/2"         | 16 | 19.5           | 20.0 | 57.5 | 38 | 65  | <b>285.40</b> |
| <b>40 x 1 1/4"</b> | 2"             | 16 | 21.5           | 23.0 | 64.5 | 48 | 78  | <b>389.10</b> |
| <b>50 x 1 1/2"</b> | 2 1/4"         | 16 | 23.0           | 32.5 | 78.5 | 55 | 85  | <b>415.84</b> |
| <b>63 x 2"</b>     | 2 3/4"         | 16 | 27.0           | 31.5 | 85.5 | 69 | 103 | <b>483.76</b> |



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

Inlegstuk: PVDF met lasmof  
Puntstuk: RVS A316L BS met parallel buitendraad  
Wartelmoer: PVDF  
Afdichting: O-ring FPM

Pièce folle: PVDF, côté femelle à souder  
Pièce taraudée: INOX A316L BS, mâle à filetage pararell  
Ecrou: PVDF  
Etanchéité: joint torique FPM

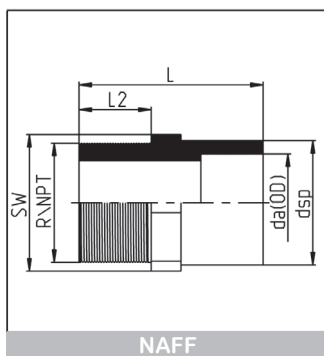
Insert: PVDF, socket for socket welding  
Close end: Stainless Steel A316L BS with parallel male threaded  
Union nut: PVDF  
Sealing: O-ring FPM

| d x R              | R <sub>1</sub> | PN | L <sub>1</sub> | Z    | L  | H     | K  | E   | €/ST/PC       |
|--------------------|----------------|----|----------------|------|----|-------|----|-----|---------------|
| <b>20 x 1/2"</b>   | 1"             | 16 | 13.5           | 37.5 | 16 | 65.0  | 25 | 47  | <b>176.04</b> |
| <b>25 x 3/4"</b>   | 1 1/4"         | 16 | 15.0           | 40.5 | 19 | 71.5  | 32 | 58  | <b>258.13</b> |
| <b>32 x 1"</b>     | 1 1/2"         | 16 | 17.5           | 42.5 | 22 | 78.0  | 38 | 65  | <b>327.42</b> |
| <b>40 x 1 1/4"</b> | 2"             | 16 | 19.5           | 47.5 | 26 | 87.0  | 48 | 78  | <b>477.35</b> |
| <b>50 x 1 1/2"</b> | 2 1/4"         | 16 | 19.5           | 52.5 | 31 | 95.0  | 55 | 85  | <b>486.60</b> |
| <b>63 x 2"</b>     | 2 3/4"         | 16 | 24.0           | 62.5 | 38 | 113.5 | 69 | 103 | <b>562.00</b> |



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

**PVDF-SOLEF®**



OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten PN 10.

Mannelijke draadaansluiting standaard met BS-draad, NPT-draad op aanvraag.

Injectés PN 10.

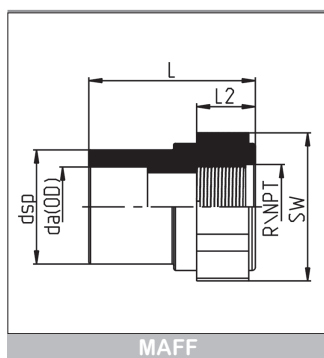
Fixation fileté mâle standard BS, filetage NPT sur demande.

Moulded PN 10.

One end male threaded standard BS, NPT on request.

| da | R      | d <sub>sp</sub>    | L                | t    | L <sub>2</sub>   | SW                 | KG/ST/PC | €/ST/PC      |
|----|--------|--------------------|------------------|------|------------------|--------------------|----------|--------------|
| 20 | 3/4"   | 25 <sup>+0,6</sup> | 51 <sup>±4</sup> | 17,2 | 20 <sup>±2</sup> | 29,5 <sup>±3</sup> | 0,023    | <b>20.57</b> |
| 25 | 1"     | 32 <sup>+0,6</sup> | 61 <sup>±4</sup> | 19,5 | 24 <sup>±2</sup> | 39,5 <sup>±3</sup> | 0,049    | <b>31.44</b> |
| 32 | 1 1/4" | 40 <sup>+0,8</sup> | 66 <sup>±4</sup> | 21,5 | 27 <sup>±2</sup> | 45,5 <sup>±3</sup> | 0,072    | <b>38.19</b> |
| 40 | 1 1/2" | 50 <sup>+1,0</sup> | 74 <sup>±4</sup> | 24,0 | 29 <sup>±2</sup> | 60,0 <sup>±3</sup> | 0,119    | <b>58.20</b> |
| 50 | 2"     | 63 <sup>+1,2</sup> | 78 <sup>±4</sup> | 29,0 | 31 <sup>±2</sup> | 71,0 <sup>±3</sup> | 0,177    | <b>74.28</b> |

NPT op aanvraag / sur demane / on request



OVERGANGSSTUKKEN  
EMBOUTS D'ADAPTATION  
ADAPTOR COUPLINGS

Gespoten PN 10. GFK versterkt

Vrouwelijke draadaansluiting standaard met BS-draad, NPT-draad op aanvraag.

Injectés PN 10. Renforcé fibre de verre.

Fixation fileté femelle standard BS, filetage NPT sur demande.

Moulded PN 10. Glassfiber reinforced.

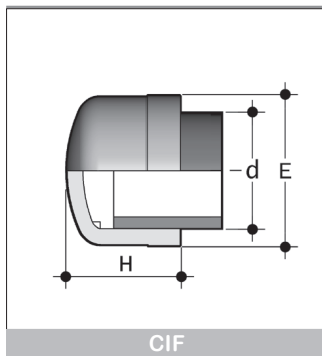
One end female threaded standard BS, NPT on request.

| da | R      | d <sub>sp</sub> | L                  | t    | L <sub>2</sub>   | SW | KG/ST/PC | €/ST/PC      |
|----|--------|-----------------|--------------------|------|------------------|----|----------|--------------|
| 20 | 1/2"   | 29,5            | 45,0 <sup>±4</sup> | 14,5 | 16 <sup>±2</sup> | 32 | 0,037    | <b>22.19</b> |
| 25 | 3/4"   | 35,0            | 50,5 <sup>±4</sup> | 16,0 | 18 <sup>±2</sup> | 41 | 0,059    | <b>29.66</b> |
| 32 | 1"     | 42,5            | 57,0 <sup>±4</sup> | 18,1 | 20 <sup>±2</sup> | 46 | 0,094    | <b>38.63</b> |
| 40 | 1 1/4" | 52,0            | 62,5 <sup>±4</sup> | 20,5 | 24 <sup>±2</sup> | 55 | 0,146    | <b>53.45</b> |
| 50 | 1 1/2" | 64,0            | 68,0 <sup>±4</sup> | 23,5 | 26 <sup>±2</sup> | 70 | 0,236    | <b>72.57</b> |
| 63 | 2"     | 80,0            | 74,0 <sup>±4</sup> | 27,4 | 30 <sup>±2</sup> | 85 | 0,396    | <b>99.01</b> |



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

**PVDF-SOLEF®**



AFSLUITKAPPEN  
BOUCHONS FEMELLES  
END CAPS

Gespoten PN 16  
Injectés PN 16  
Moulded PN 16

| D    | H    | E     | KG/ST/PC | €/ST/PC |
|------|------|-------|----------|---------|
| 20   | 22.5 | 27.5  | 0.011    | 13.47   |
| 25   | 27.0 | 33.0  | 0.019    | 14.74   |
| 32   | 31.0 | 41.0  | 0.032    | 16.96   |
| 40   | 36.0 | 50.0  | 0.047    | 32.32   |
| 50   | 42.5 | 60.5  | 0.075    | 38.07   |
| 63   | 51.0 | 75.5  | 0.135    | 61.38   |
| 75   | 58.0 | 89.5  | 0.215    | 64.42   |
| 90   | 68.0 | 108.5 | 0.400    | 79.75   |
| *110 | 81.0 | 130.0 | 0.630    | 206.39  |

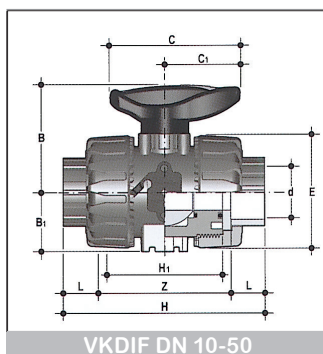
\* AGRU



kranen  
vannes  
valves

DUAL BLOCK®

PVDF-SOLEF®



KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

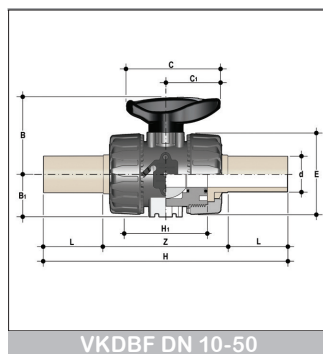
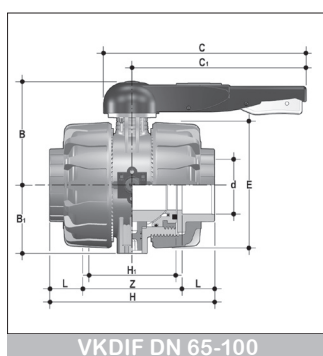
PN 16

2-Wegkogelafsluiter, Dual Block® met inwendige lasmoffen.  
Zittingen PTFE/EPDM, PTFE/FPM.

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

2-Way ball valve Dual Block® with lockable nuts, welding sockets.  
Seats PTFE/EPDM, PTFE/FPM.

|     | D   | DN    | Z   | H   | H1  | E     | B     | B1  | C   | C1 | G/ST/PC | €/ST/PC<br>FPM |
|-----|-----|-------|-----|-----|-----|-------|-------|-----|-----|----|---------|----------------|
| 16  | 10  | 74.5  | 102 | 65  | 54  | 54.0  | 29.0  | 67  | 40  |    | 291     | 171.39         |
| 20  | 15  | 73.0  | 102 | 65  | 54  | 54.0  | 29.0  | 67  | 40  |    | 272     | 178.01         |
| 25  | 20  | 82.0  | 114 | 70  | 65  | 65.0  | 34.5  | 85  | 49  |    | 445     | 221.79         |
| 32  | 25  | 90.0  | 126 | 78  | 73  | 69.5  | 39.0  | 85  | 49  |    | 584     | 284.63         |
| 40  | 32  | 100.0 | 141 | 88  | 86  | 82.5  | 46.0  | 108 | 64  |    | 938     | 368.53         |
| 50  | 40  | 117.0 | 164 | 93  | 98  | 89.0  | 52.0  | 108 | 64  |    | 1242    | 531.00         |
| 63  | 50  | 144.0 | 199 | 111 | 122 | 108.0 | 62.0  | 134 | 76  |    | 2187    | 789.45         |
| 75  | 65  | 147.0 | 235 | 133 | 164 | 164.0 | 87.0  | 225 | 175 |    | 4380    | 2049.51        |
| 90  | 80  | 168.0 | 270 | 149 | 203 | 177.0 | 105.0 | 327 | 272 |    | 7200    | 2581.35        |
| 110 | 100 | 186.0 | 308 | 167 | 238 | 195.0 | 129.0 | 385 | 330 |    | 11141   | 3762.31        |



KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

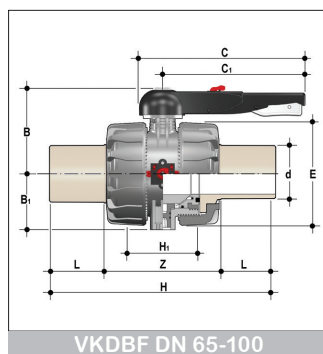
PN 16

2-Wegkogelafsluiter, Dual Block® met verlengde mannelijke laseinden PVDF voor spiegelllas /  
IR las.  
Zittingen PTFE/EPDM, PTFE/FPM.

Robinets à bille Dual Block® tournant sphérique à 2 voies. Embouts mâles longues PVDF pour  
soudage bout à bout / IR.  
Sièges PTFE/EPDM, PTFE/FPM.

2-Way ball valve Dual Block® with lockable nuts, with long spigot male ends PVDF for butt  
welding / IR welding.  
Seats PTFE/EPDM, PTFE/FPM.

| D   | DN  | Z   | H   | H1  | E   | B   | B1  | C   | C1  | L    | G<br>ST/PC | €<br>ST/PC<br>FPM |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------------|-------------------|
| 20  | 15  | 94  | 175 | 65  | 54  | 54  | 29  | 67  | 40  | 40.5 | 450        | 265.49            |
| 25  | 20  | 106 | 212 | 70  | 65  | 65  | 35  | 85  | 49  | 54.0 | 516        | 332.01            |
| 32  | 25  | 117 | 226 | 78  | 73  | 70  | 39  | 85  | 49  | 56.0 | 664        | 420.37            |
| 40  | 32  | 131 | 246 | 88  | 86  | 83  | 46  | 108 | 64  | 56.0 | 1020       | 530.91            |
| 50  | 40  | 145 | 271 | 93  | 98  | 89  | 52  | 108 | 64  | 60.5 | 1350       | 774.31            |
| 63  | 50  | 161 | 300 | 111 | 122 | 108 | 62  | 134 | 76  | 65.5 | 2330       | 1150.29           |
| 75  | 65  | 214 | 356 | 133 | 162 | 164 | 87  | 225 | 175 | 71.0 | 4700       | 2855.63           |
| 90  | 80  | 214 | 390 | 149 | 202 | 177 | 105 | 327 | 272 | 88.0 | 7150       | 3596.67           |
| 110 | 100 | 247 | 431 | 167 | 236 | 195 | 129 | 385 | 330 | 92.0 | 11300      | 5242.20           |

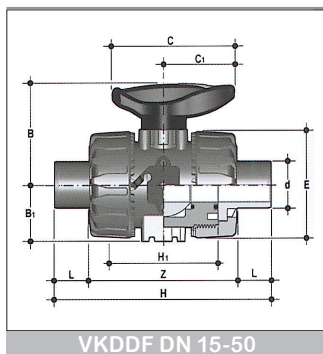




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BALL VALVES

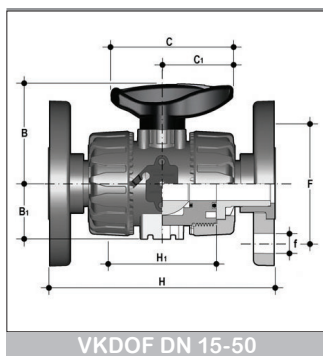
PN 16

2-Wegkogelafsluiter, Dual Block® met uitwendige lasmoffen.  
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, welding spigots.  
Seats PTFE/EPDM, PTFE/FPM.

| D   | DN  | L  | H   | H1  | E   | B     | B1    | C   | C1  | G/ST/PC | €/ST/PC<br>FPM |
|-----|-----|----|-----|-----|-----|-------|-------|-----|-----|---------|----------------|
| 20  | 15  | 16 | 124 | 65  | 54  | 54.0  | 29.0  | 67  | 40  | 299     | 209.42         |
| 25  | 20  | 19 | 144 | 70  | 65  | 65.0  | 34.5  | 85  | 49  | 466     | 261.90         |
| 32  | 25  | 22 | 154 | 78  | 73  | 69.5  | 39.0  | 85  | 49  | 604     | 331.60         |
| 40  | 32  | 26 | 174 | 88  | 86  | 82.5  | 46.0  | 108 | 64  | 951     | 418.78         |
| 50  | 40  | 31 | 194 | 93  | 98  | 89.0  | 52.0  | 108 | 64  | 1284    | 610.80         |
| 63  | 50  | 38 | 224 | 111 | 122 | 108.0 | 62.0  | 134 | 76  | 2229    | 907.38         |
| 75  | 65  | 44 | 284 | 133 | 164 | 164.0 | 87.0  | 327 | 272 | 4420    | 2252.54        |
| 90  | 80  | 51 | 300 | 149 | 203 | 177.0 | 105.0 | 327 | 272 | 6930    | 2837.07        |
| 110 | 100 | 61 | 340 | 167 | 238 | 195.0 | 129.0 | 385 | 330 | 10950   | 4135.10        |



KOGELKRANEN  
VANNES A BILLE  
BALL VALVES

PN 16

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

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

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

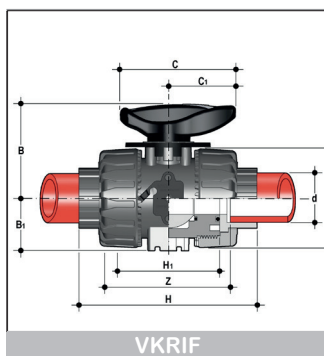
| D   | DN  | H   | H1  | B     | B1    | C   | C1  | F   | f  | U | G/ST/PC | €/ST/PC<br>FPM |
|-----|-----|-----|-----|-------|-------|-----|-----|-----|----|---|---------|----------------|
| 20  | 15  | 130 | 65  | 54.0  | 29.0  | 67  | 40  | 65  | 14 | 4 | 547     | 391.90         |
| 25  | 20  | 150 | 70  | 65.0  | 34.5  | 85  | 49  | 75  | 14 | 4 | 772     | 474.68         |
| 32  | 25  | 160 | 78  | 69.5  | 39.0  | 85  | 49  | 85  | 14 | 4 | 1024    | 613.00         |
| 40  | 32  | 180 | 88  | 82.5  | 46.0  | 108 | 64  | 100 | 18 | 4 | 1583    | 752.13         |
| 50  | 40  | 200 | 93  | 89.0  | 52.0  | 108 | 64  | 110 | 18 | 4 | 2024    | 1083.26        |
| 63  | 50  | 230 | 111 | 108.0 | 62.0  | 134 | 76  | 125 | 18 | 4 | 3219    | 1462.99        |
| 75  | 65  | 290 | 133 | 164.0 | 87.0  | 327 | 272 | 145 | 17 | 4 | 8588    | 2662.12        |
| 90  | 80  | 310 | 149 | 177.0 | 105.0 | 327 | 272 | 160 | 17 | 8 | 12122   | 3352.87        |
| 110 | 100 | 350 | 167 | 195.0 | 129.0 | 385 | 330 | 180 | 17 | 8 | 17949   | 4886.88        |



kranen  
vannes  
valves

DUAL BLOCK®

PVDF-SOLEF®



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.

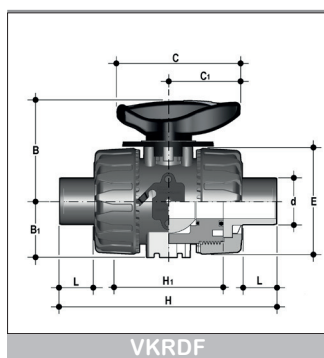
Spigots for socket welding.

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 | L    | Z     | H   | H <sub>1</sub> | E   | B     | B <sub>1</sub> | C   | C <sub>1</sub> | G/ST/PC | €/ST/PC<br>FPM |
|----|----|----|------|-------|-----|----------------|-----|-------|----------------|-----|----------------|---------|----------------|
| 16 | 10 | 16 | 14.0 | 74.5  | 102 | 65             | 54  | 54.0  | 29.0           | 67  | 40             | 291     | 351.73         |
| 20 | 15 | 16 | 14.5 | 73.0  | 102 | 65             | 54  | 54.0  | 29.0           | 67  | 40             | 272     | 358.43         |
| 25 | 20 | 16 | 16.0 | 82.0  | 114 | 70             | 65  | 65.0  | 34.5           | 85  | 49             | 445     | 408.36         |
| 32 | 25 | 16 | 18.0 | 90.0  | 126 | 78             | 73  | 69.5  | 39.0           | 85  | 49             | 584     | 494.55         |
| 40 | 32 | 16 | 20.5 | 100.0 | 141 | 88             | 86  | 82.5  | 46.0           | 108 | 64             | 938     | 603.22         |
| 50 | 40 | 16 | 23.5 | 117.0 | 164 | 93             | 98  | 89.0  | 52.0           | 108 | 64             | 1242    | 1002.82        |
| 63 | 50 | 16 | 27.5 | 144.0 | 199 | 111            | 122 | 108.0 | 62.0           | 134 | 76             | 2187    | 1688.39        |



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.

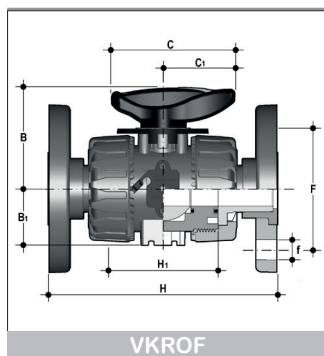
| D  | DN | PN | L  | H   | H <sub>1</sub> | E   | B     | B <sub>1</sub> | C   | C <sub>1</sub> | G/ST/PC | €/ST/PC<br>FPM |
|----|----|----|----|-----|----------------|-----|-------|----------------|-----|----------------|---------|----------------|
| 20 | 15 | 16 | 16 | 124 | 65             | 54  | 54.0  | 29.0           | 67  | 40             | 299     | 329.33         |
| 25 | 20 | 16 | 18 | 144 | 70             | 65  | 65.0  | 34.5           | 85  | 49             | 466     | 380.85         |
| 32 | 25 | 16 | 20 | 154 | 78             | 73  | 69.5  | 39.0           | 85  | 49             | 604     | 457.49         |
| 40 | 32 | 16 | 22 | 174 | 88             | 86  | 82.5  | 46.0           | 108 | 64             | 951     | 552.13         |
| 50 | 40 | 16 | 23 | 194 | 93             | 98  | 89.0  | 52.0           | 108 | 64             | 1284    | 914.62         |
| 63 | 50 | 16 | 29 | 224 | 111            | 122 | 108.0 | 62.0           | 134 | 76             | 2229    | 1525.91        |



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vannes  
valves

DUAL BLOCK®

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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     | B1   | C   | C1 | F   | H   | H1  | f  | Sp | G/ST/PC | €/ST/PC<br>FPM |
|----|----|----|-------|------|-----|----|-----|-----|-----|----|----|---------|----------------|
| 20 | 15 | 16 | 54.0  | 29.0 | 67  | 40 | 65  | 130 | 65  | 14 | 11 | 547     | 483.40         |
| 25 | 20 | 16 | 65.0  | 34.5 | 85  | 49 | 75  | 150 | 70  | 14 | 14 | 772     | 558.51         |
| 32 | 25 | 16 | 69.5  | 39.0 | 85  | 49 | 85  | 160 | 78  | 14 | 14 | 1024    | 695.14         |
| 40 | 32 | 16 | 82.5  | 46.0 | 108 | 64 | 100 | 180 | 88  | 18 | 14 | 1583    | 833.52         |
| 50 | 40 | 16 | 89.0  | 52.0 | 108 | 64 | 110 | 200 | 93  | 18 | 16 | 2024    | 1313.60        |
| 63 | 50 | 16 | 108.0 | 62.0 | 134 | 76 | 125 | 230 | 111 | 18 | 16 | 3219    | 1995.10        |





kranen  
vannes  
valves

PVDF-SOLEF®

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

#### 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: PVDF

Axe / axe / stem: RVS AISI 420 (AISI 316 op aanvraag / sur demande / on request)

Zitting / siège / liner: EPDM, FPM (NBR op aanvraag / sur demande / on request)

#### Wafer type:

Tussen flenzen / entre brides / between flanges:

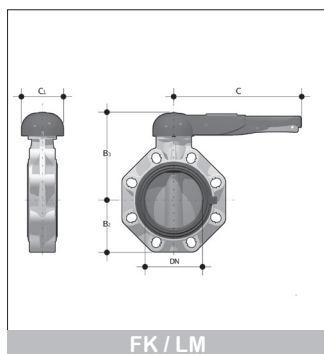
EN ISO 1452, EN ISO 15493, DIN 2501, ISO 7005-1, EN 1092-1, ASTM B16.5 Cl. 150

#### 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.

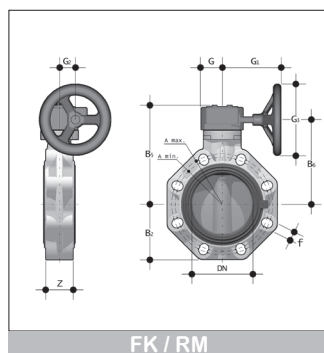
Avant d'effectuer l'installation de vannes papillons, il est conseillé de vérifier le diamètre intérieur des collets. En certains cas, il est nécessaire de chamfreiner.

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<br>FPM |
|-----|-----|----|----------------|----------------|-----|----------------|----|-------------|---|----------------|
| 50  | 40  | 16 | 60             | 137            | 175 | 100            | 33 | 900         | 4 | 481.44         |
| 63  | 50  | 16 | 70             | 143            | 175 | 100            | 43 | 1080        | 4 | 509.79         |
| 75  | 65  | 10 | 80             | 164            | 175 | 100            | 46 | 1470        | 4 | 566.41         |
| 90  | 80  | 10 | 93             | 178            | 272 | 110            | 49 | 1870        | 8 | 589.80         |
| 110 | 100 | 10 | 107            | 192            | 272 | 110            | 56 | 2220        | 8 | 626.63         |
| 140 | 125 | 10 | 120            | 212            | 330 | 110            | 64 | 3100        | 8 | 832.85         |
| 160 | 150 | 10 | 134            | 225            | 330 | 110            | 70 | 3850        | 8 | 856.26         |
| 225 | 200 | 10 | 161            | 272            | 420 | 122            | 71 | 6750        | 8 | 1110.44        |



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<br>FPM |
|-----|-----|----|----------------|----------------|----------------|----|----------------|----------------|----------------|-----|-------------|----|----------------|
| 75  | 65  | 10 | 80             | 174            | 146            | 48 | 135            | 39             | 125            | 46  | 2400        | 4  | 1014.63        |
| 90  | 80  | 10 | 93             | 188            | 160            | 48 | 135            | 39             | 125            | 49  | 2800        | 8  | 1038.04        |
| 110 | 100 | 10 | 107            | 202            | 174            | 48 | 135            | 39             | 125            | 56  | 3150        | 8  | 1075.88        |
| 140 | 125 | 10 | 120            | 222            | 194            | 48 | 144            | 39             | 200            | 64  | 4450        | 8  | 1281.04        |
| 160 | 150 | 10 | 134            | 235            | 207            | 48 | 144            | 39             | 200            | 70  | 5200        | 8  | 1304.44        |
| 225 | 200 | 10 | 161            | 287            | 256            | 65 | 204            | 60             | 200            | 71  | 9300        | 8  | 1661.25        |
| 250 | 250 | 10 | 210            | 317            | 281            | 88 | 236            | 76             | 250            | 114 | 18600       | 12 | 4200.44        |
| 280 | 250 | 10 | 210            | 317            | 281            | 88 | 236            | 76             | 250            | 114 | 18600       | 12 | 4200.44        |
| 315 | 300 | 8  | 245            | 374            | 338            | 88 | 236            | 76             | 250            | 114 | 25600       | 12 | 4551.67        |
| 355 | 350 | 7  | 280            | 438            | 390            | 88 | 361            | 80             | 300            | 129 | 36845       | 16 | 9076.25        |
| 400 | 400 | 6  | 306            | 438            | 390            | 88 | 361            | 80             | 300            | 169 | 45745       | 16 | 10960.09       |

#### TYPE LUG:

met draadogen (DIN 5202, ANSI B16.5 cl. 150) op aanvraag

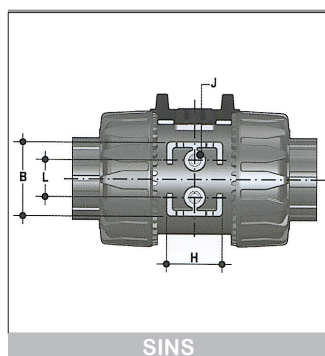
avec oreilles taraudées (DIN 5202, ANSI B16.5 cl. 150) sur demande

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

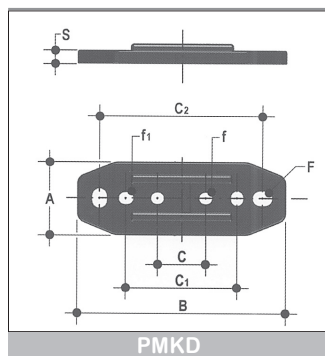
**PVDF-SOLEF®**



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

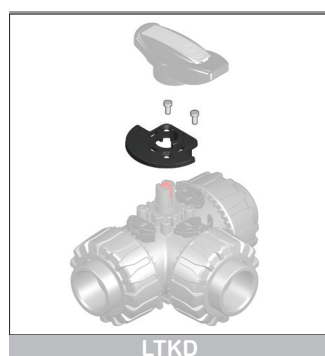
| D  | DN | A  | B   | C  | C1 | C2    | F   | f   | f1  | S | €/ST/PC |
|----|----|----|-----|----|----|-------|-----|-----|-----|---|---------|
| 16 | 10 | 30 | 86  | 20 | 46 | 67.5  | 6.5 | 5.3 | 5.5 | 5 | 8.96    |
| 20 | 15 | 30 | 86  | 20 | 46 | 67.5  | 6.5 | 5.3 | 5.5 | 5 | 8.96    |
| 25 | 20 | 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 VERGREDELING 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

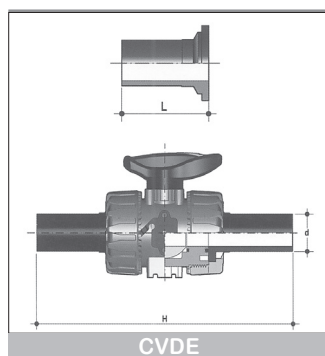
Voor / pour / for : TKD

| 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     |



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

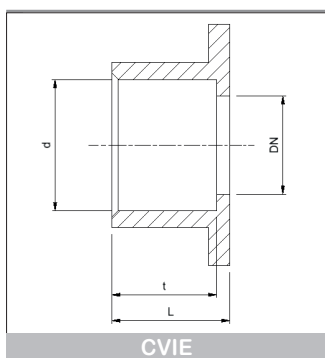
PVDF-SOLEF®



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

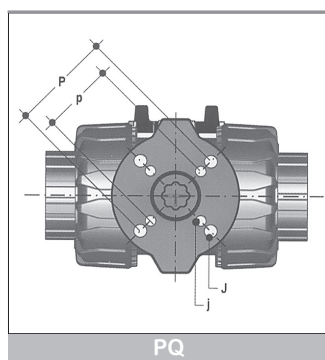
| d   | DN  | L   | H   | €/ST/PC |
|-----|-----|-----|-----|---------|
| 20  | 15  | 55  | 175 | 3.40    |
| 25  | 20  | 70  | 210 | 3.47    |
| 32  | 25  | 74  | 226 | 3.49    |
| 40  | 32  | 78  | 243 | 5.45    |
| 50  | 40  | 84  | 261 | 6.47    |
| 63  | 50  | 91  | 293 | 9.20    |
| 75  | 65  | 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   |

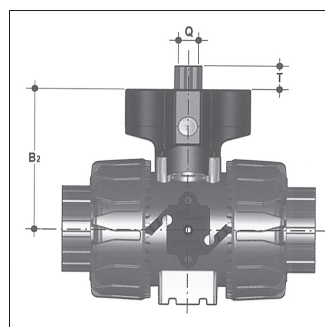


#### POWERQUICK

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     | 67.52       |
| 25      | F03-05*            | 11     | F03                | 14     | 71.61       |
| 25      | F04                | 11     | F04                | 14     | 71.61       |
| 32      | F03-05*            | 11     | F03                | 14     | 71.61       |
| 32      | F04                | 14     | F04                | 14     | 71.61       |
| 40      | F05-07*            | 14     | F05                | 14     | 81.83       |
| 50      | F05-07*            | 14     | F05                | 14     | 81.83       |
| 63      | F05-07*            | 14     | F05                | 14     | 86.97       |



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

PVDF-SOLEF®

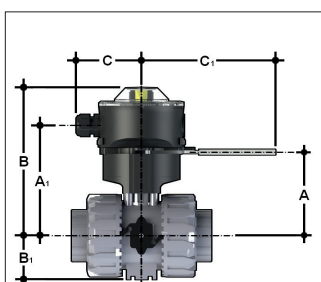


LSQT

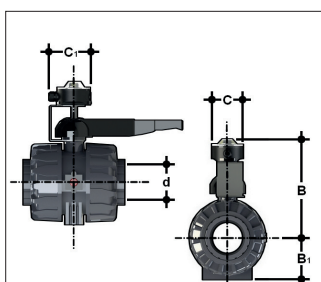
### MICROSWITCHBOX MET TERUGMELDINGEN BOITIER FIN DE COURSE LIMIT SWITCH BOX

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 |



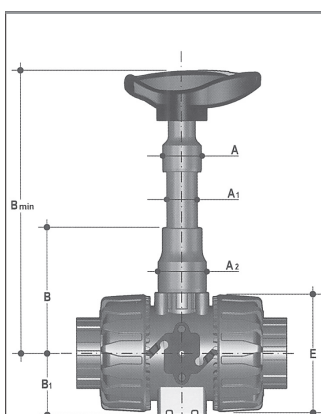
VKD - DN 10-50



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

PVDF-SOLEF®

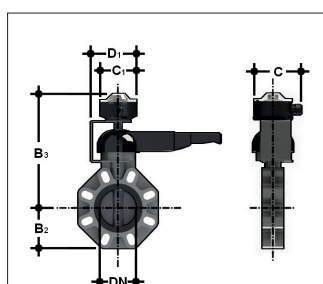


LSQT

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 valves, 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                                                                   |

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



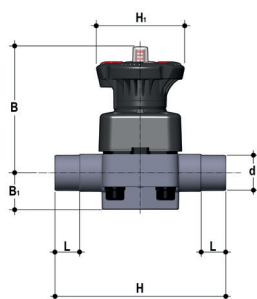
Adaptor voor opbouw aandrijving (elektrisch / pneumatisch) ISO 5211  
Adaptateur pour montage actuateur (electrique / pneumatique) ISO 5211  
Adaptor for mounting of actuator (electrical / pneumatic) ISO 5211

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



kranen  
vannes  
valves

PVDF-SOLEF®

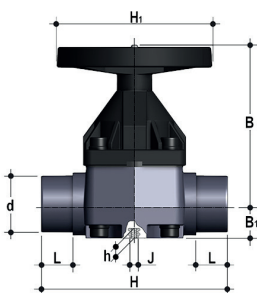


DKDF

MEMBRAANKRANEN  
VANNES A MEMBRANE  
DIAPHRAGM VALVES

PN 10

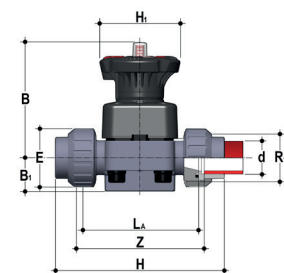
Uitwendige lasmoffen.  
Bouts mâles à souder.  
Exterior welding sleeves.



VMDF - DN 80-100

| D    | DN  | L  | H   | H <sub>1</sub> | B   | B <sub>1</sub> | G/ST/PC | EPDM    | €/ST/PC<br>FPM | PTFE    |
|------|-----|----|-----|----------------|-----|----------------|---------|---------|----------------|---------|
| 20   | 15  | 16 | 124 | 80             | 102 | 25             | 497     | 136.28  | 186.36         | 208.15  |
| 25   | 20  | 19 | 144 | 80             | 105 | 30             | 527     | 141.44  | 194.08         | 214.60  |
| 32   | 25  | 22 | 154 | 80             | 114 | 33             | 756     | 163.19  | 214.60         | 233.89  |
| 40   | 32  | 26 | 174 | 80             | 119 | 30             | 817     | 266.04  | 350.81         | 375.30  |
| 50   | 40  | 31 | 194 | 120            | 147 | 35             | 1700    | 305.91  | 391.96         | 416.43  |
| 63   | 50  | 38 | 224 | 120            | 172 | 46             | 2693    | 386.79  | 529.46         | 525.58  |
| 75   | 65  | 44 | 284 | 120            | 172 | 46             | 2871    | 464.14  | 635.31         | 630.66  |
| * 90 | 80  | 51 | 300 | 215            | 225 | 55             | 7778    | 1422.77 | 1843.64        | 1620.08 |
| *110 | 100 | 61 | 300 | 250            | 295 | 69             | 11637   | 1809.23 | 2512.09        | 2052.81 |

\* PTFE: PN 6 / TYPE VMDF



DKUIF

MEMBRAANKRANEN  
VANNES A MEMBRANE  
DIAPHRAGM VALVES

PN 10

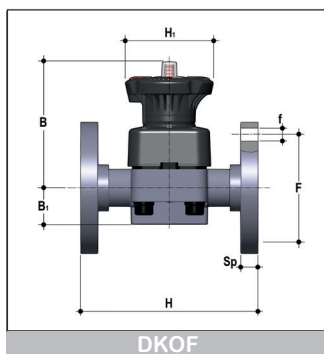
Aansluiting met driedelige koppelingen.  
Raccordement à raccords-union 3 pièces.  
Connection with socket unions.

| 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 | EPDM   | €/ST/PC<br>FPM | PTFE   |
|----|----|-----|----------------|----|-----|----------------|----------------|----------------|-----|---------|--------|----------------|--------|
| 20 | 15 | 102 | 25             | 41 | 128 | 80             | 90             | 1"             | 101 | 1054    | 183.80 | 233.89         | 255.75 |
| 25 | 20 | 105 | 30             | 50 | 150 | 80             | 108            | 1 1/4"         | 119 | 1125    | 194.08 | 246.78         | 267.31 |
| 32 | 25 | 114 | 33             | 58 | 163 | 80             | 116            | 1 1/2"         | 127 | 1185    | 231.33 | 282.73         | 301.93 |
| 40 | 32 | 119 | 30             | 72 | 184 | 80             | 134            | 2"             | 145 | 2086    | 368.80 | 453.59         | 478.03 |
| 50 | 40 | 147 | 35             | 79 | 210 | 120            | 154            | 2 1/4"         | 165 | 2173    | 427.94 | 512.77         | 537.17 |
| 63 | 50 | 172 | 46             | 98 | 248 | 120            | 184            | 2 3/4"         | 195 | 3447    | 553.89 | 696.47         | 692.69 |

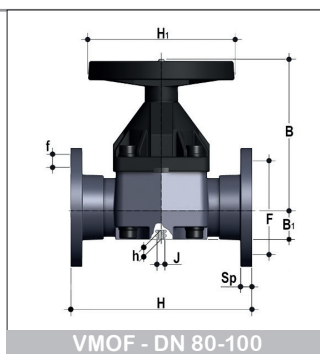


kranen  
vannes  
valves

PVDF-SOLEF®



DKOF



VMOF - DN 80-100

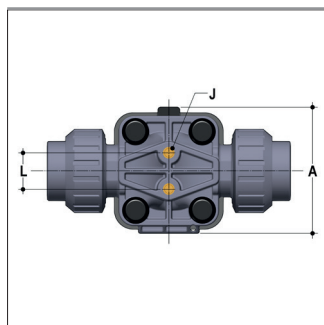
MEMBRAANKRANEN  
VANNES A MEMBRANE  
DIAPHRAGM VALVES

PN 10

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

| d    | DN  | B   | B1 | H   | H1  | F   | f  | Sp   | U | G/ST/PC | €/ST/PC |         |         |
|------|-----|-----|----|-----|-----|-----|----|------|---|---------|---------|---------|---------|
|      |     |     |    |     |     |     |    |      |   |         | EPDM    | FPM     | PTFE    |
| 20   | 15  | 102 | 25 | 130 | 80  | 65  | 14 | 13.5 | 4 | 810     | 246.38  | 296.48  | 318.24  |
| 25   | 20  | 105 | 30 | 150 | 80  | 75  | 14 | 13.5 | 4 | 862     | 256.34  | 308.98  | 329.45  |
| 32   | 25  | 114 | 33 | 160 | 80  | 85  | 14 | 14.0 | 4 | 1141    | 283.45  | 334.87  | 354.13  |
| 40   | 32  | 119 | 30 | 180 | 80  | 100 | 18 | 14.0 | 4 | 1532    | 445.28  | 530.06  | 554.52  |
| 50   | 40  | 147 | 35 | 200 | 120 | 110 | 18 | 16.0 | 4 | 2481    | 492.43  | 578.55  | 602.92  |
| 63   | 50  | 172 | 46 | 230 | 120 | 125 | 18 | 16.0 | 4 | 3690    | 641.53  | 784.28  | 780.35  |
| 75   | 65  | 225 | 55 | 290 | 120 | 145 | 18 | 21.0 | 4 | 4263    | 834.06  | 1019.51 | 1014.42 |
| * 90 | 80  | 225 | 55 | 310 | 200 | 160 | 18 |      | 8 | 9151    | 1822.75 | 2243.66 | 2020.03 |
| *110 | 100 | 295 | 69 | 350 | 250 | 180 | 18 |      | 8 | 13997   | 2283.34 | 2986.20 | 2526.93 |

\* PTFE: PN 6 / TYPE VMOF



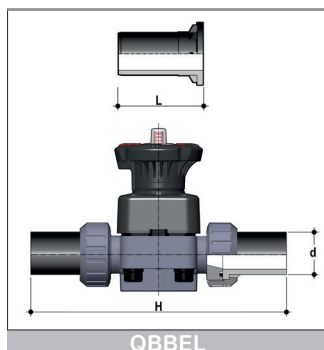
MONTAGEPLAAT  
PLATINE  
MOUNTING PLATE

| 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



QBDEL

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   |





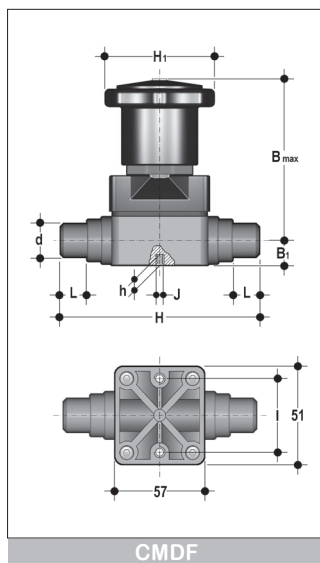
kranen  
vannes  
valves

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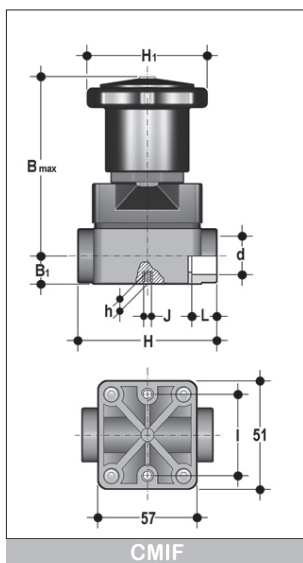
MEMBRAANAFSLUITERS  
ROBINETS A MEMBRANE  
DIAPHRAGM COCKS

PN 6

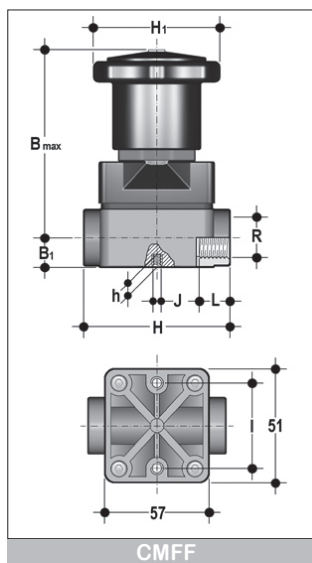
Volgens normen ISO-BS-ASTM.  
Selon les normes ISO-BS-ASTM.  
According to standards ISO-BS-ASTM.



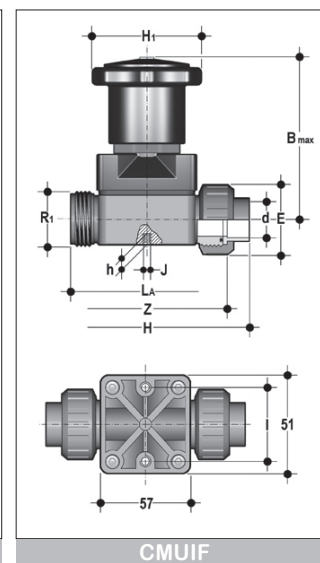
CMDF



CMIF



CMFF



CMUIF

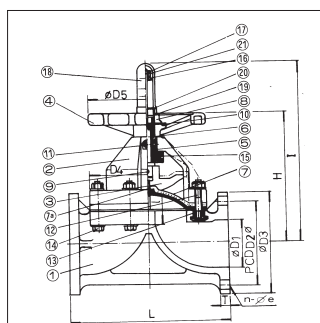
| CODE  | D/R  | DN | B<br>max. | B1 | H1   | H   | h | I  | J  | L/LA | g   | z    | R1 | E  | €/ST/PC |        |         |
|-------|------|----|-----------|----|------|-----|---|----|----|------|-----|------|----|----|---------|--------|---------|
|       |      |    |           |    |      |     |   |    |    |      |     |      |    |    | EPDM    | FPM    | CR+PTFE |
| CMDF  | 20   | 15 | 86        | 15 | 58.5 | 124 | 8 | 35 | M5 | 17   | 270 |      |    |    | 142.67  | 153.27 | 159.80  |
| CMIF  | 16   | 12 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5 | 14   | 240 |      |    |    | 102.92  | 110.24 | 122.03  |
| CMIF  | 20   | 15 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5 | 16   | 240 |      |    |    | 114.79  | 135.34 | 148.36  |
| CMFF  | 3/8" | 12 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5 | 11.5 | 240 |      |    |    | 102.92  | 110.24 | 122.03  |
| CMFF  | 1/2" | 15 | 86        | 15 | 58.5 | 75  | 8 | 35 | M5 | 15.0 | 240 |      |    |    | 114.79  | 135.34 | 148.36  |
| CMUIF | 20   | 15 | 86        | -  | 58.5 | 130 | 8 | 35 | M5 | 90   | 255 | 97.5 | 1" | 41 | 150.09  | 160.21 | 167.03  |



VAOF

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

Aansluiting met flenzen. Membraan : PTFE. Prijzen op aanvraag  
Raccordement à brides. Membrane : PTFE. Prix sur demande  
Flange connection. Diaphragm : PTFE. Prices on request



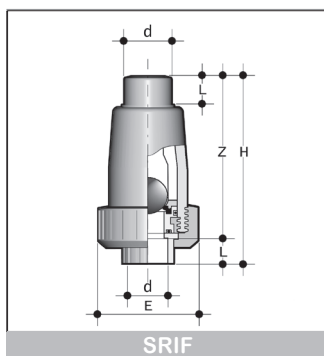
| D       | DN  | PN   |      | L   | D   | D <sup>2</sup> | D <sup>3</sup> | H   | I   | T  | e  | n  | KG/<br>ST/PC |
|---------|-----|------|------|-----|-----|----------------|----------------|-----|-----|----|----|----|--------------|
|         |     | EPDM | PTFE |     |     |                |                |     |     |    |    |    |              |
| 125/140 | 125 | 8    | 7    | 400 | 125 | 210            | 250            | 308 | 420 | 23 | 18 | 8  | 23.4         |
| 160/180 | 150 | 8    | 5    | 480 | 148 | 240            | 285            | 334 | 476 | 27 | 23 | 8  | 36.6         |
| 200/225 | 200 | 3    | 2    | 600 | 196 | 295            | 340            | 419 | 627 | 34 | 23 | 8  | 57.0         |
| 250/280 | 250 | 3    | 2    | 730 | 247 | 350            | 385            | 510 | 778 | 36 | 23 | 12 | 107.0        |





kranen  
vannes  
valves

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KOGELTERUGSLAGKLEPPEN  
CLAPETS DE RETENUE A BILLE  
BALL CHECK VALVES

**PN 16**

Uitwendige mofaansluiting boven en inwendige mofaansluiting onder. Afdichting :FPM-ringen.  
In verticale positie gebruiken. Op aanvraag : met flensaansluiting (SROF).

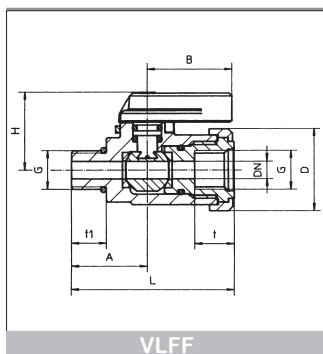
Avec raccords-unions série métrique, à souder par fusion. Etanchéité : joints FPM.  
Ne monter les clapets qu'en position verticale. Sur demande : avec raccordement à brides  
(SROF).

With metric series end for socket welding. Seals :FPM rings.  
Use only in vertical position. On request : with flange connection (SROF).

| d         | DN | E   | L  | Z   | H   | G/ST/PC | €/ST/PC<br>FPM |
|-----------|----|-----|----|-----|-----|---------|----------------|
| <b>20</b> | 15 | 54  | 16 | 88  | 104 | 150     | <b>131.16</b>  |
| <b>25</b> | 20 | 65  | 19 | 106 | 125 | 260     | <b>161.23</b>  |
| <b>32</b> | 25 | 74  | 22 | 126 | 148 | 390     | <b>187.61</b>  |
| <b>40</b> | 32 | 86  | 26 | 145 | 171 | 600     | <b>328.00</b>  |
| <b>50</b> | 40 | 98  | 31 | 158 | 189 | 820     | <b>353.46</b>  |
| <b>63</b> | 50 | 119 | 38 | 184 | 222 | 1420    | <b>597.56</b>  |

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LABO KOGELKRANEN  
ROBINETS A BILLE DE LABARATOIRE  
LABORATORY BALL VALVES

**PN 10**

Binnendraad x buitendraad 1/4", inclusief aansluitset met slangpilaar, dubbele nippel en eind-stop.

Dichtingen : FPM, kogelzitting : PTFE.

Filetage intérieur x filetage extérieur, 1/4" inclusif set de branchement avec douille, nipple double et bouchon.

Joints : FPM, anneau d'étanchéité : PTFE.

Female thread x male thread. 1/4" including connection set with hose nozzle, double nipple and plug.

Seals : FPM, ball seat : PTFE.

| DN | G        | A    | B  | D  | H    | L    | M    | N    | t    | t <sub>1</sub> | €/ST/PC |
|----|----------|------|----|----|------|------|------|------|------|----------------|---------|
| 6  | 1/4" BSP | 26.0 | 29 | 28 | 26.5 | 56.0 | 43.0 | 16.0 | 13.5 | 12.0           | 57.78   |
| 6  | 3/8" BSP | 26.0 | 29 | 28 | 26.5 | 56.0 | 43.0 | 16.0 | 13.5 | 12.0           | 57.78   |
| 6  | 1/4" NPT | 28.5 | 29 | 28 | 26.5 | 58.5 | 45.5 | 18.5 | 13.5 | 14.5           | 57.78   |



VR

TERUGSLAGKLEPPEN MET SCHUINE ZITTING  
CLAPTES DE RETENUE A SIEGE INCLINEE  
ANGLE SEAT CHECK VALVES

**PN 16**

Met vaste laseinden (VRDF), 3-delige koppelingen met lange IR spiegellaseinden (VRUBF) of opgeschroefde FRP flenzen ISO-DIN (VROF).

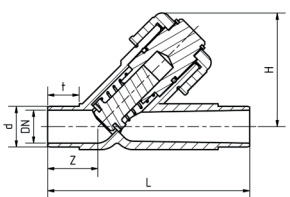
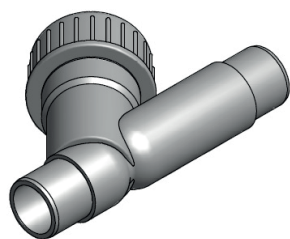
Veerbelast (FEP omwikkelde veer), dichtingen EPDM of FPM.

Raccordements par embouts lisses, mâles à souder (VRDF), raccords union à embouts long pour soudage bout à bout IR (VRUBF) ou à brides filetées FRP ISO-DIN (VROF).

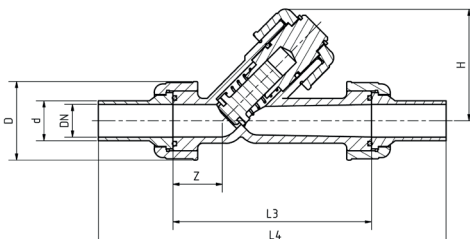
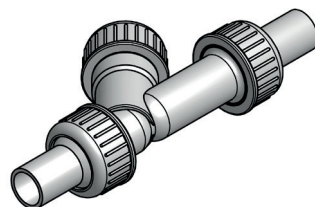
Avec ressort (FEP encapsulé), joints d'étanchéité en EPDM ou FPM.

Male spigot ends (VRDF), union ends with long male connectors for IR butt welding (VRUBF) or screwed FRP flanges ISO-DIN (VROF).

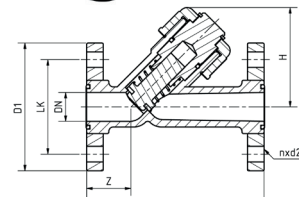
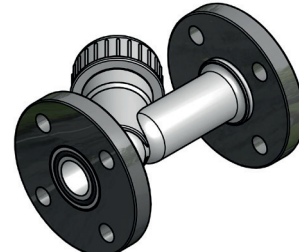
Spring loaded (FEP coated), seals in EPDM or FPM.



VRDF



VRUBF



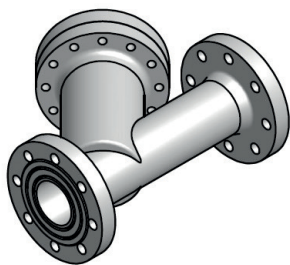
VROF

| d  | DN | Z  | t  | H   | L   | L3  | L4  | D   | LK  | D1                      | n x d2  | Kv<br>l/min<br>Δp=1bar |
|----|----|----|----|-----|-----|-----|-----|-----|-----|-------------------------|---------|------------------------|
|    |    |    |    |     |     |     |     |     |     | DIN EN 1092-1 / DIN2501 |         |                        |
| 20 | 15 | 36 | 15 | 75  | 123 | 130 | 238 | 42  | 65  | 95                      | 4 x ø14 | 95                     |
| 25 | 20 | 36 | 16 | 80  | 143 | 150 | 264 | 48  | 75  | 105                     | 4 x ø14 | 180                    |
| 32 | 25 | 41 | 18 | 90  | 153 | 160 | 280 | 68  | 85  | 115                     | 4 x ø14 | 327                    |
| 40 | 32 | 45 | 20 | 110 | 173 | 180 | 306 | 85  | 100 | 140                     | 4 x ø18 | 484                    |
| 50 | 40 | 51 | 23 | 128 | 195 | 200 | 332 | 85  | 110 | 150                     | 4 x ø18 | 725                    |
| 63 | 50 | 60 | 27 | 150 | 220 | 230 | 358 | 102 | 125 | 165                     | 4 x ø18 | 1130                   |

| d  | DN | VRDF    |                 |                | VRUBF   |                 |                | VROF    |                 |                |
|----|----|---------|-----------------|----------------|---------|-----------------|----------------|---------|-----------------|----------------|
|    |    | G/ST/PC | EPDM<br>€/ST/PC | FPM<br>€/ST/PC | G/ST/PC | EPDM<br>€/ST/PC | FPM<br>€/ST/PC | G/ST/PC | EPDM<br>€/ST/PC | FPM<br>€/ST/PC |
| 20 | 15 | 510     | 338.34          | 342.65         | 970     | 415.34          | 447.06         | 980     | 351.12          | 382.69         |
| 25 | 20 | 580     | 355.59          | 366.52         | 1150    | 446.60          | 489.87         | 1210    | 373.91          | 417.03         |
| 32 | 25 | 850     | 449.37          | 462.46         | 1590    | 546.85          | 602.00         | 1800    | 475.40          | 530.22         |
| 40 | 32 | 1390    | 608.92          | 628.78         | 2660    | 720.41          | 792.00         | 2780    | 633.86          | 705.63         |
| 50 | 40 | 2250    | 927.39          | 960.35         | 3420    | 1061.68         | 1148.38        | 3890    | 938.17          | 1024.56        |
| 63 | 50 | 3760    | 1341.96         | 1396.78        | 5520    | 1500.58         | 1618.23        | 5840    | 1339.95         | 1458.07        |

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vannes  
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VROF

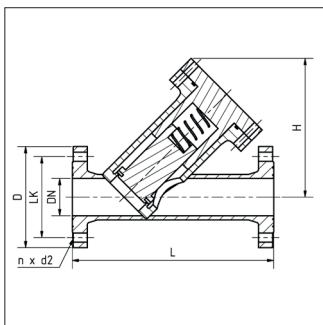
TERUGSLAGKLEPPEN MET SCHUINE ZITTING GROTE DIAMETERS  
CLAPTES DE RETENUE A SIEGE INCLINEEU EN GRAND DIAMETRES  
ANGLE SEAT CHECK VALVES BIG DIAMETERS

**PN 6**

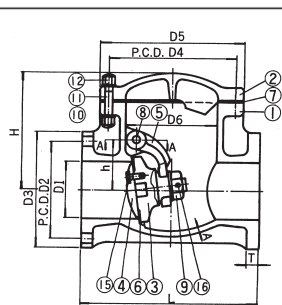
Met vaste flenzen volgens DIN EN 1092-1, DIN2501 PN10.  
Veerbelast (FEP omwikkelde veer), dichtingen EPDM of FPM.

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

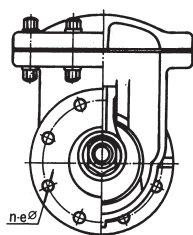
Fixed flanges acc to DIN EN1092-1, DIN2501 PN10.  
Spring loaded (FEP coated), seals in EPDM or FPM.



| 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 |
|-------------------------|-----|-----|-----|-----|-----|----------------------|---------------------------------------|---------|-----------------|----------------|
| DIN EN 1092-1 / DIN2501 |     |     |     |     |     |                      |                                       |         |                 |                |
| 75                      | 65  | 260 | 370 | 145 | 185 | 4 x $\varnothing 18$ | 500                                   | 10000   | 3864            | 4294           |
| 90                      | 80  | 275 | 410 | 160 | 200 | 8 x $\varnothing 18$ | 1000                                  | 14000   | 4146            | 4865           |
| 110                     | 100 | 325 | 440 | 180 | 220 | 8 x $\varnothing 18$ | 1600                                  | 17000   | 8544            | 9208           |
| 160                     | 150 | 430 | 600 | 240 | 285 | 8 x $\varnothing 22$ | 4500                                  | 24000   | 16757           | 16911          |



SCOF



SCOF

SWING TERUGSLAGKLEPPEN  
CLAPETS DE RETENUE SWING  
SWING CHECK VALVES

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

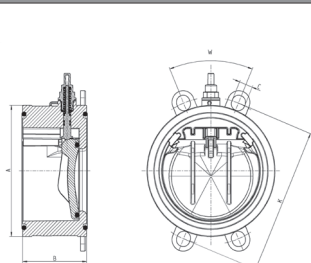
| DN  | A   | B   | H   | L   | T  | PN*<br>BAR | G/ST/PC |
|-----|-----|-----|-----|-----|----|------------|---------|
| 20  | 105 | 86  | 90  | 140 | 15 | 6          | 870     |
| 25  | 115 | 130 | 120 | 160 | 15 | 6          | 1780    |
| 40  | 150 | 145 | 138 | 180 | 16 | 6          | 3000    |
| 50  | 165 | 180 | 164 | 200 | 17 | 6          | 4500    |
| 65  | 185 | 205 | 171 | 260 | 20 | 6          | 5700    |
| 80  | 200 | 205 | 171 | 260 | 20 | 5          | 6600    |
| 100 | 220 | 265 | 213 | 300 | 23 | 5          | 11400   |
| 125 | 250 | 330 | 238 | 350 | 25 | 4          | 19600   |
| 150 | 285 | 370 | 268 | 400 | 30 | 3          | 25000   |
| 200 | 340 | 425 | 306 | 500 | 31 | 3          | 40800   |

\* werkdruk bij 20°C

\* pression de travail à 20°C

\* working pressure at 20°C

Prijzen op aanvraag / prix sur demande / price on request



TYPE K4

TERUGSLAGKLEPPEN  
CLAPETS DE RETENUE  
CHECK VALVES

**PN 10**

Met standaardwijzer

Opening tot 85°, dichting EPDM of FPM

Verbinding d.m.v. kraag / flens

Leverbaar met veer voor werkdruk van 3 en 6 bar

Avec indicateur de position.

Ouverture jusqu'à 85°, joint EPDM ou FPM

Raccordement avec collet / bride.

Livable avec ressort pour pression de 3 à 6 bar.

With position indicator

Opening up to 85°, gasket EPDM or FPM

Connection by stub flange / flange

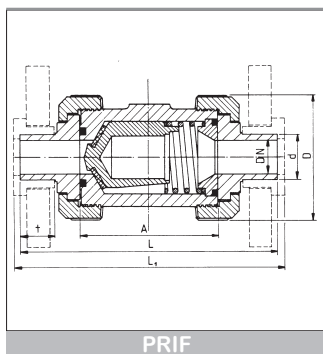
With spring for pressure 3 to 6 bar.

| 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.

kranen  
vannes  
valves

PVDF-SOLEF®



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

Vrouwelijke lasuiteinden (PRIF), mannelijke lasuiteinden (PRDF), draadaansluiting (PRFF), flensaansluiting (PROF).

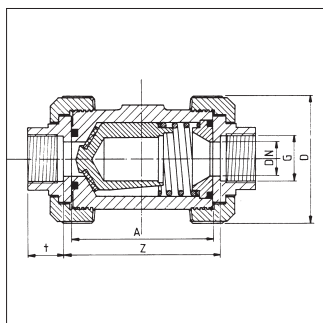
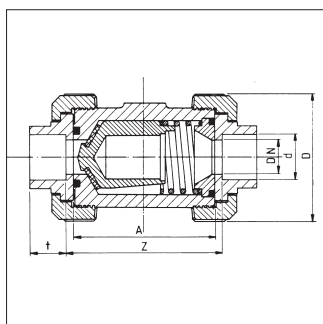
Dichtingen: EPDM, FPM, Veer: WSt 1.4401 met PTFE coating.

Bouts femelles à souder (PRIF), bouts mâles à souder (PRDF), filetage femelle (PRFF), à brides (PROF).

Joints: EPDM, FPM Ressort: WSt 1.4401 enrobé avec PTFE.

Welding sockets (PRIF), welding spigots (PRDF), threaded sockets (PRFF), with flanges (PROF).

Seals: EPDM, FPM, spring: WSt 1.4401 with PTFE coating.



| D   | DN | G      | L   | L1  | A   | Z     | t    | D     | PN |
|-----|----|--------|-----|-----|-----|-------|------|-------|----|
| 16  | 10 | 3/8"   | 114 | 120 | 62  | 71.0  | 14.5 | 52.5  | 16 |
| 20  | 15 | 1/2"   | 124 | 130 | 62  | 67.5  | 16.0 | 52.5  | 16 |
| 25  | 20 | 3/4"   | 144 | 150 | 69  | 79.0  | 17.0 | 62.0  | 16 |
| 32  | 25 | 1"     | 154 | 160 | 73  | 84.0  | 19.5 | 69.5  | 16 |
| 40  | 32 | 1 1/4" | 174 | 180 | 83  | 96.0  | 22.0 | 84.0  | 16 |
| 50  | 40 | 1 1/2" | 194 | 200 | 94  | 114.0 | 25.0 | 100.0 | 16 |
| 63  | 50 | 2"     | 224 | 230 | 108 | 134.0 | 29.0 | 120.0 | 16 |
| 75  | 65 | 2 1/2" | 284 | 290 | 133 | 162.0 | 34.5 | 155.0 | 16 |
| 90  | 80 | 3"     | 300 | 310 | 160 | 208.0 | 38.5 | 187.0 | 10 |
| 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.



RV

### VUILVANGERS FILTRES A TAMIS SEDIMENT STRAINERS

#### PN 16

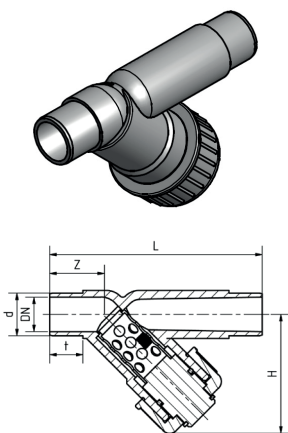
Met vaste laseinden RVDF), 3-delige koppelingen met lange IR spiegellaseinden (RVUBF) of opgeschroefde FRP flenzen ISO-DIN (RVOF).

Standaard maaswijdte 0,5mm, andere op aanvraag, dichtingen EPDM of FPM.

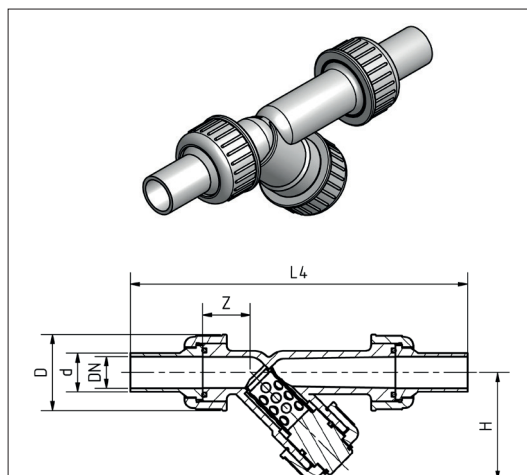
Raccordements par embouts lisses, mâles à souder (RVDF), raccords union à embouts long pour soudage bout à bout IR (RVUBF) ou à brides filetées FRP ISO-DIN (RVOF).  
Trame du filtre 0,5mm, autres sur demande, joints d'étanchéité en EPDM ou FPM.

Male spigot ends (RVDF), union ends with long male connectors for IR butt welding (RVUBF) or screwed FRP flanges ISO-DIN (RVOF).

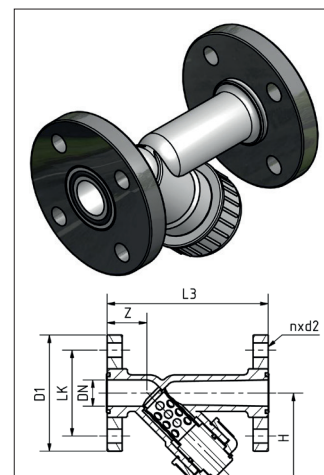
Standard mesh 0,5mm, others on request, seals in EPDM or FPM.



RVDF



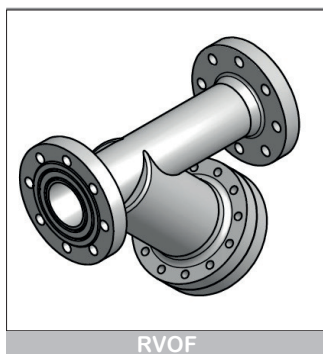
RVUBF



RVOF

| d  | DN | Z  | t  | H   | L   | L3  | L4  | D   | LK                      | D1  | n x d2  | Kv<br>l/min<br>Δp=1bar |
|----|----|----|----|-----|-----|-----|-----|-----|-------------------------|-----|---------|------------------------|
|    |    |    |    |     |     |     |     |     | DIN EN 1092-1 / DIN2501 |     |         |                        |
| 20 | 15 | 36 | 15 | 115 | 123 | 130 | 238 | 42  | 65                      | 95  | 4 x ø14 | 35                     |
| 25 | 20 | 36 | 16 | 115 | 143 | 150 | 264 | 48  | 75                      | 105 | 4 x ø14 | 65                     |
| 32 | 25 | 41 | 18 | 126 | 153 | 160 | 280 | 68  | 85                      | 115 | 4 x ø14 | 90                     |
| 40 | 32 | 45 | 20 | 160 | 173 | 180 | 306 | 85  | 100                     | 140 | 4 x ø18 | 155                    |
| 50 | 40 | 51 | 23 | 174 | 195 | 200 | 332 | 85  | 110                     | 150 | 4 x ø18 | 225                    |
| 63 | 50 | 60 | 27 | 209 | 220 | 230 | 358 | 102 | 125                     | 165 | 4 x ø18 | 370                    |

| d  | DN | RVDF    |                 |                | RVUBF   |                 |                | RVOF    |                 |                |
|----|----|---------|-----------------|----------------|---------|-----------------|----------------|---------|-----------------|----------------|
|    |    | G/ST/PC | EPDM<br>€/ST/PC | FPM<br>€/ST/PC | G/ST/PC | EPDM<br>€/ST/PC | FPM<br>€/ST/PC | G/ST/PC | EPDM<br>€/ST/PC | FPM<br>€/ST/PC |
| 20 | 15 | 500     | 347.12          | 351.43         | 950     | 423.35          | 455.22         | 1000    | 358.98          | 390.70         |
| 25 | 20 | 600     | 368.83          | 377.61         | 1130    | 454.30          | 497.42         | 1250    | 383.92          | 427.20         |
| 32 | 25 | 800     | 469.40          | 475.86         | 1510    | 559.33          | 614.15         | 1690    | 487.72          | 542.70         |
| 40 | 32 | 1300    | 615.23          | 624.01         | 2560    | 716.25          | 787.71         | 2850    | 629.55          | 701.32         |
| 50 | 40 | 2200    | 947.25          | 956.03         | 3300    | 1057.83         | 1144.37        | 3830    | 934.17          | 1020.56        |
| 63 | 50 | 3500    | 1376.76         | 1389.85        | 5220    | 1495.20         | 1612.69        | 5620    | 1333.95         | 1451.76        |



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

**PN 6**

Met vaste flenzen volgens DIN EN 1092-1, DIN2501 PN10.

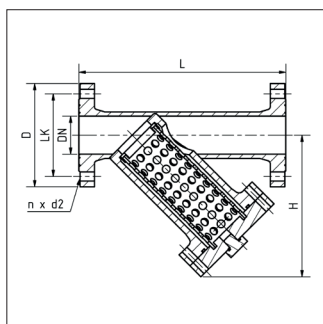
ETFE filter, standaard maaswijdte 2,0mm, andere op aanvraag, dichtingen EPDM of FPM.

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.

Fixed flanges acc to DIN EN1092-1, DIN2501 PN10.

ETFE filter, standard mesh 2,0mm, others on request, 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 |
|-------------------------|-----|-----|-----|-----|-----|----------------------|---------------------------------------|---------|-----------------|----------------|
| DIN EN 1092-1 / DIN2501 |     |     |     |     |     |                      |                                       |         |                 |                |
| 75                      | 65  | 260 | 370 | 145 | 185 | 4 x $\varnothing 18$ | 500                                   | 10000   | 3684            | 3775           |
| 90                      | 80  | 275 | 410 | 160 | 200 | 8 x $\varnothing 18$ | 1000                                  | 13000   | 4146            | 4229           |
| 110                     | 100 | 325 | 490 | 180 | 220 | 8 x $\varnothing 18$ | 1600                                  | 16000   | 8544            | 8640           |
| 140                     | 125 | 380 | 550 | 210 | 250 | 8 x $\varnothing 22$ | 3000                                  | 25000   | 16757           | 16911          |
| 160                     | 150 | 430 | 600 | 295 | 285 | 8 x $\varnothing 22$ | 4500                                  | -       | -               | -              |
| 225                     | 200 | 550 | 700 | 350 | 340 | 8 x $\varnothing 22$ | 10000                                 | -       | -               | -              |

**Op aanvraag :**

- Diam. tot DN200
- Versterkte versie met glasvezel versterking
- Manometeraansluiting op de filteruitgang /
- Aftapkraan
- Snelsluitsysteem

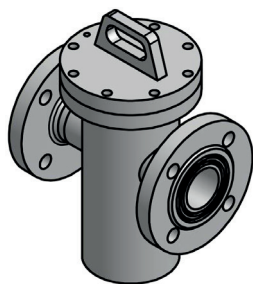
**Sur demande :**

- Diam. jusqu'à DN200
- Version avec renforcement en fibres de verre
- Perçage pour manomètre
- Vanne de purge
- Tendeurs rapides

**On request :**

- Diam. up to DN200
- Fiberglass reinforced version
- Pressure gauge port
- Drainvalve
- Quick release clamps





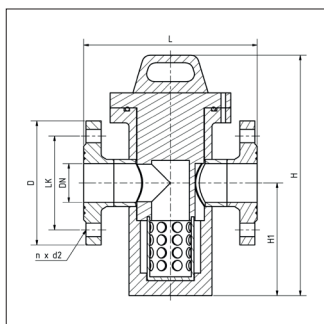
BSOF

### 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                                   | 7000    | 3367            | 3464           |
| 75  | 65  | 6  | 450 | 250 | 255 | 145 | 185 | 4 x $\varnothing 18$ | 500                                   | 10000   | 3499            | 3585           |
| 90  | 80  | 6  | 480 | 270 | 270 | 160 | 200 | 8 x $\varnothing 18$ | 1000                                  | 13000   | 3940            | 4018           |
| 110 | 100 | 6  | 573 | 285 | 350 | 180 | 220 | 8 x $\varnothing 18$ | 1600                                  | 16000   | 8116            | 8207           |
| 140 | 125 | 6  | 620 | 365 | 400 | 210 | 250 | 8 x $\varnothing 22$ | 3000                                  | 25000   | 15919           | 16067          |
| 160 | 150 |    | 690 | 410 | 450 | 295 | 285 | 8 x $\varnothing 22$ | 4500                                  | -       | -               | -              |
| 225 | 200 |    | 875 | 555 | 520 | 350 | 340 | 8 x $\varnothing 22$ | 10000                                 | -       | -               | -              |

#### Op aanvraag :

- Diameters tot DN200
- Versterkte versie met glasvezel versterking
- Manometeraansluiting op de filteruitgang
- Aftapkraan
- Snelsluitsysteem

#### Sur demande:

- Diamètres jusqu'à DN200
- Version avec renforcement en fibres de verre
- Perçage pour manomètre
- Vanne de purge
- Tendeurs rapides

#### On request:

- Sizes up to DN200
- Fiberglass reinforced version
- Pressure gauge port
- Drainvalve
- Quick release clamps

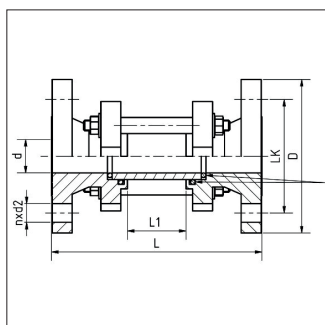


### KIJKGLAZEN REGARDS DE COULEE INSPECTION GLASSES

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.



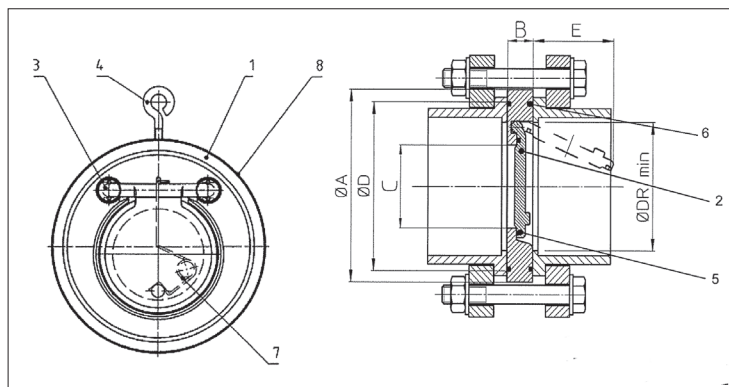
| d   | DN  | PN | L   | L1  | LK                      | D   | n x d2  | G/ST/PC | €/ST/PC | €/ST/PC |
|-----|-----|----|-----|-----|-------------------------|-----|---------|---------|---------|---------|
|     |     |    |     |     | DIN EN 1092-1 / DIN2501 |     |         |         | EPDM    | FPM     |
| 20  | 15  | 10 | 140 | 26  | 65                      | 95  | 4 x ø14 | 1000    | 665.28  | 703.78  |
| 25  | 20  | 10 | 150 | 36  | 75                      | 105 | 4 x ø14 | 1600    | 688.38  | 733.04  |
| 32  | 25  | 10 | 160 | 46  | 85                      | 115 | 4 x ø14 | 1500    | 723.80  | 771.54  |
| 40  | 32  | 10 | 180 | 58  | 100                     | 140 | 4 x ø18 | 1800    | 782.32  | 828.52  |
| 50  | 40  | 10 | 200 | 70  | 110                     | 150 | 4 x ø18 | 2400    | 964.04  | 1022.56 |
| 63  | 50  | 10 | 230 | 92  | 125                     | 165 | 4 x ø18 | 2900    | 1304.84 | 1370.60 |
| 75  | 65  | 7  | 290 | 116 | 145                     | 185 | 4 x ø18 | 4500    | 1860.32 | 1928.08 |
| 90  | 80  | 7  | 310 | 126 | 160                     | 200 | 8 x ø18 | 6300    | 2018.94 | 2099.02 |
| 110 | 90  | 6  | 350 | 160 | 180                     | 220 | 8 x ø18 | 7000    | 2597.98 | 2722.72 |
| 140 | 125 | 5  | 400 | 196 | 210                     | 250 | 8 x ø18 | 16600   | 3258.64 | 3384.92 |
| 160 | 150 | 5  | 480 | 244 | 240                     | 285 | 8 x ø22 | 16000   | 4761.68 | 4900.28 |



kranen  
vannes  
valves

PVDF-SOLEF®

VLINDERTERUGSLAGKLEPPEN  
CLAPETS DE RETENUE PAPILLON UNVM - TYPE 34  
BUTTERFLY VALVES - UNVM



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 geschikt voor pulserende stromingen.  
Dichtingen : FPM of PTFE.  
Veer : RVS 316 of Hastelloy

Egalement disponibles pour brides ASA 150.  
Ces vannes de retenue ne conviennent pas pour des flux pulsés.  
Jointes : NBR, EPDM, FPM ou PTFE.  
Ressort : Inox 316 ou Hastelloy

Also available to fir ASA 150 backing flanges.  
These valves are not suitable for pulsating flows.  
Seals : NBR, EPDM, FPM or PTFE.  
Spring : AISI 316 or Hastelloy

| DN  | A   | B  | C   | D   | E   | F  | DR  | PN |
|-----|-----|----|-----|-----|-----|----|-----|----|
| 40  | 95  | 16 | 22  | 72  | 25  | 28 | 43  | 8  |
| 50  | 109 | 18 | 32  | 86  | 37  | 29 | 54  | 8  |
| 65  | 129 | 20 | 40  | 105 | 50  | 31 | 70  | 8  |
| 80  | 144 | 20 | 54  | 119 | 61  | 32 | 82  | 8  |
| 100 | 164 | 23 | 70  | 146 | 77  | 31 | 106 | 8  |
| 125 | 195 | 23 | 92  | 173 | 94  | 35 | 131 | 8  |
| 150 | 220 | 26 | 105 | 197 | 100 | 40 | 159 | 8  |
| 200 | 275 | 34 | 154 | 255 | 152 | 38 | 207 | 8  |
| 250 | 330 | 40 | 192 | 312 | 180 | 41 | 260 | 8  |
| 300 | 380 | 45 | 227 | 363 | 215 | 41 | 309 | 5  |

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



kranen  
vannes  
valves

PVDF-KYNAR®



27 / DN 15-50  
27A / DN 65-100

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.

Robinet 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.

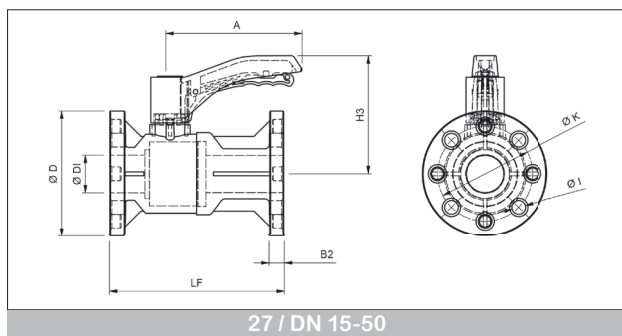
Ball valves for chemical applications. Unique monobloc design provides increased security against leakage. Ball seats and spindle gasket in PTFE. Flanged execution, manual control with lockable lever in plastic.

**Opties / Option :**

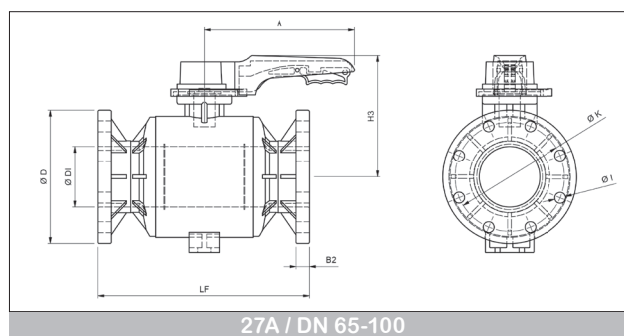
- Pneumatische en elektrische aandrijvingen (+ toebehoren)
- spindelverlengingen voor isolatie
- ATEX uitvoering
- dodemanshendel
- terugmeldingen (open-dicht)

- Actionneurs pneumatiques et électriques (+ accessoires)
- rehausse pour calorifugeage
- exécution ATEX
- levier homme mort
- contacts fin de course (ouvert-fermé)

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



27 / DN 15-50



27A / DN 65-100

| DN  | d   | G      | PN | Kv    | Torque | D   | H3  | A   | LF  | B2   | n x l  | K   | Bouten<br>Boulon<br>Bolts | Torque* | PVDF<br>€/ST/PC<br>FKM FEP |         |
|-----|-----|--------|----|-------|--------|-----|-----|-----|-----|------|--------|-----|---------------------------|---------|----------------------------|---------|
|     |     |        |    | m³/h  | Nm     |     |     |     |     |      |        |     |                           | Nm      |                            |         |
| 15  | 20  | 1/2"   | 10 | 11,1  | 6      | 95  | 115 | 140 | 130 | 13.0 | 4 x 14 | 65  | 4xM12                     | 7,5     | 212.18                     | 279.05  |
| 20  | 25  | 3/4"   | 10 | 21.0  | 6      | 105 | 115 | 140 | 150 | 14.0 | 4 x 14 | 75  | 4xM12                     | 9.0     | 227.81                     | 185.70  |
| 25  | 32  | 1"     | 10 | 42.0  | 8      | 117 | 125 | 140 | 160 | 15.0 | 4 x 14 | 85  | 4xM12                     | 10.0    | 290.98                     | 324.91  |
| 32  | 40  | 1 1/4" | 10 | 60.0  | 12     | 140 | 145 | 175 | 180 | 17.0 | 4 x 18 | 100 | 4xM16                     | 20.0    | 365.90                     | 446.71  |
| 40  | 50  | 1 1/2" | 10 | 96.0  | 12     | 150 | 145 | 175 | 200 | 17,5 | 4 x 18 | 110 | 4xM16                     | 20.0    | 482.16                     | 508.54  |
| 50  | 63  | 2"     | 10 | 186.0 | 19     | 165 | 155 | 175 | 230 | 18.0 | 4 x 18 | 125 | 4xM16                     | 25.0    | 587.50                     | 719.63  |
| 65  | 75  | 2 1/2" | 10 | 300.0 | 18     | 185 | 205 | 250 | 290 | 20.0 | 4 x 18 | 145 | 4xM16                     | 25.0    | 932.57                     | 1153.15 |
| 80  | 90  | 3"     | 10 | 420.0 | 18     | 200 | 205 | 250 | 310 | 20.0 | 8 x 18 | 160 | 8xM16                     | 30.0    | 1327.87                    | 1641.02 |
| 100 | 110 | 4"     | 10 | 840.0 | 40     | 225 | 215 | 250 | 350 | 21.0 | 8 x 18 | 180 | 8xM16                     | 30.0    | 1517.04                    | 1829.58 |

Torque = draaimoment / couple de manoeuvre / torque operation

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