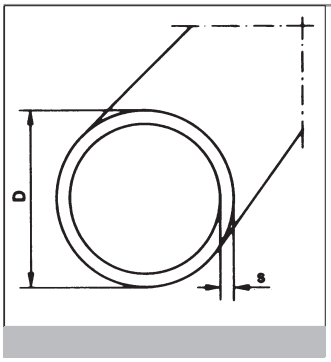


DRUKBUIS
TUYAU DE PRESSION
PRESSURE PIPE

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.

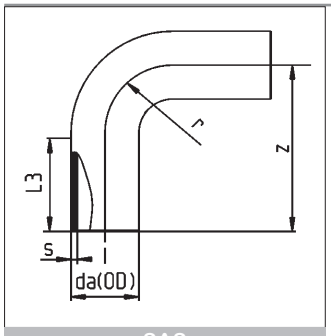
Egalement livrable : PURAD Ultra High Purity - classe 100, ISO-5: Tuyaux et raccords prix + 7%, vannes sur demande.

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

agru

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

PVDF-SOLEF®

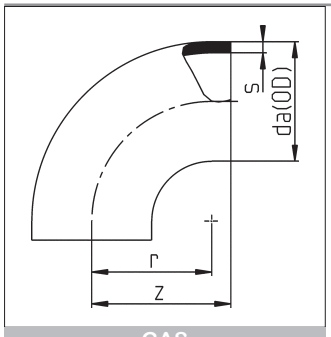


SAS

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 buttwelding / IR + HPF fusion.

D	L3	z	r	SDR 33 / ISO S-16 s	KG/ST/PC	€/ST/PC	SDR 21 / ISO S-10 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**



GAS

BOCHTEN 90°
COUDES 90°
ELBOWS 90°

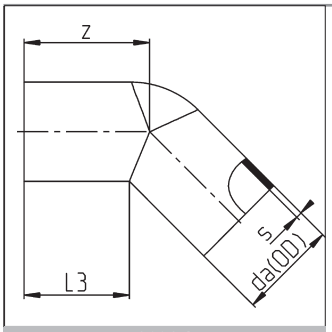
Gespoten.
Injectés.
Moulded.

da	r	z	SDR 33 / ISO S-16 s	KG/ST/PC	€/ST/PC	SDR 21 / ISO S-10 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**			

agru

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

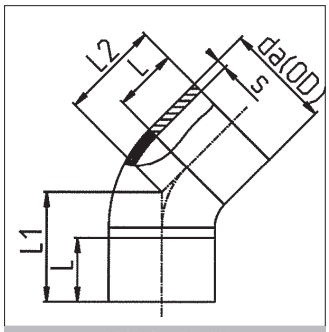
PVDF-SOLEF®



AHAS

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

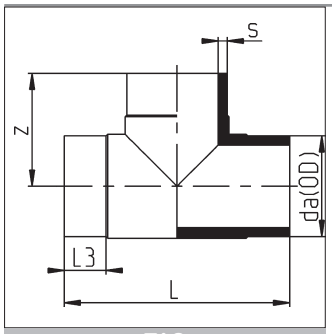
D	l3	Z	SDR 33 / ISO S-16			SDR 21 / ISO S-10		
			s	KG/ST/PC	€/ST/PC	s	KG/ST/PC	€/ST/PC
20	39	43				1.9	0.020	**11.46**
25	40	45				1.9	0.027	**12.62**
32	46	52				2.4	0.051	**18.62**
40	50	58				2.4	0.069	**29.59**
50	56	66				3.0	0.125	**38.91**
63	62	75				3.0	0.177	**61.73**
75	32	50				3.6	0.151	**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**



AHAS - NEW

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



TAS

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

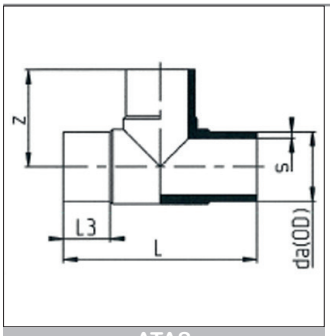
D	L	z	L3	SDR 33 / ISO S-16			SDR 21 / ISO S-10		
				s	KG/ST/PC	€/ST/PC	s	KG/ST/PC	€/ST/PC
20	75	38	25.0				1,9	0.023	**13.02**
25	84	42	25.0				1,9	0.032	**16.44**
32	90	46	25.0				2,4	0.060	**23.73**
40	116	58	31.0				2,4	0.080	**37.85**
50	126	64	31.0				3.0	0.154	**41.64**
63	140	70	31.0				3.0	0.230	**88.87**
75	178	89	42.0				3,6	0.379	**169.70**
90	185	92	36.0	2,8	0.468	**247.42**	4,3	0.618	**291.48**
110	220	110	41.0	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	280	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**			

VINK

agru

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

PVDF-SOLEF®



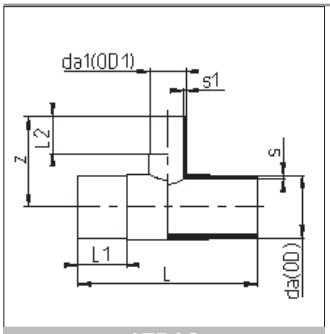
ATAS

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.

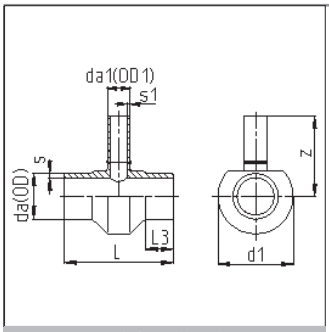
da	da1	z	L	SDR 33 / ISO S-16 s	s1	KG ST/PC	€ ST/PC	SDR 21 / ISO S-10 s	s1	KG ST/PC	€ ST/PC	SDR 33/21 / ISO S-16/10* s	s1	KG ST/PC	€ ST/PC
63	20	70.5	97					3.0	1.9	0.125	**170.15**				
63	25	70.5	102					3.0	1.9	0.133	**170.15**				
63	32	70.5	109					3.0	2.4	0.147	**170.15**				
63	40	70.5	117					3.0	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.

agru

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

PVDF-SOLEF®



TRAS - PURAD

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**

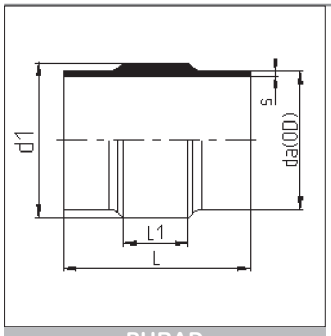
SDR 33/21 - MOP 10 bar

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**

VINK

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

PVDF-SOLEF®

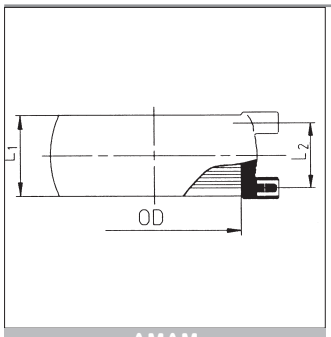


PURAD

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	**106.18**			
***25**	120	50	55	1.9	0.262	**119.10**			
***32**	120	50	60	2.4	0.273	**145.46**			
***40**	120	50	75	2.4	0.416	**180.86**			
***50**	120	50	80	3.0	0.451	**227.20**			
63	120	52	84	3.0	0.410	**248.22**			
***75**	120	50	105	3.6	0.633	**800.23**			
90	149	60	105	4.3	0.719	**334.75**	2.8	0.55	**321.66**
110	150	60	124	5.3	0.811	**419.73**	3.4	0.69	**404.75**
125	158	79	142	6.0	1.240	**639.80**	3.9	1.02	**591.90**
140	158	78	157	6.7	1.470	**736.18**	4.3	1.25	**712.50**
160	158	78	178	7.7	1.820	**895.05**	4.9	1.51	**859.33**
***200**	120	50	224	9.6	3.480	**1510.32**	6.2	2.78	**1510.32**
***225**	130	50	246	10.8	2.569	**1808.69**	6.9	1.93	**1808.69**
***250**	140	50	285	11.9	3.380	**3245.61**	7.7	2.81	**3245.61**
***280**	140	50	298	13.4	3.420	**3355.43**	8.6	2.70	**3355.43**

*** machined**



AMAM

ELECTROLASMOFFEN
MANCHONS ELECTRO-SOUDAGE
ELECTRO-WELDING SLEEVES

Gespoten / Injectés / Moulded.

SDR 21 / ISO S-101

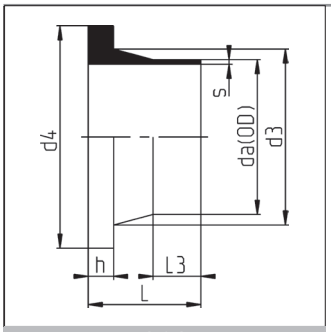
da	L1	L2	KG/ST/PC	€/ST/PC
20	20.0	15	0.018	**22.49**
25	20.0	15	0.019	**23.24**
32	20.5	15	0.022	**25.71**
40	25.0	20	0.035	**27.99**
50	30.0	24	0.048	**29.90**
63	30.0	24	0.061	**38.51**

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

agru

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

PVDF-SOLEF®

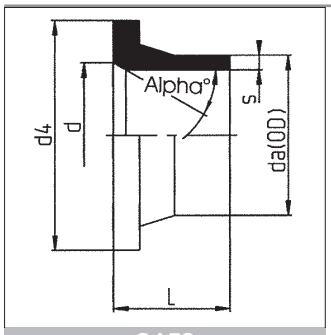


QAS

GESPOTEN VOORLASKRAGEN
COLLETS INJECTES
MOULDED STUBS

Gespoten. / Injectés./ Moulded.

da	d3	d4	L	SDR 33 / ISO S-16 s	L3	h	KG ST/PC	€ ST/PC	SDR 21 / ISO S-10 s	L3	h	KG ST/PC	€ ST/PC
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**					



QAFS

VOORLASKRAGEN VOOR VLINDERKLEPPEN
COLLERETTE CHANFREINEE 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 PP-GFK
BRIDES LIBRES AVEC NOYAU EN ACIER PP-GFK
BACKING FLANGES WITH STEEL INSERT 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

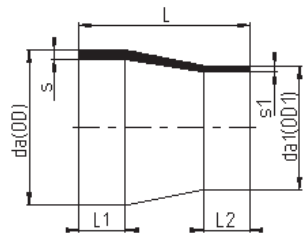
Volgens DIN-norm. boring PN 10. / Selon norme DIN. forage PN 10. / According to DIN. drilled PN 10.
Op aanvraag leverbaar / livrable sur demande /available on request

VINK

agru

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

PVDF-SOLEF®



ACRAS

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

Gespoten.
Injectés.
Moulded.

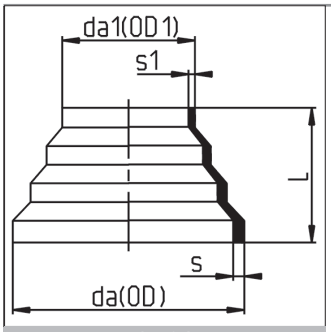
da/da1	L	L1	L2	SDR 33 / PN 10 / S-16				SDR 21 / PN 16 / S-10			
				s	s1	KG ST/PC	€ ST/PC	s	s1	KG ST/PC	€ ST/PC
25/20	50	20.0	20					1.9	1.9	0.01	**12.53**
32/20	50	18.5	19					2.4	1.9	0.02	**16.79**
32/25	50	20.0	20					2.4	1.9	0.02	**16.79**
40/20	55	20.0	20					2.4	1.9	0.02	**20.98**
40/25	55	20.0	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

agru

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

PVDF-SOLEF®



CRAS

CONCENTRISCHE VERLOOPSTUKKEN
REDUCTIONS CONCENTRIQUES
CONCENTRIC REDUCERS

Gespoten.
Injectés.
Moulded.

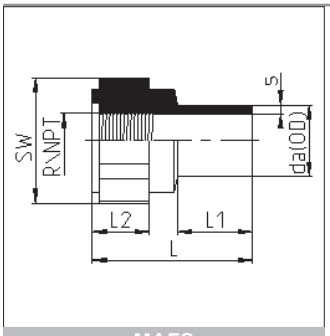
da x da1	L	L1	L2	SDR 33 / ISO S-16 S	S1	KG € ST/PC	SDR 21 / ISO S-10 S	S1	KG € ST/PC
63 x 16	56	9	5				3.0	1.9	0.039 **31.14**
110 x 63	65	11	7	3.4	2.5	0.127 **71.42**	5.3	3.0	0.147 **92.88**
160 x 110	85	14	13	4.9	3.4	0.326 **197.63**			
225 x 160	97	20	14	6.9	4.9	0.788 **295.63**			
315 x 225	137	26	19	9.7	6.9	2.024 **540.19**			

VINK

agru

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

PVDF-SOLEF®



MAFS

OVERGANGSSTUKKEN
EMBOUTS D'ADAPTATION
ADAPTOR COUPLINGS

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

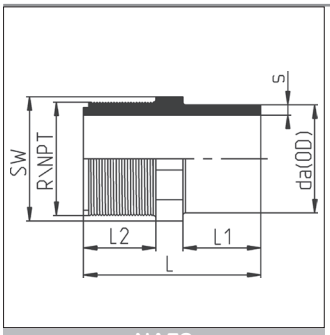
Injectés. Renforcé fibre de verre
Fixation filetée femelle standard selon norme BS, filetage NPT sur demande.
Uniquement pour des connections matières synthétiques.

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	26	70	1½"	0,166	**47.94**
63	3,0	75	35	30	85	2"	0,250	**66.80**

NPT op aanvraag / sur demande / on request



NAFS

OVERGANGSSTUKKEN
EMBOUTS D'ADAPTATION
ADAPTOR COUPLINGS

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

Injectés.
Fixation filetée 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

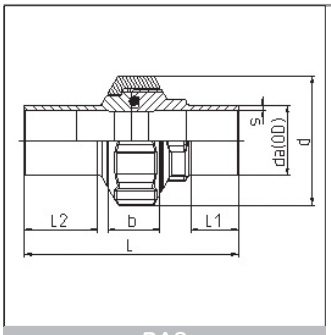
da	s	L	L1	L2	SW	R	KG/ST/PC	€/ST/PC
20	1,9	46	20	18	22	½"	0,014	**13.02**
25	1,9	51	23	20	27	¾"	0,020	**15.15**
32	2,4	61	29	23	36	1"	0,041	**23.12**
40	2,4	66	29	27	46	1¼"	0,072	**28.10**
50	3,0	74	33	26	55	1½"	0,090	**42.84**
63	3,0	80	35	30	65	2"	0,128	**54.65**

NPT op aanvraag / sur demande / on request

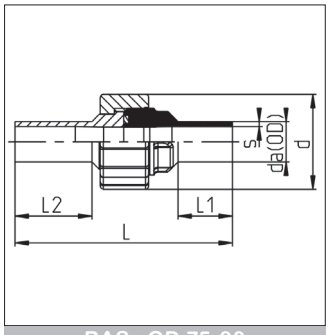
agru

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

PVDF-SOLEF®



BAS



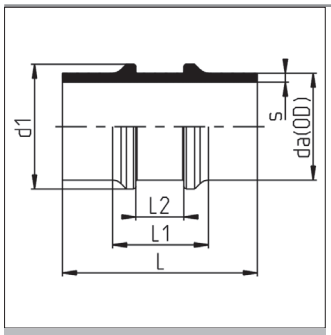
BAS - OD 75-90

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.

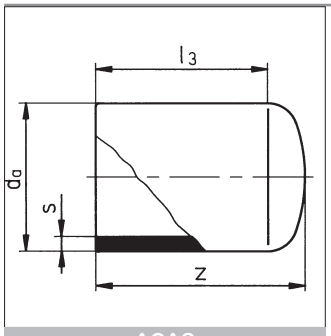
da	L	L1	L2	d1	SDR 33 / ISO S-16 s	KG/ST/PC	€/ST/PC	SDR 21/ ISO S-10 S	KG/ST/PC	€/ST/PC
32	120	68	33.0	40				2.4	0.070	**35.87**
63	120	68	30.0	71				3.0	0.170	**75.52**
90	150	75	40.0	104	2.8	0.333	**175.40**	4.3	0.420	**185.76**
110	150	77	40.0	126	3.4	0.470	**259.82**	5.3	0.630	**275.72**
125	160	98	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**

VINK

agru

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

PVDF-SOLEF®

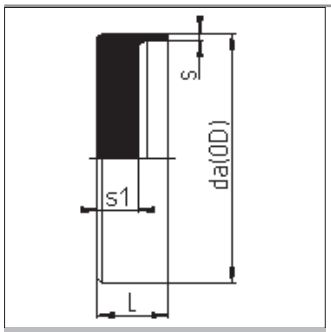


ACAS

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**



CAS

EINDKAPPEN
BOUCHONS
END CAPS

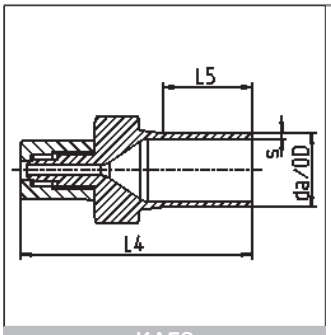
Uit plaat gedraaid
Tournés hors de plaque
Machined from plate

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**

agru

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

PVDF-SOLEF®



KAFS

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

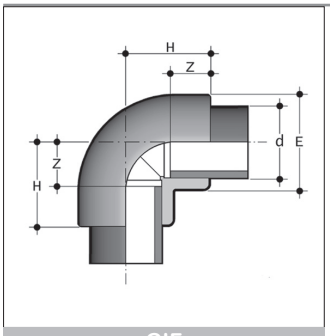
da x R	s	L4		KG/ST/PC	€/ST/PC
20 x 1/4"	1,9	78.0	30	0.029	***120.31**
20 x 3/8"	1,9	79.0	30	0.034	***128.03**
20 x 1/2"	1,9	80,5	30	0.034	***159.65**
20 x 3/4"	1,9	84.0	30	0.051	***159.15**
25 x 1/4"	1,9	78.0	30	0.042	***128.03**
25 x 3/8"	1,9	79.0	30	0.047	***139.73**
25 x 1/2"	1,9	80,5	30	0.044	***151.41**
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**

VINK

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

PVDF-SOLEF®

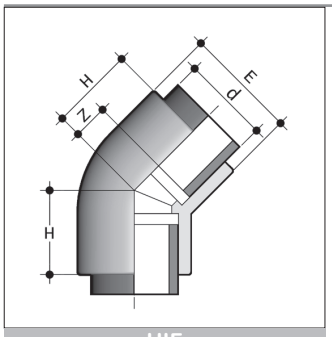


GIF

KNIEEN 90°
COUDES 90°
ELBOWS 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	0.014	**9.54**
20	12.5	27.0	27.5	0.028	**10.91**
25	15.5	31.5	33.0	0.043	**13.47**
32	18.5	36.5	41.0	0.065	**28.00**
40	22.5	43.0	51.5	0.125	**44.95**
50	27.0	50.5	62.5	0.195	**66.68**
63	33.5	61.0	77.0	0.340	**112.97**
75	42.0	73.0	92.0	0.575	**193.81**
90	47.0	83.0	109.5	0.850	**287.24**
110	57.5	99.0	133.0	1.470	**527.98**



HIF

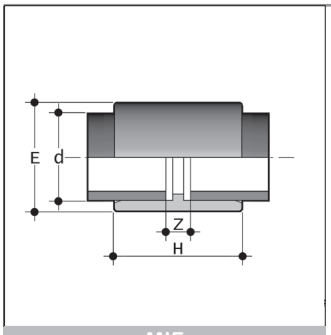
KNIEEN 45°
COUDES 45°
ELBOWS 45°

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

D	Z	H	E	KG/ST/PC	€/ST/PC
20	7.0	21.5	27.5	0.024	**12.83**
25	9.0	25.0	33.7	0.037	**18.72**
32	11.5	29.5	41.5	0.063	**21.92**
40	16.0	36.5	51.0	0.110	**36.80**
50	19.0	42.5	62.5	0.202	**40.82**
63	24.5	52.0	78.5	0.337	**65.86**
75	30.0	61.0	88..0	0.395	**163.46**
90	37.0	72.5	105.0	0.645	**248.42**
110	45.5	87.0	127.0	1.095	**442.57**

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

PVDF-SOLEF®

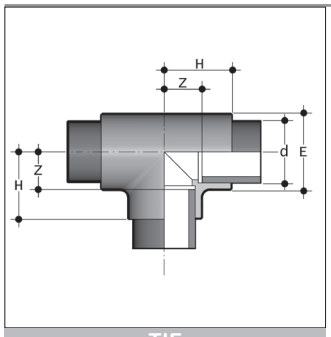


MIF

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**



TIF

T-STUKKEN 90°
TES A 90°
TEES 90°

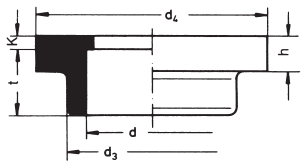
Gespoten PN 16.
Injectés PN 16.
Moulded PN 16.

D	Z	H	E	KG/ST/PC	€/ST/PC
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**

agru

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

PVDF-SOLEF®



QAF

KRAAGBUSSEN
COLLETS A JOINT PLATS
FLAT-SEATED STUBS

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

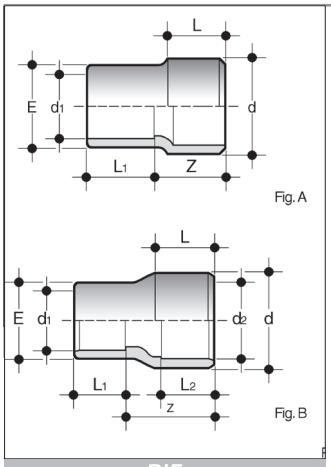
d	L	d3	d4	h	t	KG/ST/PC	€/ST/PC
20	21	27	45	6	16	0.02	**9.36**
25	22	33	58	7	17	0.04	**10.87**
32	25	41	68	7	20	0.05	**13.24**
40	26	50	78	8	21	0.07	**21.45**
50	30	61	88	8	25	0.10	**29.17**
63	33	76	122	9	28	0.14	**37.49**
75	37	90	120	10	32	0.23	**94.19**
90	41	109	125	11	36	0.32	**127.38**
110	48	131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

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®



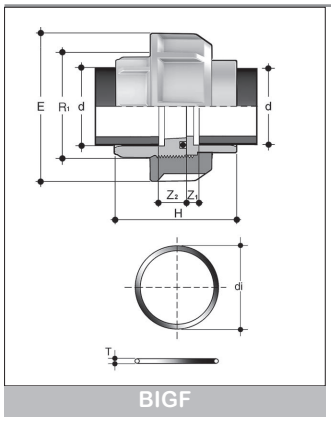
RIF

CONCENTRISCHE VERLOOPSTUKKEN
REDUCTIONS CONCENTRIQUES
CONCENTRIC REDUCERS

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

D x D1	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



BIGF

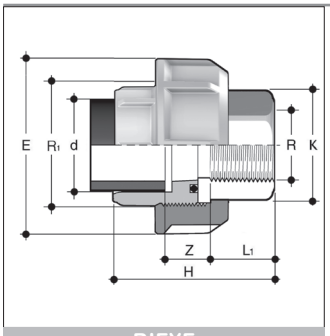
DRIEDELIGE KOPPELINGEN
RACCORDS UNION
SOCKET UNIONS

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	Z1	Z2	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®



BIFXF

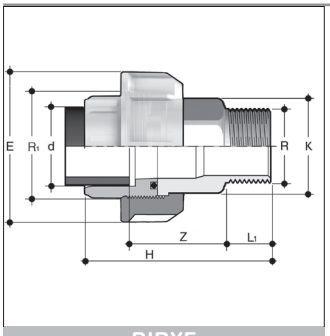
DRIEDELIGE KOPPELINGEN
RACCORDS D'ADAPTATION 3 PIECES
SOCKETS UNIONS

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	R1	PN	L1	Z	H	K	E	€/ST/PC
20 x 1/2"	1"	16	16.5	18.0	48.5	25	47	**156.43**
25 x 3/4"	1 1/4"	16	18.5	19.0	53.5	32	58	**231.54**
32 x 1"	1 1/2"	16	19.5	20.0	57.5	38	65	**285.40**
40 x 1 1/4"	2"	16	21.5	23.0	64.5	48	78	**389.10**
50 x 1 1/2"	2 1/4"	16	23.0	32.5	78.5	55	85	**415.84**
63 x 2"	2 3/4"	16	27.0	31.5	85.5	69	103	**483.76**



BIRXF

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

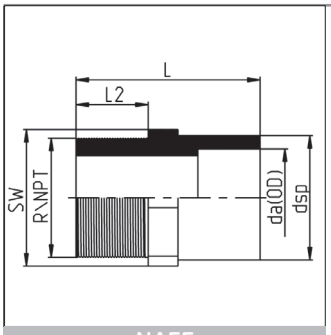
Insert: PVDF, socket for socket welding
Close end: Stainless Steel A316L BS with parallel male threaded
Union nut: PVDF
Sealing: O-ring FPM

d x R	R1	PN	L1	Z	L	H	K	E	€/ST/PC
20 x 1/2"	1"	16	13.5	37.5	16	65.0	25	47	**176.04**
25 x 3/4"	1 1/4"	16	15.0	40.5	19	71.5	32	58	**258.13**
32 x 1"	1 1/2"	16	17.5	42.5	22	78.0	38	65	**327.42**
40 x 1 1/4"	2"	16	19.5	47.5	26	87.0	48	78	**477.35**
50 x 1 1/2"	2 1/4"	16	19.5	52.5	31	95.0	55	85	**486.60**
63 x 2"	2 3/4"	16	24.0	62.5	38	113.5	69	103	**562.00**

agru

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

PVDF-SOLEF®



NAFF

OVERGANGSSTUKKEN
EMBOUTS D'ADAPTATION
ADAPTOR COUPLINGS

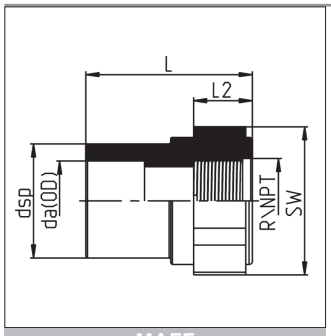
Gespoten PN 10.
Mannelijke draadaansluiting standaard met BS-draad, NPT-draad op aanvraag.

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_{sp}	L	t	L_2	SW	KG/ST/PC	€/ST/PC
20	¾"	$25^{+0,6}$	$51^{\pm4}$	17,2	$20^{\pm2}$	$29,5^{\pm3}$	0,023	**20.57**
25	1"	$32^{+0,6}$	$61^{\pm4}$	19,5	$24^{\pm2}$	$39,5^{\pm3}$	0,049	**31.44**
32	1 ¼"	$40^{+0,8}$	$66^{\pm4}$	21,5	$27^{\pm2}$	$45,5^{\pm3}$	0,072	**38.19**
40	1 ½"	$50^{+1,0}$	$74^{\pm4}$	24,0	$29^{\pm2}$	$60,0^{\pm3}$	0,119	**58.20**
50	2"	$63^{+1,2}$	$78^{\pm4}$	29,0	$31^{\pm2}$	$71,0^{\pm3}$	0,177	**74.28**

NPT op aanvraag / sur demane / on request



MAFF

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.

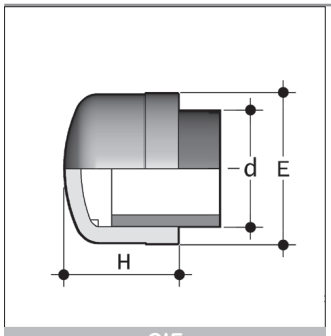
Moulded PN 10. Glassfiber reinforced.
One end female threaded standard BS, NPT on request.

da	R	dsp	L	t	L2	SW	KG/ST/PC	€/ST/PC
20	½"	29,5	$45,0^{\pm4}$	14,5	$16^{\pm2}$	32	0,037	**22.19**
25	¾"	35,0	$50,5^{\pm4}$	16,0	$18^{\pm2}$	41	0,059	**29.66**
32	1"	42,5	$57,0^{\pm4}$	18,1	$20^{\pm2}$	46	0,094	**38.63**
40	1 ¼"	52,0	$62,5^{\pm4}$	20,5	$24^{\pm2}$	55	0,146	**53.45**
50	1 ½"	64,0	$68,0^{\pm4}$	23,5	$26^{\pm2}$	70	0,236	**72.57**
63	2"	80,0	$74,0^{\pm4}$	27,4	$30^{\pm2}$	85	0,396	**99.01**

VINK

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

PVDF-SOLEF®



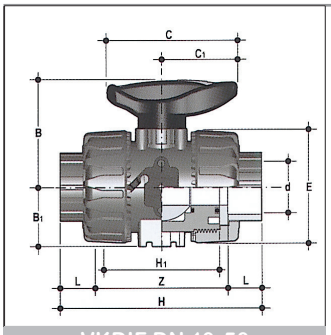
CIF

AFSLUITKAPPEN
BOUCHONS FEMELLES
END CAPS

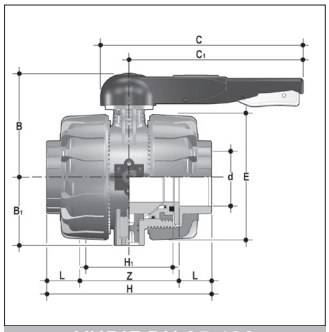
Gespoten PN 16
Injectés PN 16
Moulded PN 16

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**



VKDIF DN 10-50



VKDIF DN 65-100

KOGELKRANEN
VANNES A BILLE
BALL VALVES

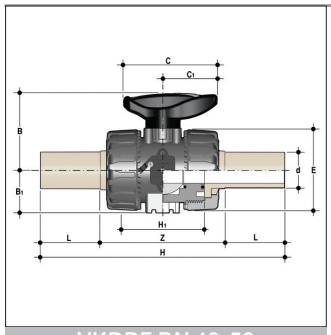
PN 16

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

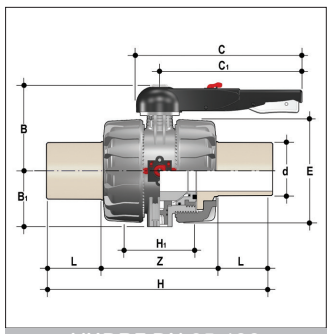
Robinets à bille Dual Block® tournant sphérique à 2 voies. Avec embouts femelles à souder.
Sièges PTFE/EPDM, PTFE/FPM.

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 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**



VKDBF DN 10-50



VKDBF DN 65-100

KOGELKRANEN
VANNES A BILLE
BALL VALVES

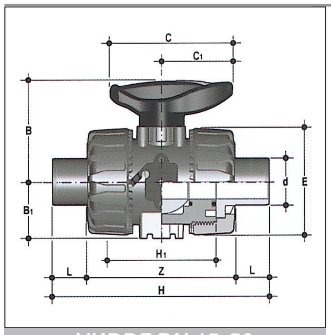
PN 16

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

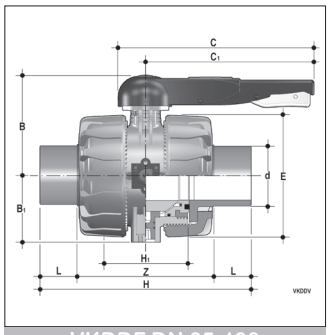
Robinets à bille Dual Block® tournant sphérique à 2 voies. Embouts mâles longues PVDF pour soudage bout à bout / IR.
Sièges PTFE/EPDM, PTFE/FPM.

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 ST/PC	€ ST/PC 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**



VKDDF DN 15-50



VKDDF DN 65-100

KOGELKRANEN
VANNES A BILLE
BALL VALVES

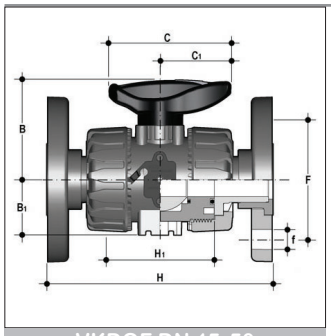
PN 16

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

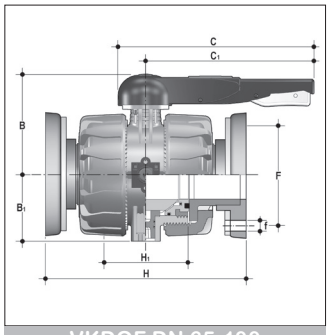
Robinets à bille Dual Block® tournant sphérique à 2 voies. Avec embouts mâles à souder.
Sièges PTFE/EPDM, PTFE/FPM.

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 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**



VKDOF DN 15-50



VKDOF DN 65-100

KOGELKRANEN
VANNES A BILLE
BALL VALVES

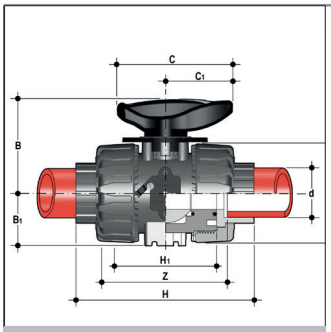
PN 16

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 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**



VKRIF

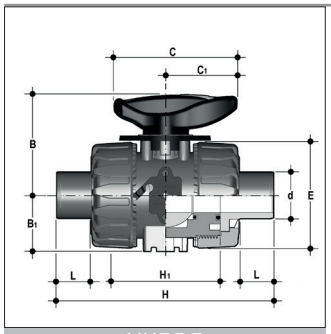
2 WEG KOGELKRANEN VOOR LINEAIRE DEBIETREGELING
VANNES A BILLE A 3 VOIES POUR REGULATION LINEAIRE DU DEBIT
2 WAY BALL VALVES FOR LINEAR FLOW CONTROL

Vrouwelijke lasmof.
Volledig uitwisselbaar met kogelkranen 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 positioneur 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	H1	E	B	B1	C	C1	G/ST/PC	€/ST/PC 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**



VKRDF

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 kogelkranen 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 positioneur 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	H1	E	B	B1	C	C1	G/ST/PC	€/ST/PC 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**

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)

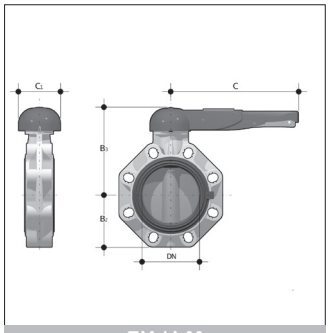
Materialen / matériaux / materials:
Lichaam / corps / body: PP-GR
Klepblad / papillon / disc: PVDF
Axe / axe / stem: RVS AISI 420 (AISI 316 op aanvraag / sur demande / on request)
Zitting / siège / liner: EPDM, FPM (NBR op aanvraag / sur demande / on request)

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.

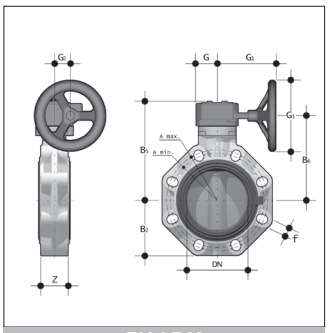
Avant d'effectuer l'installation de vannes papillons, il est conseillé de vérifier le diamètre intérieur des collets. En certains cas, il est nécessaire de chamfreiner.

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	B2	B3	C	C1	Z	G/ ST/PC	U	€/ST/PC 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**



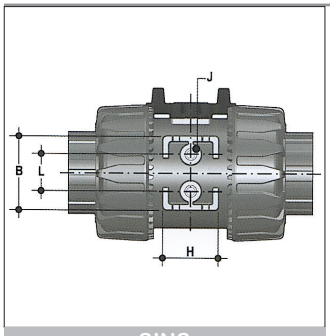
FK / RM

d	DN	PN	B2	B5	B6	G	G1	G2	G3	Z	G/ ST/PC	U	€/ST/PC 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

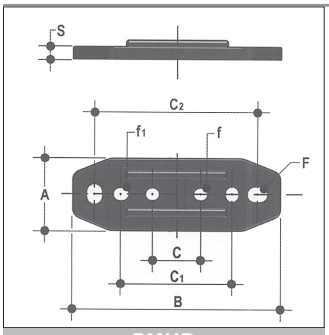
PVDF-SOLEF®



SINS

DRAADBUSSEN
BUSELURES
THREADED INSERTS

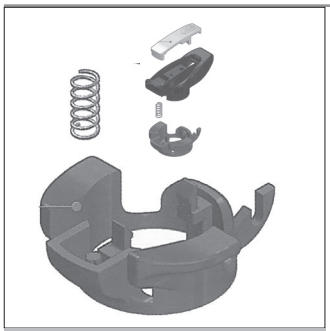
D	DN	B	H	L	J	€/ST/PC = 20 ST/PC Messing Laiton Brass	RVS 316 Inox 316 SS 316
16	10	31.5	27	20	M4 x 6	**15.82**	**87.20**
20	15	31.5	27	20	M4 x 6	**15.82**	**87.20**
25	20	40.0	30	20	M4 x 6	**15.82**	**87.20**
32	25	40.0	30	20	M4 x 6	**15.82**	**87.20**
40	32	50.0	35	30	M6 x 10	**19.02**	**96.45**
50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

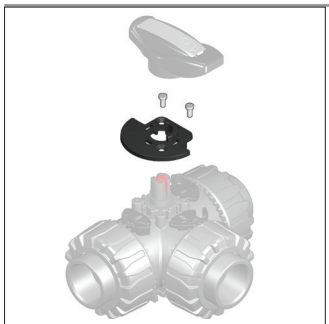
D	DN	A	B	C	C1	C2	F	f	f1	S	€/ST/PC
16	10	30	86	20	46	67.5	6.5	5.3	5.5	5	**8.96**
20	15	30	86	20	46	67.5	6.5	5.3	5.5	5	**8.96**
25	20	30	86	20	46	67.5	6.5	5.3	5.5	5	**8.96**
32	25	30	86	20	46	67.5	6.5	5.3	5.5	5	**8.96**
40	32	40	122	30	72	102.0	6.5	6.3	6.5	6	**9.76**
50	40	40	122	30	72	102.0	6.5	6.3	6.5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



SHKD

KIT HANDVAT VERGRENDELING 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

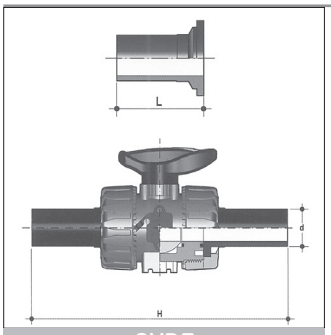
HENDEL STOP 90°/180° KOERSBEPERKER 3 WEG KOGELKRAAN
BUTÉE DE POIGNÉE 90°/180° LIMITEUR DE COURSE VANNE A BOULE 3 VOIES
HANDLE STOP 90°/180° STROKE LIMITER 3 WAY BALL VALVE

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®

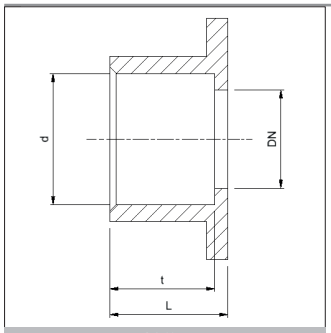


CVDE

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**

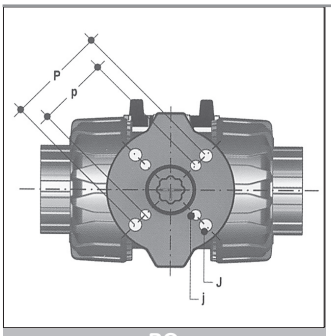


CVIE

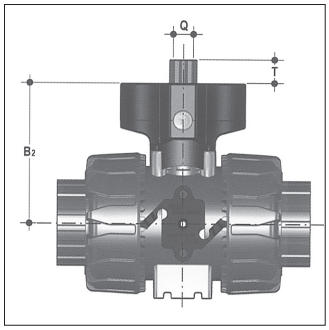
HDPE 100 CONNECTOR VOOR MOFLAS
CONNECT. HDPE 100 POUR SOUDAGE A L'EMBOITURE
HDPE 100 END CONNECTOR FOR SOCKET WELDING

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**



PQ



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

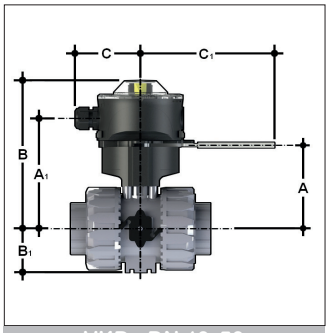
d	DN	B2	T	p x j	P x J
16	10	58.0	16	F03 x 5.5	F04 x 5.5
20	15	58.0	16	F03 x 5.5	F04 x 5.5
25	20	73.5	16	F03 x 5.5	F05 x 6.5
32	25	74.0	16	F03 x 5.5	F05 x 6.5
40	32	97.0	16	F05 x 6.5	F07 x 8.5
50	40	104.0	16	F05 x 6.5	F07 x 8.5
63	50	114.0	16	F05 x 6.5	F07 x 8.5

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

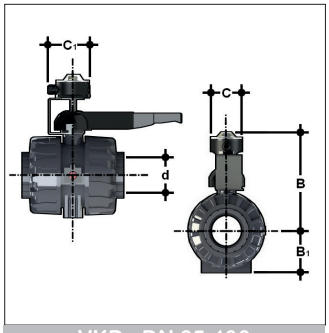
d	Actuators CP (FIP)		Actuators CE (FIP)		Kit €/ST/PC
	ISO	SQUARE	ISO	SQUARE	
16 - 20	F03-04*	11	F03	14	**67.52**
25	F03-05*	11	F03	14	**71.61**
25	F04	11	F04	14	**71.61**
32	F03-05*	11	F03	14	**71.61**
32	F04	14	F04	14	**71.61**
40	F05-07*	14	F05	14	**81.83**
50	F05-07*	14	F05	14	**81.83**
63	F05-07*	14	F05	14	**86.97**



LSQT



VKD - DN 10-50



VKD - DN 65-100

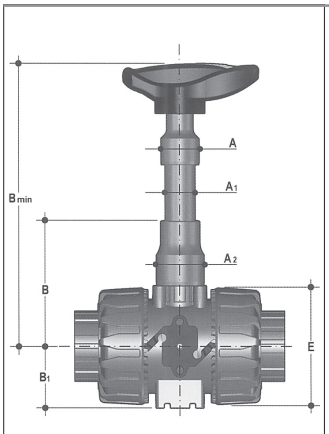
MICROSWITCHBOX MET TERUGMELDINGEN
BOITIER FIN DE COURSE
LIMIT SWITCH BOX

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

d	€/ST/PC Montageset Kit de montage Mounting kit		€/ST/PC Electromechanisch Electromécanique Electro mechanical		€/ST/PC Inductief 3 draads PNP Inductif 3 fils PNP 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

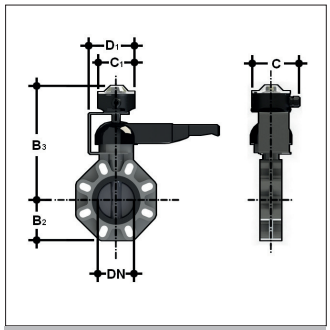
D	DN	A	A1	A2	E	B	B1	B min	€/ST/PC*
16	10	32	25	32	54	70.0	29.0	139.5	**35.67**
20	15	32	25	32	54	70.0	29.0	139.5	**35.67**
25	20	32	25	40	65	89.0	34.5	164.5	**36.43**
32	25	32	25	40	73	93.5	39.0	169.0	**37.39**
40	32	40	32	50	86	110.0	46.0	200.0	**37.77**
50	40	40	32	50	98	116.0	52.0	206.0	**39.32**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



LSQT



FK - DN 40-200

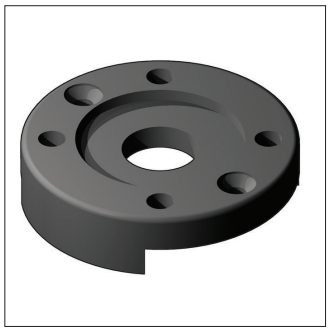
MICROSWITCHBOX MET TERUGMELDINGEN
BOITIER FIN DE COURSE
LIMIT SWITCH BOX

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

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

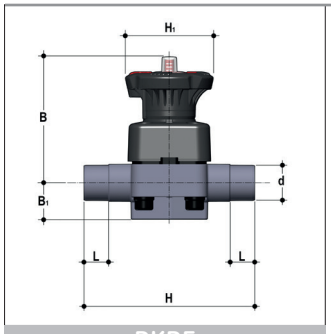
d	€/ST/PC Montageset Kit de montage Mounting kit		€/ST/PC Electromechanisch Electromécanique Electro mechanical		€/ST/PC Inductief 3 draads PNP Inductif 3 fils PNP Inductive 3 wire PNP	
50-63	**LSKITFK5063**	**153.80**	**LSQTMEC**	**301.15**	**LSQTPNP**	**513.32**
75-160	**LSKITF75160**	**207.09**	**LSQTMEC**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

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

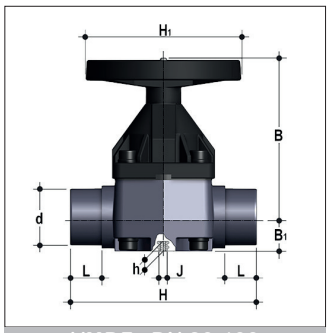


Adaptor voor opbouw aandrijving (elektrisch / pneumatisch) ISO 5211
Adapteur pour montage actuateur (electrique / pneumatique) ISO 5211
Adaptor for mounting of actuator (electrical / pneumatic) ISO 5211

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



DKDF



VMDF - DN 80-100

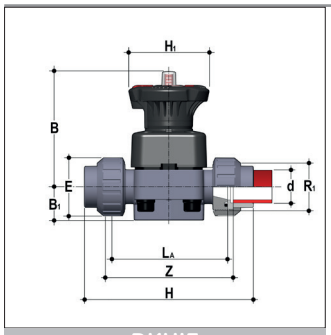
MEMBRAANKRANEN
VANNES A MEMBRANE
DIAPHRAGM VALVES

PN 10

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

D	DN	L	H	H1	B	B1	G/ST/PC	€/ST/PC EPDM	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**



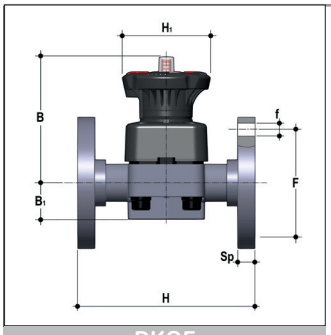
DKUIF

MEMBRAANKRANEN
VANNES A MEMBRANE
DIAPHRAGM VALVES

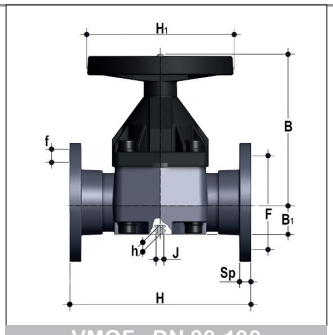
PN 10

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

D	d	B	B1	E	H	H1	L_A	R1	Z	G/ST/PC	€/ST/PC EPDM	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**



DKOF



VMOF - DN 80-100

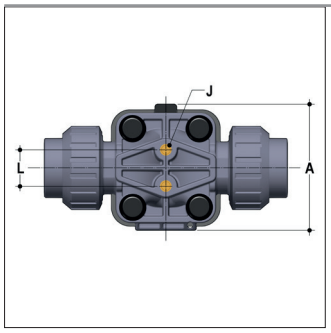
MEMBRAANKRANEN
VANNES A MEMBRANE
DIAPHRAGM VALVES

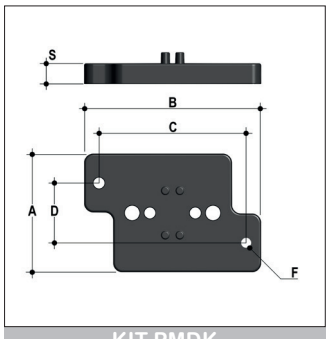
PN 10

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**





KIT PMDK

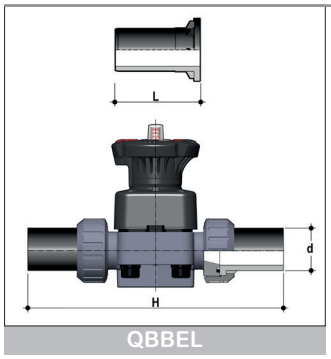
MONTAGEPLAAT
PLATINE
MOUNTING PLATE

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



QBBEL

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

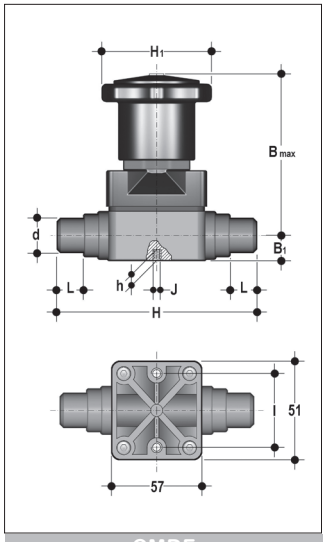
SDR11

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**

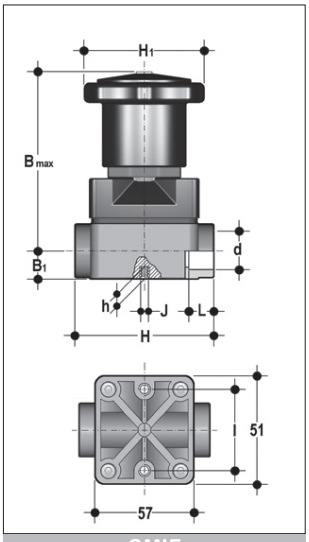
MEMBRAANAFSLUITERS
ROBINETS A MEMBRANE
DIAPHRAGM COCKS

PN 6

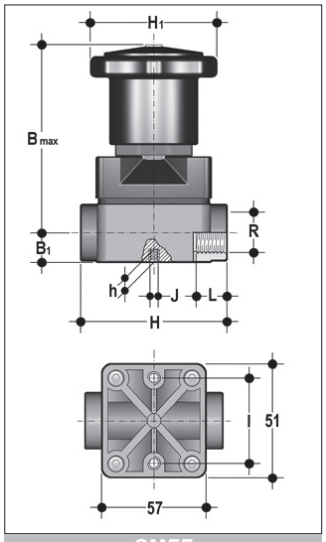
Volgens normen ISO-BS-ASTM.
Selon les normes ISO-BS-ASTM.
According to standards ISO-BS-ASTM.



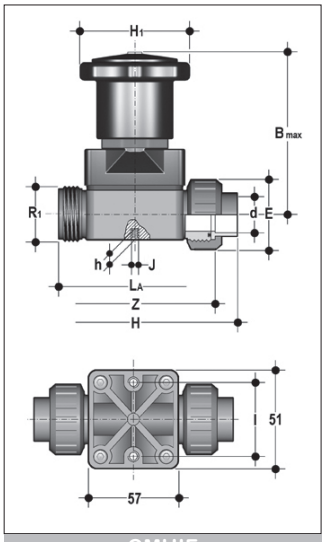
CMDF



CMIF



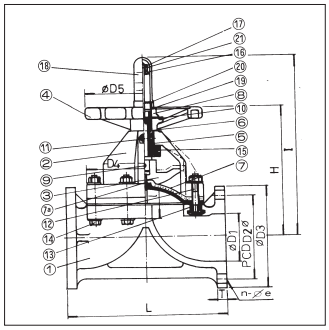
CMFF



CMUIF

CODE	D/R	DN	B max.	B1	H1	H	h	l	J l/min	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**

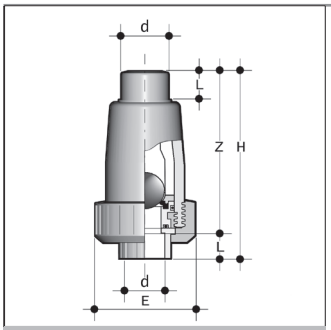

VAOF



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 EPDM	PN PTFE	L	D	D_2	D_3	H	I	T	e	n	KG/ ST/PC
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



SRIF

KOGELTERUGSLAGKLEPPEN
CLAPETS DE RETENUE A BILLE
BALL CHECK VALVES

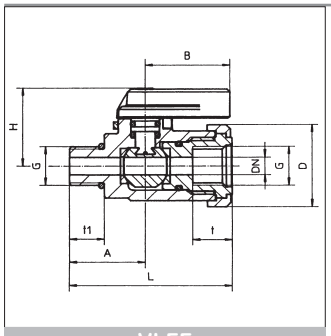
PN 16

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 FPM
20	15	54	16	88	104	150	**131.16**
25	20	65	19	106	125	260	**161.23**
32	25	74	22	126	148	390	**187.61**
40	32	86	26	145	171	600	**328.00**
50	40	98	31	158	189	820	**353.46**
63	50	119	38	184	222	1420	**597.56**



VLFF

LABO KOGELKRANEN
ROBINETS A BILLE DE LABARATOIRE
LABORATORY BALL VALVES

PN 10

Binnendraad x buitendraad 1/4”, inclusief aansluitset met slangpilaar, dubbele nippel en eindstop.
Dichtingen : FPM, kogelzitting : PTFE.

Filetage intérieur x filetage exterieur, 1/4” inclusif set de branchement avec douille, nipple double et bouchon.
Joints : FPM, anneau d’étanchéïté : 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	t1	€/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

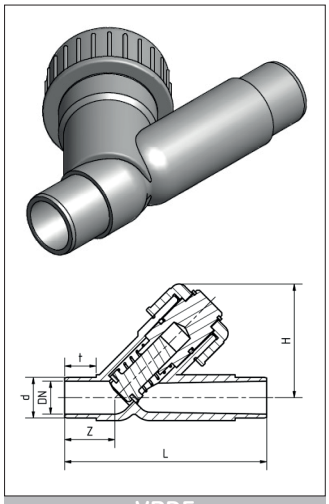
TERUGSLAGKLEPPEN MET SCHUINE ZITTING
CLAPTES DE RETENUE A SIEGE INCLINEEU
ANGLE SEAT CHECK VALVES

PN 16

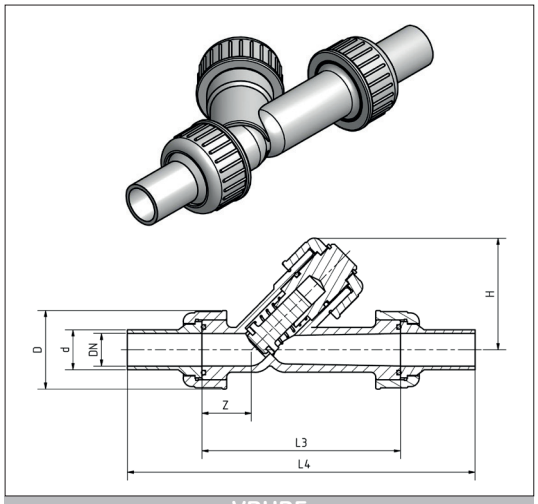
Met vaste laseinden (VRDF), 3-delige koppelingen met lange IR spiegellaseinden (VRUBF) of opgeschroefde FRP flenzen ISO-DIN (VROF).
Veerbelast (FEP omwikkelde veer), dichtingen EPDM of FPM.

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 incapsulé), joints d'étanchéité en EPDM ou FPM.

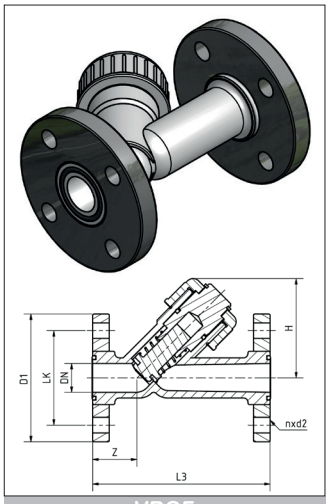
Male spigot ends (VRDF), union ends with long male connectors for IR butt welding (VRUBF) or screwed FRP flanges ISO-DIN (VROF).
Spring loaded (FEP coated), seals in EPDM or FPM.



VRDF



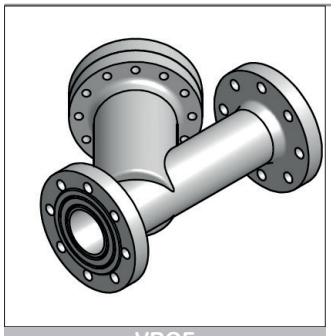
VRUBF



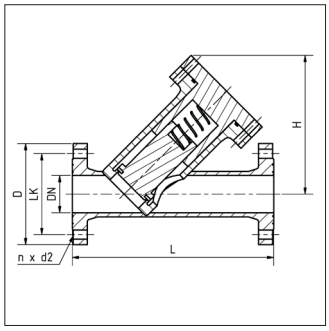
VROF

d	DN	Z	t	H	L	L3	L4	D	LK	D1	n x d2	Kv l/min
									DIN EN 1092-1 / DIN2501			Δp=1bar
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 €/ST/PC	FPM €/ST/PC	G/ST/PC	EPDM €/ST/PC	FPM €/ST/PC	G/ST/PC	EPDM €/ST/PC	FPM €/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**



VROF



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

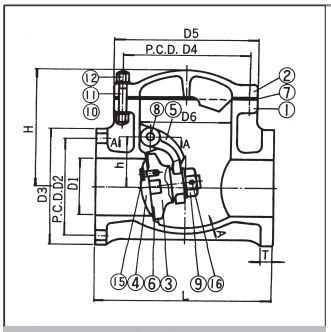
PN 6

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

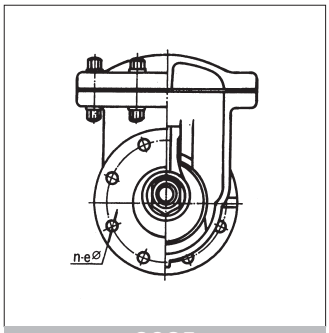
A brides fixes suivants DIN EN 1092-1, DIN2501 PN10.
Avec ressort (FEP incapsulé), joints d'étanchéité en EPDM ou FPM.

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 l/min	G/ST/PC	€/ST/PC	€/ST/PC
				DIN EN 1092-1 / DIN2501			Δp=1bar		EPDM	FPM
75	65	260	370	145	185	4 x ø18	500	10000	**3864**	**4294**
90	80	275	410	160	200	8 x ø18	1000	14000	**4146**	**4865**
110	100	325	440	180	220	8 x ø18	1600	17000	**8544**	**9208**
160	150	430	600	240	285	8 x ø22	4500	24000	**16757**	**16911**



SCOF



SCOF

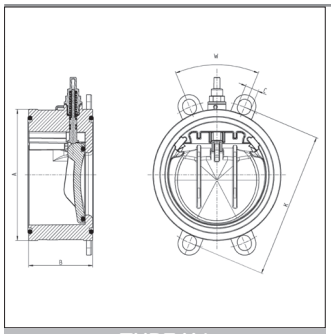
SWING TERUGSLAGKLEPPEN
CLAPETS DE RETENUE SWING
SWING CHECK VALVES

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* 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

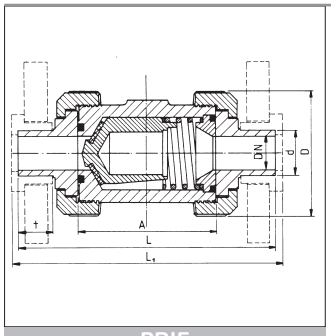
Met standaanwijzer
Opening tot 85°, dichting EPDM of FPM
Verbinding d.m.v. kraag / flens
Leverbaar met veer voor werkdruk van 3 en 6 bar

Avec indicateur de position.
Ouverture jusqu'à 85°, joint EPDM ou FPM
Raccordement avec collet / bride.
Livrable acec ressort pour pression de 3 à 6 bar.

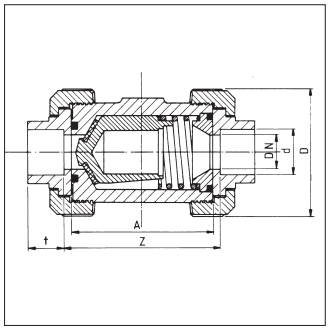
With position indicator
Opening up to 85°, gasket EPDM or FPM
Connection by stub flange / flange
With spring for pressure 3 to 6 bar.

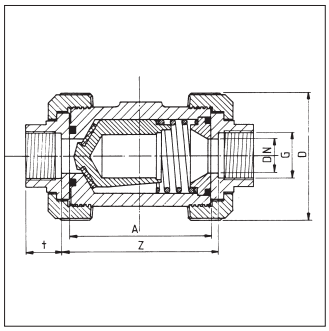
DN	A	B	C	K	W	
65	115	63	20	139-145	90°	
80	128	71	20	150-160	45°	
100	155	80	20	175-191	45°	BS
150	212	106	24	234-242	45°	BS
200	264	140	24	290-299	45°	BS
250	325	140	27	350-362	30°	BS

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



PRIF





KEGEL TERUGSLAGKLEPPEN MET VEER
CLAPETS DE RETENUE CHARGEE 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

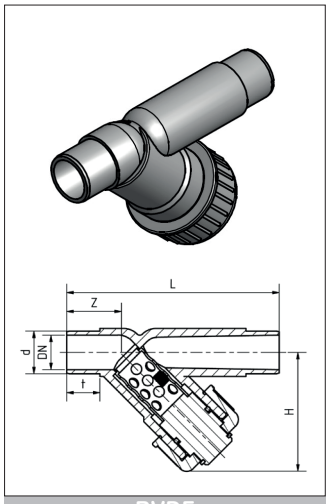
VUILVANGERS
FILTRES A TAMIS
SEDIMENT STRAINERS

PN 16

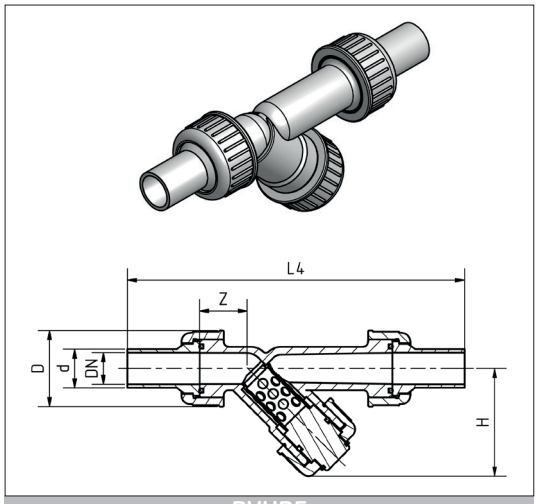
Met vaste laseinden RVDF), 3-delige koppelingen met lange IR spiegellaseinden (RVUBF) of opgeschroefde FRP flenzen ISO-DIN (RVOF).
Standaard maaswijdte 0,5mm, andere op aanvraag, dichtingen EPDM of FPM.

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.

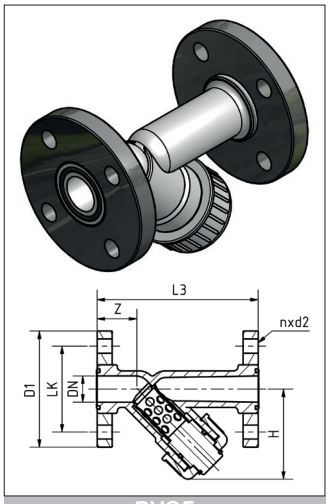
Male spigot ends (RVDF), union ends with long male connectors for IR butt welding (RVUBF) or screwed FRP flanges ISO-DIN (RVOF).
Standard mesh 0,5mm, others on request, seals in EPDM or FPM.



RVDF



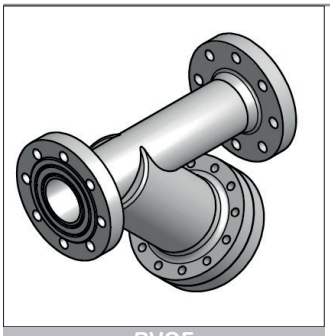
RVUBF



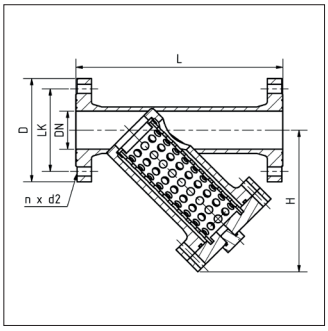
RVOF

d	DN	Z	t	H	L	L3	L4	D	LK	D1	n x d2	Kv l/min
									DIN EN 1092-1 / DIN2501			Δp=1bar
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 €/ST/PC	FPM €/ST/PC	G/ST/PC	EPDM €/ST/PC	FPM €/ST/PC	G/ST/PC	EPDM €/ST/PC	FPM €/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**



RVOF



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.

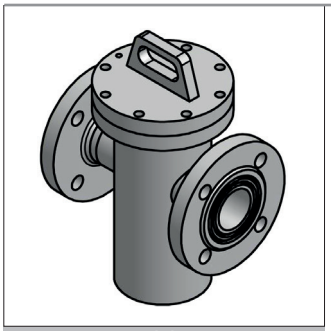
Fixed flanges acc to DIN EN1092-1, DIN2501 PN10.
ETFE filter, standard mesh 2,0mm, others on request, seals in EPDM or FPM.

d	DN	H	L	LK	D	n x d2	Kv l/min	G/ST/PC	€/ST/PC	€/ST/PC
				DIN EN 1092-1 / DIN2501			Δp=1bar		EPDM	FPM
75	65	260	370	145	185	4 x ø18	500	10000	**3684**	**3775**
90	80	275	410	160	200	8 x ø18	1000	13000	**4146**	**4229**
110	100	325	490	180	220	8 x ø18	1600	16000	**8544**	**8640**
140	125	380	550	210	250	8 x ø22	3000	25000	**16757**	**16911**
160	150	430	600	295	285	8 x ø22	4500	-	**-**	**-**
225	200	550	700	350	340	8 x ø22	10000	-	**-**	**-**

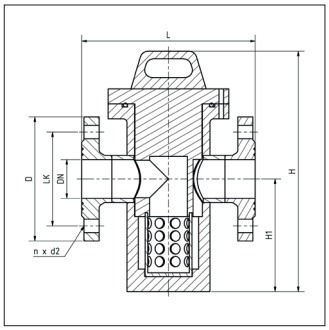
Op aanvraag :
- Diam. tot DN200
- Versterkte versie met glasvezel versterking
- Manometeraansluiting op de filteruitgang /
- Aftapkraan
- Snelsluitsysteem

Sur demande :
- Diam. jusqu'à DN200
- Version avec renforcement en fibres de verre
- Perçage pour manomètren
- 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 /rechangement 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.

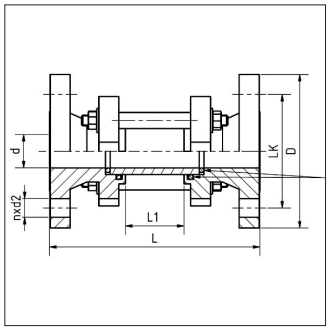
d	DN	PN	H	H1	L	LK	D	n x d2	Kv l/min	G/ST/PC	€/ST/PC	€/ST/PC
						DIN EN 1092-1 / DIN2501			Δp=1bar		EPDM	FPM
63	50	6	320	150	230	125	165	4 x ø18	350	7000	**3367**	**3464**
75	65	6	450	250	255	145	185	4 x ø18	500	10000	**3499**	**3585**
90	80	6	480	270	270	160	200	8 x ø18	1000	13000	**3940**	**4018**
110	100	6	573	285	350	180	220	8 x ø18	1600	16000	**8116**	**8207**
140	125	6	620	365	400	210	250	8 x ø22	3000	25000	**15919**	**16067**
160	150		690	410	450	295	285	8 x ø22	4500	-	**-**	
225	200		875	555	520	350	340	8 x ø22	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

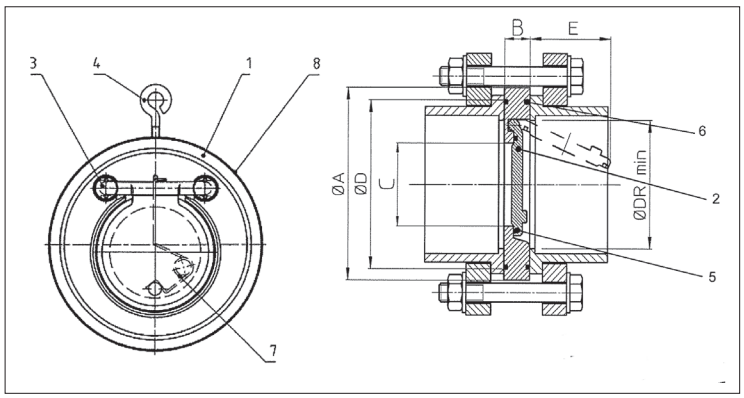
Met vaste flenzen volgens DIN EN 1092-1, DIN2501 PN10.
Dubbele afdichting ten behoeve van verhoogde veiligheid (EPDM of FPM).
Borosilikaat kijkglas.

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**

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.
Joints : 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.



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.

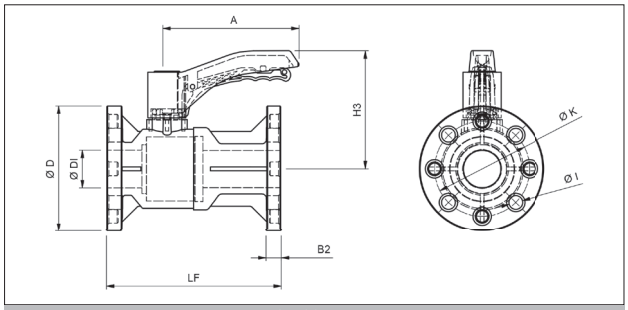
Robinets à tournant sphérique pour des applications chimiques. En monobloc unique offre une sécurité accrue contre les fuites. Sièges de boule et le joint de tige en PTFE.
Exécution à bride, commande manuelle à levier cadenassable en matière synthétique.

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

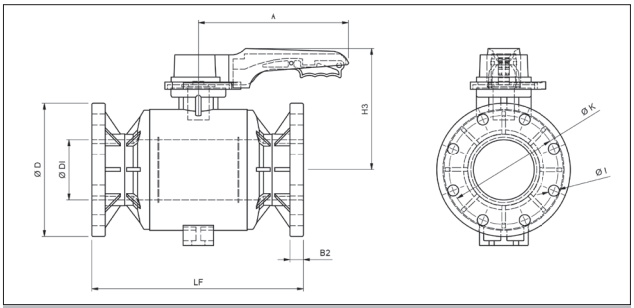
Opties / Option :
- Pneumatische en elektrische aandrijvingen (+ toebehoren)
- spindelverlengingen voor isolatie
- ATEX uitvoering
- dodemanshendel
- terugmeldingen (open-dicht)

- 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 Boulon Bolts	Torque*	PVDF €/ST/PC	
				m³/h	Nm									Nm	FKM	FEP
15	20	1/2”	10	11,1	6	95	115	140	130	13.0	4 x 14	65	4xM12	7,5	**218.55**	**287.42**
20	25	3/4”	10	21.0	6	105	115	140	150	14.0	4 x 14	75	4xM12	9.0	**234.64**	**191.27**
25	32	1”	10	42.0	8	117	125	140	160	15.0	4 x 14	85	4xM12	10.0	**299.71**	**334.66**
32	40	1 1/4”	10	60.0	12	140	145	175	180	17.0	4 x 18	100	4xM16	20.0	**376.88**	**460.11**
40	50	1 1/2”	10	96.0	12	150	145	175	200	17,5	4 x 18	110	4xM16	20.0	**496.62**	**523.80**
50	63	2”	10	186.0	19	165	155	175	230	18.0	4 x 18	125	4xM16	25.0	**605.13**	**741.22**
65	75	2 1/2”	10	300.0	18	185	205	250	290	20.0	4 x 18	145	4xM16	25.0	**960.55**	**1187.74**
80	90	3”	10	420.0	18	200	205	250	310	20.0	8 x 18	160	8xM16	30.0	**1367.71**	**1690.25**
100	110	4”	10	840.0	40	225	215	250	350	21.0	8 x 18	180	8xM16	30.0	**1562.55**	**1884.47**

Torque = draaimoment / couple de manoeuvre / torque operation
Torque* = aandraaimoment flensbouten / couple de serrage boulons / thightening torque flange bolts