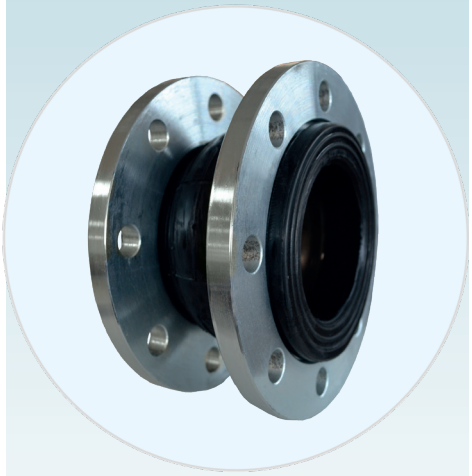
EEB Valves

PASSION FOR WASTEWATER

CATALOG EEB VALVES 2022



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EEB Valves

EEB Valves is a manufacturer of ball check valves and distributor of gate valves, butterfly valves, check valves, Y-filters, solenoid valves and rubber expansion joints for various applications. Specifically for your application, our range of fittings offers a total solution for the wastewater network. Quality and durability are our core values. We supply products for water technology wholesalers and OEM. Today this is more varied than ever thanks to our cooperation with our partners within the Water Is Life Group.

In our warehouse in Arendonk we stock our numerous ball check valves in cast iron, stainless steel and PVC. We are now more than ever ready to offer a total solution for industrial applications thanks to a wider range of additional A-brand products.

Wish to contact us?

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CONNECTION TEMPLATES ACCORDING TO NFE 29203 (AUGUST 1986)

	ISO PN6					ISO PN10					ISO PN16					ISO PN20 compatible ASA 150					ISO PN25					ISO PN40					ISO PN50 compatible ASA 300				
DN	Dimensions connection			Bolts & nuts		Dimensions connection			Bolts & nuts		Dimensions connection			Bolts & nuts		Dimensions connection			Bolts & nuts		Dimensions connection			Bolts & nuts		Dimensions connection			Bolts & nuts		Dimensions connection			Bolts & nuts	
mm	D	K	L	No.	ø	D	K	L	No.	ø	D	K	L	No.	ø	D	K	L	No.	ø	D	K	L	No.	ø	D	K	L	No.	ø	D	K	L	No.	ø
10	75	50	11	4	M10	TAKE FLANGE ISO PN16					USE DIMENSIONS OF FLANGE ISO PN40										TAKE FLANGE ISO PN40					90	60	14	4	M12					
15	80	55	11	4	M10																					95	65	14	4	M12					
20	90	65	11	4	M10																					105	75	14	4	M12					
25	100	75	11	4	M10											108	79,4	15,8	4	M14						115	85	14	4	M12	124	8,9	19,0	4	M16
32	120	90	14	4	M12											117	88,9	15,8	4	M14						140	100	19	4	M16	133	98,4	19,0	4	M16
40	130	100	14	4	M12											127	98,4	15,8	4	M14						150	110	19	4	M16	156	114,3	22,2	4	M20
50	140	110	14	4	M12											152	120,4	19,0	4	M16						165	125	19	4	M16	165	127,0	22,2	8	M20
65	160	130	14	4	M12						185	145	19	4	M16	178	139,7	19,0	4	M16						185	145	19	8	M16	190	149,2	22,2	8	M20
80	190	150	19	4	M16						200	160	19	8	M16	190	152,4	19,0	4	M16						200	160	19	8	M16	210	168,3	22,2	8	M20
100	210	170	19	4	M16						220	180	19	8	M16	229	190,5	19,0	8	M16	235	190	23	8	M20	235	190	23	8	M20	254	200,0	22,2	8	M20
125	240	200	19	8	M16						250	210	19	8	M16	254	215,9	22,2	8	M20	270	220	28	8	M24	270	220	28	8	M24	279	235,0	22,2	8	M20
150	265	225	19	8	M16						285	240	23	8	M20	279	241,3	22,2	8	M20	300	250	28	8	M24	300	250	28	8	M24	318	269,9	22,2	12	M20
200	320	280	19	8	M16	340	295	23	8	M20	340	295	23	12	M20	343	298,4	22,2	8	M24	360	310	28	12	M24	375	320	31	12	M27	381	330,2	25,4	12	M24
250	375	335	19	12	M16	395	350	23	12	M20	405	355	28	12	M24	406	362,0	25,4	12	M24	425	370	31	12	M27	450	385	31	12	M30	444	387,4	28,5	16	M27
300	440	395	23	12	M20	445	400	23	12	M20	460	410	28	12	M24	483	431,8	25,4	12	M24	485	430	31	16	M27	515	450	34	16	M30	521	450,8	31,8	16	M30
350	490	445	23	12	M20	505	460	23	16	M20	520	470	28	16	M24	533	476,2	28,5	12	M27	555	490	34	16	M30	580	510	37	16	M33	584	514,4	31,8	20	M30
400	540	495	23	16	M20	565	515	28	16	M24	580	525	31	16	M27	597	539,8	28,5	16	M27	620	550	37	16	M33	660	585	40	16	M36	648	571,5	35,0	20	M33
450	595	550	23	16	M20	615	565	28	20	M24	640	585	31	20	M27	635	577,8	31,8	16	M30	670	600	37	20	M33						711	628,6	35,0	24	M33
500	645	600	23	20	M20	670	620	28	20	M24	715	650	34	20	M30	698	635,0	31,8	20	M30	730	660	37	20	M33	755	670	43	20	M39	775	685,8	35,0	24	M33
600	755	705	28	20	M24	780	725	31	20	M27	840	770	37	20	M33	813	749,3	35,0	20	M30	845	770	40	20	M36	890	795	49	20	M45	914	812,8	41,1	24	M39
700	860	810	28	24	M24	895	840	31	24	M27	910	840	37	24	M33						960	875	43	24	M39										
800	975	920	31	24	M27	1015	950	34	24	M30	1026	950	40	24	M36						1085	990	49	24	M45										
900	1075	1020	31	24	M27	1115	1050	34	28	M30	1125	1050	40	28	M36						1185	1090	49	28	M45										
1000	1175	1120	31	28	M27	1230	1160	37	28	M33	1255	1170	43	28	M39						1320	1210	56	28	M52										

My notes

My notes

My notes

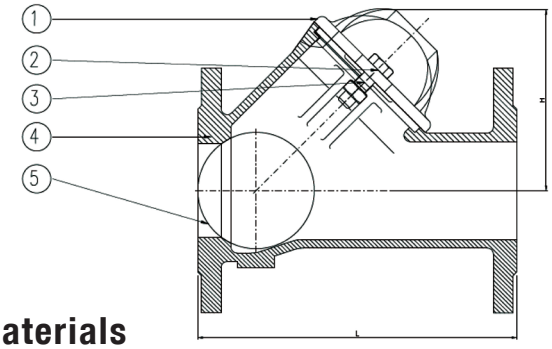
Ball check valves

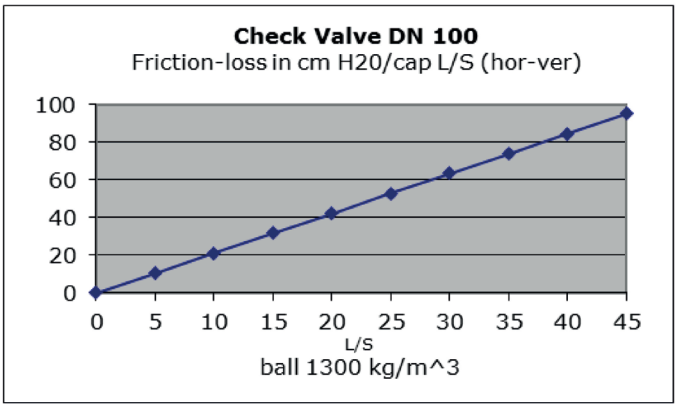
Type 4000
Cast iron ball check valve PN10/16
Flanged with NBR ball

The ball check valves are self-cleaning and with full passage. The ball rotates during operation to prevent impurities from sitting on the ball. The full and smooth bore ensures full flow with low pressure loss and eliminates the risk of deposits on the bottom. They are supplied as standard with an NBR rubber covered ball.
On request with Viton ball.

- Epoxy coated : in/out 250µ RAL5017.
- Fluids : wastewater, viscous liquids
- Max 70°C
- Ball : Aluminum/cast iron NBR rubber coated (option: Viton, Teflon)
- Construction : According to EN 12050-4, face to face DIN 3202 - F6
- Flanges drilled according to EN 1092-2 (PN10/16)

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.01.514	Ball check valve wastewater DN50 - PN16	200	98	5,5	€ 126,70
B5.01.518	Ball check valve wastewater DN65 - PN16	240	149	13	€ 168,90
B5.01.519	Ball check valve wastewater DN80 - PN16	260	149	13	€ 198,90
B5.01.520	Ball check valve wastewater DN100 - PN10	300	217	18	€ 278,00
B5.01.521	Ball check valve wastewater DN125 - PN10	350	257	37	€ 474,00
B5.01.522	Ball check valve wastewater DN150 - PN10	400	257	37	€ 530,00
B5.01.523	Ball check valve wastewater DN200 - PN10	500	335	68	€ 1.014,00
B5.01.060	Ball check valve wastewater DN250 - PN10	600	407	112	€ 2.105,00
B5.01.062	Ball check valve wastewater DN300 - PN10	700	479	163	€ 3.106,00
B5.01.064	Ball check valve wastewater DN350 - PN10	800	575	289	€ 4.357,00
B5.01.066	Ball check valve wastewater DN400 - PN10	900	696	416	€ 6.277,00





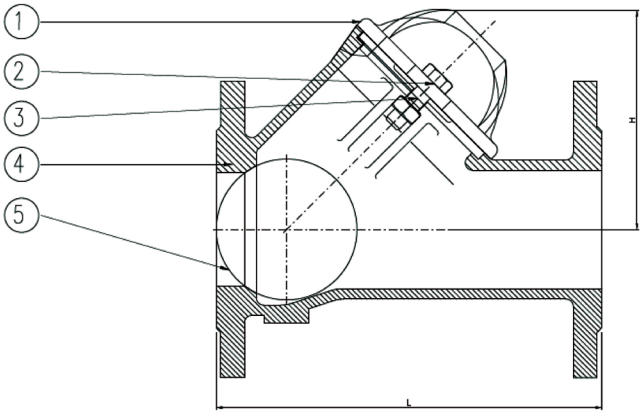
Materials
1 - Cover : Ductile iron GJS-400-15
2 - Bolts/nut : Stainless steel
3 - Seal : NBR
4 - Body : GJS-400-15 ductile iron
5 - Ball : Aluminum/Cast iron NBR coated

Type S4000
Stainless steel 316 ball check valve PN10/16
Flanged with NBR ball

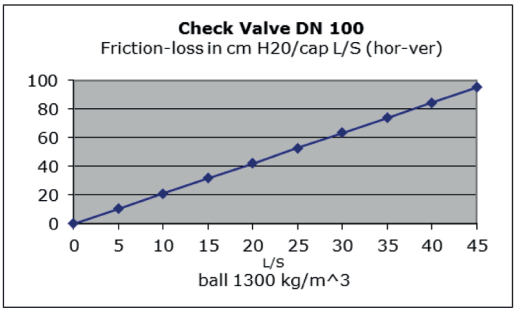
The ball check valves are self-cleaning and with full passage. The ball rotates during operation to prevent impurities from sitting on the ball. The full and smooth bore ensures full flow with low pressure loss and eliminates the risk of deposits on the bottom. They are supplied as standard with an NBR rubber covered ball.
On request with Viton ball.

- Fluids : wastewater, viscous liquids
- Max 70°C
- Ball : Aluminum/cast iron NBR rubber coated (option: Viton, Teflon)
- Construction : According to EN 12050-4, face to face DIN 3202 - F6
- Flanges drilled according to EN 1092-2 (PN10/16)

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.01.506	Ball check valve wastewater DN65 - PN16	230	149	13	€ 920,00
B5.01.507	Ball check valve wastewater DN80 - PN16	260	149	13	€ 1.057,00
B5.01.508	Ball check valve wastewater DN100 - PN10	300	217	18	€ 1.470,00
B5.01.543	Ball check valve wastewater DN150 - PN10	400	257	37	€ 3.865,00
B5.01.544	Ball check valve wastewater DN200 - PN10	500	335	68	€ 6.485,00



Materials
1 - Cover : Stainless steel 316
2 - Bolts/nut : Stainless steel 316/304
3 - Seal : NBR
4 - Body : stainless steel 316
5 - Ball : Aluminum, NBR rubber coated



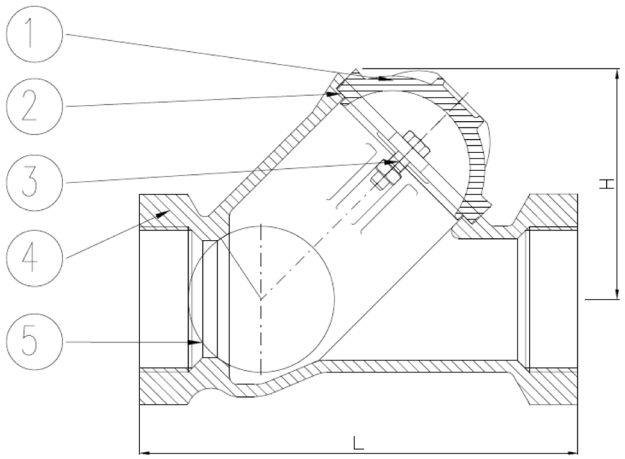
Ball check valves

Type 2000
Cast iron ball check valve PN10/16
F/F threaded with NBR ball

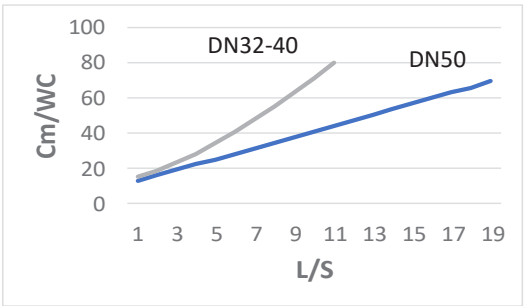
The ball check valves are self-cleaning and with full passage. The ball rotates during operation to prevent impurities from sitting on the ball. The full and smooth bore ensures full flow with low pressure loss and eliminates the risk of deposits on the bottom. They are supplied as standard with an NBR rubber covered ball.
On request with Viton or Teflon ball.

- Epoxy coated : in/out 250µ RAL5017
- Fluids : waste water, viscous liquids
- Max 70°C
- Ball : Aluminum NBR rubber coated (option: Viton, Teflon)
- Construction : according to EN12050-4, Standard BSP thread. PN10

Ref. No.	Product	ø (inch)	L (mm)	H (mm)	Kg	Gross price
B5.01.509	Ball check valve wastewater DN25 - PN10	1”	125	75	1,6	€ 70,00
B5.01.515	Ball check valve wastewater DN32 - PN10	1.1/4”	140	85	1,9	€ 75,50
B5.01.516	Ball check valve wastewater DN40 - PN10	1.1/2”	140	85	1,9	€ 75,50
B5.01.517	Ball check valve wastewater DN50 - PN10	2”	180	100	3,1	€ 86,00
B5.01.513	Ball check valve wastewater DN65 - PN10	2.1/2”	250	165	6,9	€ 114,00
B5.01.538	Ball check valve wastewater DN80 - PN10	3”	250	165	9	€ 150,00



Materials
1 - Cover : Ductile iron GJS-400-15
2 - Bolts/nut : Stainless steel
3 - Seal : NBR
4 - Body : GJS-400-15 ductile iron
5 - Ball : Aluminum NBR coated

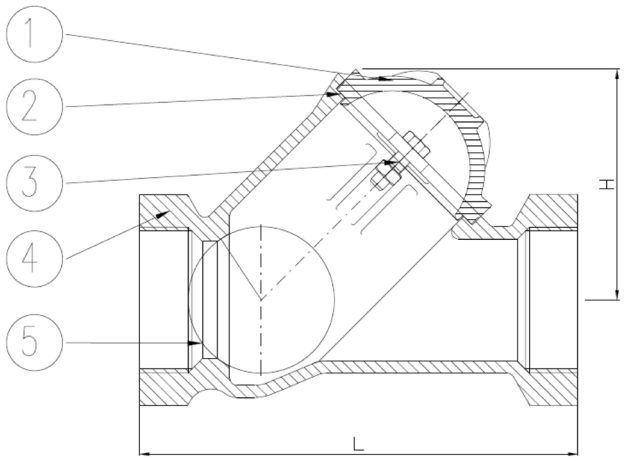


Type S2000
Stainless steel 316 ball check valve PN10/16
F/F threaded with NBR ball

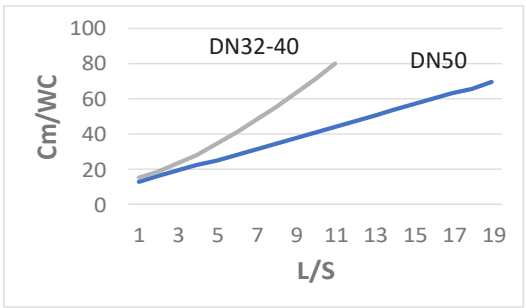
The ball check valves are self-cleaning and with full passage. The ball rotates during operation to prevent impurities from sitting on the ball. The full and smooth bore ensures full flow with low pressure loss and eliminates the risk of deposits on the bottom. They are supplied as standard with an NBR rubber covered ball.
On request with Viton or Teflon ball.

- Fluids : wastewater, viscous liquids
- Max 70°C
- Ball : Aluminum NBR rubber lined (option: Viton, Teflon)
- Construction : according to EN12050-4, Standard BSP thread. PN10/16

Ref. No.	Product	ø (inch)	L (mm)	H (mm)	Kg	Gross price
B5.01.501	Ball check valve wastewater DN40 - PN10	1.1/2”	140	85	2	€ 234,00
B5.01.511	Ball check valve wastewater DN50 - PN10	2”	180	100	3,1	€ 240,00



Materials
1 - Cover : Stainless steel 316
2 - Bolts/nut : SS 316/304
3 - Seal : NBR
4 - Body : stainless steel 316
5 - Ball : Aluminum, NBR rubber coated



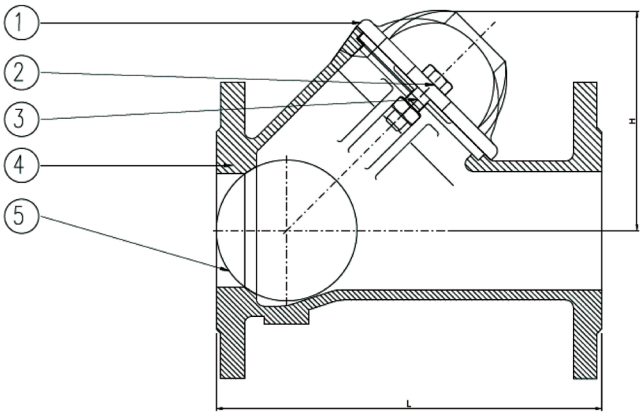
Ball check valves

Type 4000D
Cast iron ball check valve PN10/16
Flanged with NBR ball - **With lifting system**

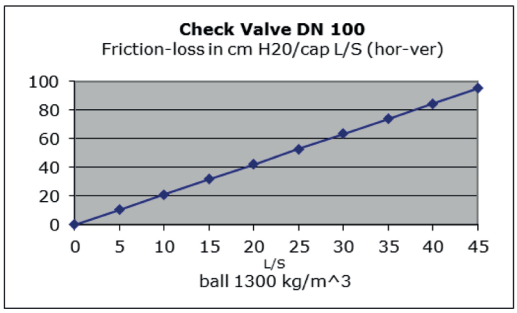
The ball check valves are self-cleaning and with full passage. The ball rotates during operation to prevent impurities from sitting on the ball. The full and smooth bore ensures full flow with low pressure loss and eliminates the risk of deposits on the bottom. They are supplied as standard with an NBR rubber covered ball.
On request with Viton ball.

- With lifting system
- Vertical or horizontal installation
- Epoxy coated : in/out 250µ RAL5017
- Fluids : wastewater, viscous liquids
- Max 70°C
- Ball : Aluminum/cast iron NBR rubber coated (option: Viton, Teflon)
- Construction : According to EN 12050-4, face to face DIN 3202 - F6
- Flanges drilled according to EN 1092-2 (PN10/16)

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.01.070	Ball check valve wastewater DN50 - PN16	200	98	5,5	€ 214,00
B5.01.072	Ball check valve wastewater DN65 - PN16	240	149	13	€ 259,00
B5.01.074	Ball check valve wastewater DN80 - PN16	260	149	13	€ 368,00
B5.01.076	Ball check valve wastewater DN100 - PN10	300	217	18	€ 389,00
B5.01.078	Ball check valve wastewater DN125 - PN10	350	257	37	€ 563,00
B5.01.080	Ball check valve wastewater DN150 - PN10	400	257	37	€ 629,00
B5.01.082	Ball check valve wastewater DN200 - PN10	500	335	68	€ 1.114,00



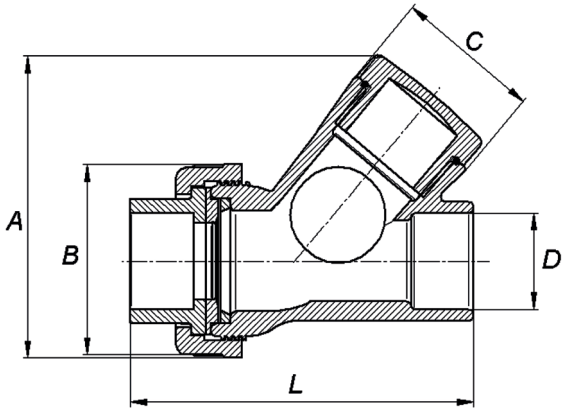
Materials
1 - Cover : Ductile iron GJS-400-15
2 - Bolts/nut : Stainless steel
3 - Gasket: NBR
4 - Body : GJS-400-15 ductile iron
5 - Ball : Aluminum/Cast iron NBR coated



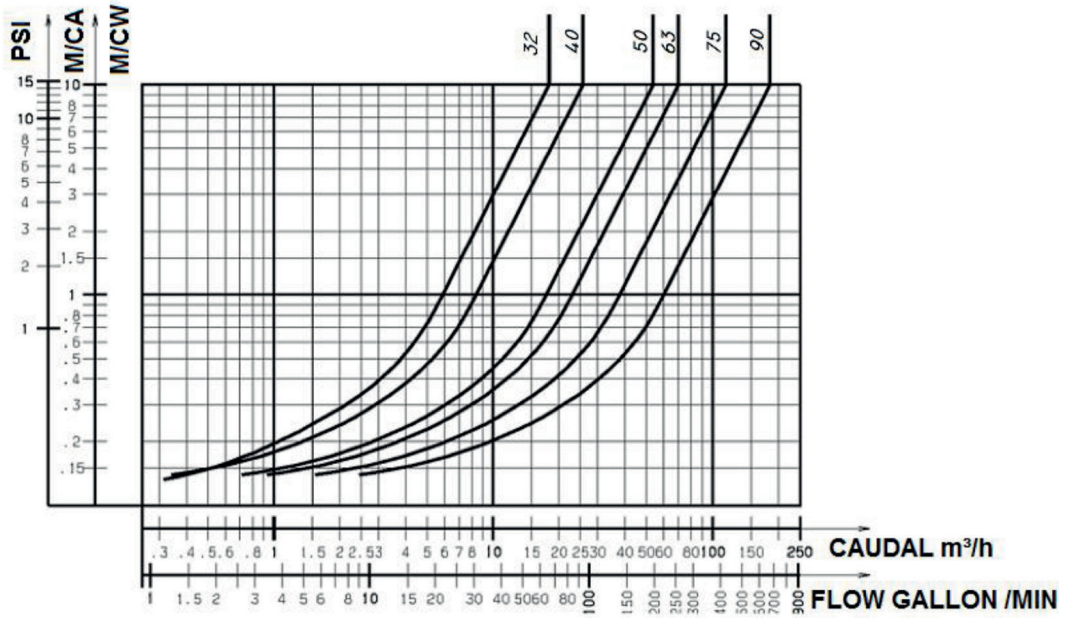
U-PVC ball check valve PN10

Solvent socket with EPDM ball

- Working temperature : 0-60°C
- Max. pressure : 10 bars
- Vertical and horizontal installation (flow direction is indicated by the arrow on the body)
- Checking plug
- Low pressure loss
- Applications : waste water, water supply, water distribution and water evacuation
- According to EN 12050-4
- F/F BSP cylindrical as per EN ISO 228-1:2003 standard ISO 7-1:1994, DIN EN 10226-1:2004-10



Ref. No.	Product	A(mm)	B(mm)	C(mm)	D(mm)	Kg	Gross price
B5.06.142	PVC ball check valve 32 mm - PN10	104	67	59	32	0,227	€ 29,00
B5.06.143	PVC ball check valve 40 mm - PN10	127	81	61	40	0,440	€ 32,70
B5.06.144	PVC ball check valve 50 mm - PN10	158	99	71	50	0,739	€ 44,40
B5.06.145	PVC ball check valve 63 mm - PN10	181	112	90	63	1,186	€ 63,10
B5.06.127	PVC ball check valve 75 mm - PN10	238	154	114	75	3,510	€ 129,20
B5.06.129	PVC ball check valve 90 mm - PN10	286	178	137	90	4,305	€ 185,10

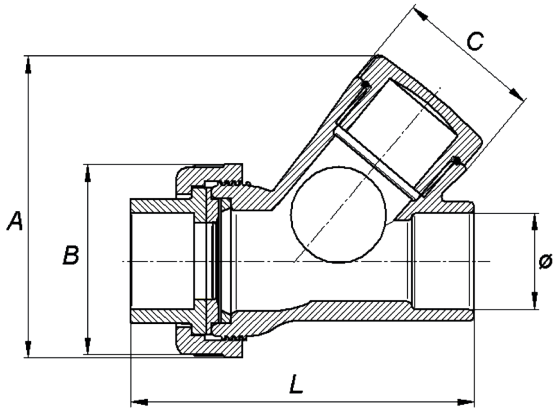


Ball check valves

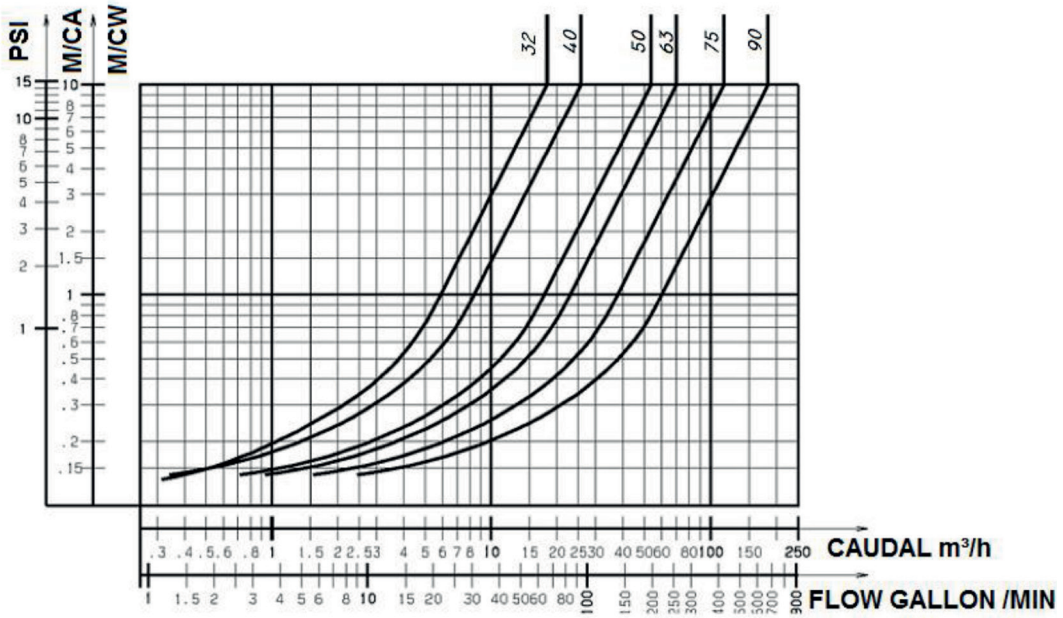
U-PVC ball check valve PN10

BSP female threaded with EPDM ball

- Working temperature : 0-60°C
- Max. pressure : 10 bars
- Vertical and horizontal installation (flow direction is indicated by the arrow on the body)
- Checking plug
- Low pressure loss
- Applications : waste water, water supply, water distribution and water evacuation
- According to EN 12050-4
- F/F BSP cylindrical as per EN ISO 228-1:2003 standard ISO 7-1:1994, DIN EN 10226-1:2004-10



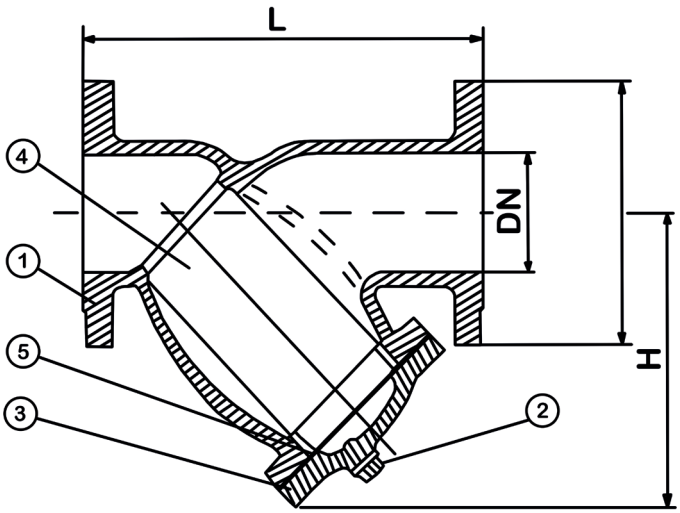
Ref. No.	Product	A(mm)	B(mm)	C(mm)	ø(inch)	Kg	Gross price
B5.06.132	PVC ball check valve DN25 - PN10	104	67	59	1”	0,227	€ 31,00
B5.06.133	PVC ball check valve DN32 - PN10	127	81	61	1.1/4”	0,440	€ 35,40
B5.06.134	PVC ball check valve DN40 - PN10	158	99	71	1.1/2”	0,739	€ 48,70
B5.06.136	PVC ball check valve DN50 - PN10	181	112	90	2”	1,186	€ 69,00
B5.06.137	PVC ball check valve DN65 - PN10	238	154	114	2.1/2”	3,510	€ 137,20
B5.06.138	PVC ball check valve DN80 - PN10	286	178	137	3”	4,305	€ 196,40



Type Y4800
Cast iron Y strainers

Face to face dimensions according to DIN3202 F1 / EN558-1 series 1
Flange dimensions according to BS EN1092
Nominal Pressure PN10
Mesh : stainless steel AISI 304.

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.02.560	Cast iron Y strainer DN40 PN10	200	105	150	€ 63,10
B5.02.562	Cast iron Y strainer DN50 PN10	230	170	165	€ 87,10
B5.02.564	Cast iron Y strainer DN65 PN10	290	205	185	€ 112,00
B5.02.566	Cast iron Y strainer DN80 PN10	310	210	200	€ 140,20
B5.02.568	Cast iron Y strainer DN100 PN10	350	235	220	€ 216,00
B5.02.570	Cast iron Y strainer DN125 PN10	400	270	250	€ 269,00
B5.02.572	Cast iron Y strainer DN150 PN10	480	310	285	€ 390,00
B5.02.574	Cast iron Y strainer DN200 PN10	600	390	340	€ 744,00
B5.02.576	Cast iron Y strainer DN250 PN10	730	430	405	€ 1.175,00
B5.02.578	Cast iron Y strainer DN300 PN10	850	500	460	€ 1.711,00



Materials

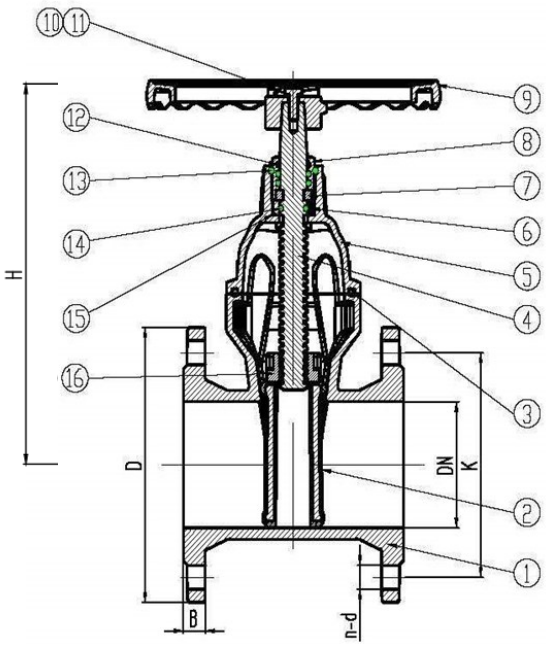
1 - Body : cast iron
2 - Plug : cast iron
3 - Cover : cast iron
4 - Screen : stainless steel AISI 304
5 - Gasket : graphite

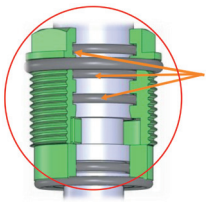
Resilient seat gate valves

Type S140
F4 gate valve PN10/16
Flanged with EPDM seal

This Aqualine gate valve complies with ISO 9001 standards and in WRAS and ACS certified.
- EN 1092-flanges
- EPDM-seal PN10 or PN16

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.01.010	F4 gate valve DN 50 - PN16 - EPDM	150	215	9,1	€ 120,00
B5.01.015	F4 gate valve DN 65 - PN16 - EPDM	170	250	12,5	€ 153,50
B5.01.020	F4 gate valve DN 80 - PN16 - EPDM	180	275	14,9	€ 176,50
B5.01.025	F4 gate valve DN 100 - PN16 - EPDM	190	320	19,9	€ 227,00
B5.01.030	F4 gate valve DN 125 - PN16 - EPDM	200	355	23,7	€ 315,00
B5.01.035	F4 gate valve DN 150 - PN16 - EPDM	210	398	31,4	€ 373,00
B5.01.040	F4 gate valve DN 200 - PN10 - EPDM	230	495	49,8	€ 600,00
B5.01.042	F4 gate valve DN 250 - PN10 - EPDM	250	590	80,7	€ 938,00
B5.01.045	F4 gate valve DN 300 - PN10 - EPDM	270	670	109,7	€ 1.245,00
B5.01.050	F4 gate valve DN 350 - PN10 - EPDM	290	850	161	€ 2.250,00
B5.01.055	F4 gate valve DN 400 - PN10 - EPDM	310	900	180	€ 2.850,00





4 x O-ring stem
3 x top rings replaceable under pressure

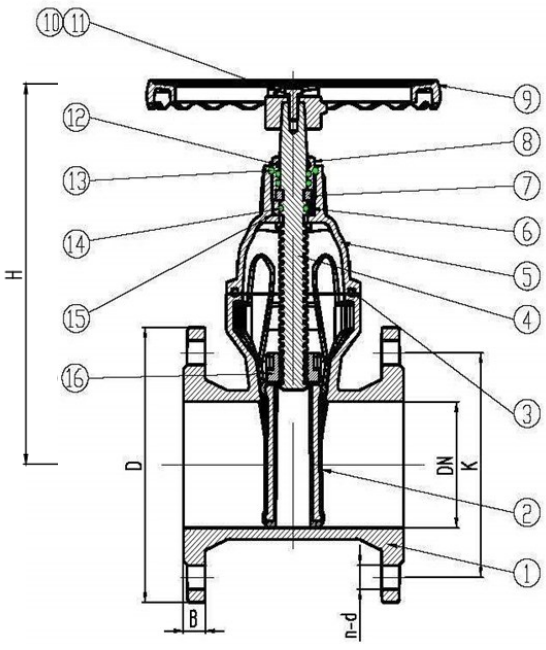
No.	Part	Material	Standard
1	Body	GJS 500-7	EN 1563
2	Wedge	EPDM + GJS 500-7	EN 1563
3	Seal	NBR	ISO 4633
4	Stem	SS420	EN 10088-1
5	Cover	GJS 500-7	EN 1563
6	Pressure ring	CuZn39Pb1	EN 12167
7	Sleeve	CuZn39Pb1	EN 12167
8	Gasket	GJS 500-7	EN 1563
9	Handwheel	GJS 500-7	EN 1563
10	Nut	RVS 304	EN 10088-1
11	Ring	RVS 304	EN 10088-1
12	Dust cap	NBR	EN 1563
13	O-ring	NBR	EN 1563
14	O-ring	NBR	EN 1563
15	O-ring	NBR	EN 1563
16	Stem nut	CuZn39Pb1	EN 12167

Resilient seat gate valves

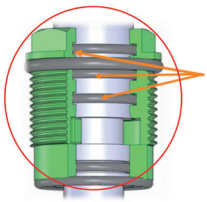
Type S150
F5 gate valve PN10/16
Flanged with EPDM seal

This Aqualine gate valve complies with ISO 9001 standards and in WRAS and ACS certified.
- EN 1092-flanges
- EPDM-seal PN10 or PN16

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.02.450	F5 wedge gate valve DN 50 - PN16 - EPDM	250	215	11	€ 128,50
B5.02.452	F5 wedge gate valve DN 65 - PN16 - EPDM	270	250	13,1	€ 162,00
B5.02.454	F5 wedge gate valve DN 80 - PN16 - EPDM	280	275	16	€ 188,00
B5.02.456	F5 wedge gate valve DN 100 - PN16 - EPDM	300	320	20,6	€ 240,00
B5.02.458	F5 wedge gate valve DN 125 - PN16 - EPDM	325	355	25,5	€ 335,00
B5.02.460	F5 wedge gate valve DN 150 - PN16 - EPDM	350	398	33,1	€ 430,00
B5.02.462	F5 wedge gate valve DN 200 - PN10 - EPDM	400	495	54,2	€ 700,00
B5.02.464	F5 wedge gate valve DN 250 - PN10 - EPDM	450	590	92,1	€ 1.052,00
B5.02.466	F5 wedge gate valve DN 300 - PN10 - EPDM	500	670	124,5	€ 1.425,00
B5.02.468	F5 wedge gate valve DN 350 - PN10 - EPDM	550	850	190	€ 2.400,00
B5.02.470	F5 wedge gate valve DN 400 - PN10 - EPDM	600	900	230	€ 3.157,00



No.	Part	Material	Standard
1	Body	GJS 500-7	EN 1563
2	Wedge	EPDM + GJS 500-7	EN 1563
3	Seal	NBR	ISO 4633
4	Stem	SS420	EN 10088-1
5	Cover	GJS 500-7	EN 1563
6	Pressure ring	CuZn39Pb1	EN 12167
7	Sleeve	CuZn39Pb1	EN 12167
8	Gasket	GJS 500-7	EN 1563
9	Handwheel	GJS 500-7	EN 1563
10	Nut	RVS 304	EN 10088-1
11	Ring	RVS 304	EN 10088-1
12	Dust cap	NBR	EN 1563
13	O-ring	NBR	EN 1563
14	O-ring	NBR	EN 1563
15	O-ring	NBR	EN 1563
16	Stem nut	CuZn39Pb1	EN 12167



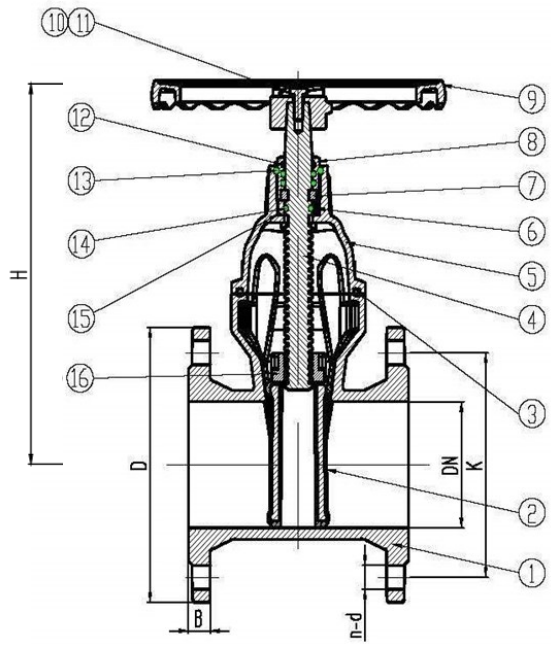
4 x O-ring stem
3 x top rings replaceable under pressure

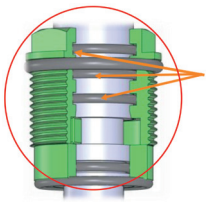
Resilient seat gate valves

Type S140
F4 wedge gate valve PN10/16
Flanged with NBR seal

This Aqualine gate valve complies with ISO 9001 standards.
- EN 1092-flanges
- NBR seal PN10 or PN16

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.01.011	F4 gate valve DN 50 - PN16 - NBR	150	215	9,1	€ 120,00
B5.01.016	F4 gate valve DN 65 - PN16 - NBR	170	250	12,5	€ 153,50
B5.01.021	F4 gate valve DN 80 - PN16 - NBR	180	275	14,9	€ 176,50
B5.01.026	F4 gate valve DN 100 - PN16 - NBR	190	320	19,9	€ 227,00
B5.01.031	F4 gate valve DN 125 - PN16 - NBR	200	355	23,7	€ 315,00
B5.01.036	F4 gate valve DN 150 - PN16 - NBR	210	398	31,4	€ 373,00
B5.01.041	F4 gate valve DN 200 - PN10 - NBR	230	495	49,8	€ 600,00
B5.01.043	F4 gate valve DN 250 - PN10 - NBR	250	590	80,7	€ 938,00
B5.01.046	F4 gate valve DN 300 - PN10 - NBR	270	670	109,7	€ 1.245,00
B5.01.051	F4 gate valve DN 350 - PN10 - NBR	290	850	161	€ 2.250,00
B5.01.056	F4 gate valve DN 400 - PN10 - NBR	310	900	180	€ 2.850,00





4 x O-ring stem
3 x top rings replaceable under pressure

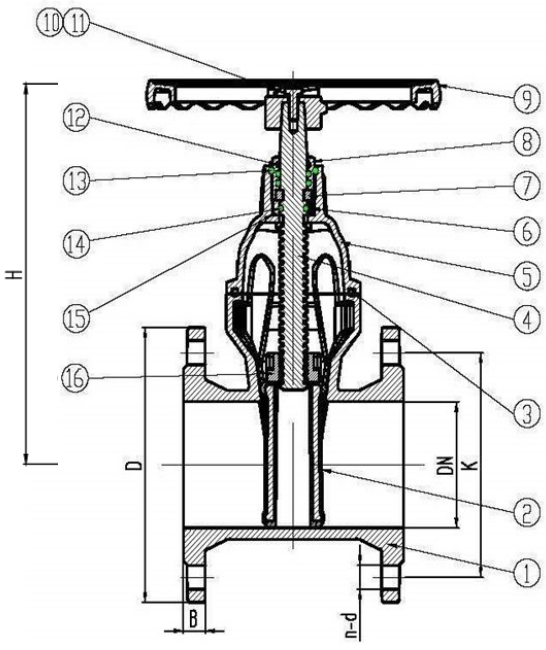
No.	Part	Material	Standard
1	Body	GJS 500-7	EN 1563
2	Wedge	NBR + GJS 500-7	EN 1563
3	Seal	NBR	ISO 4633
4	Stem	SS420	EN 10088-1
5	Cover	GJS 500-7	EN 1563
6	Pressure ring	CuZn39Pb1	EN 12167
7	Sleeve	CuZn39Pb1	EN 12167
8	Gasket	GJS 500-7	EN 1563
9	Handwheel	GJS 500-7	EN 1563
10	Nut	RVS 304	EN 10088-1
11	Ring	RVS 304	EN 10088-1
12	Dust ring	NBR	EN 1563
13	O-ring	NBR	EN 1563
14	O-ring	NBR	EN 1563
15	O-ring	NBR	EN 1563
16	Stem nu	CuZn39Pb1	EN 12167

Resilient seat gate valves

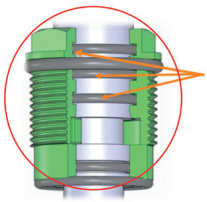
Type S150
F5 wedge gate valve PN10/16
Flanged with NBR seal

This Aqualine gate valve complies with ISO 9001 standards.
- EN 1092-flanges
- NBR seal PN10 or PN16

Ref. No.	Product	L (mm)	H (mm)	Kg	Gross price
B5.02.472	F5 gate valve DN 50 - PN16 - NBR	250	215	11	€ 128,50
B5.02.474	F5 gate valve DN 65 - PN16 - NBR	270	250	13,1	€ 162,00
B5.02.476	F5 gate valve DN 80 - PN16 - NBR	280	275	16	€ 188,00
B5.02.478	F5 gate valve DN 100 - PN16 - NBR	300	320	20,6	€ 240,00
B5.02.480	F5 gate valve DN 125 - PN16 - NBR	325	355	25,5	€ 335,00
B5.02.482	F5 gate valve DN 150 - PN16 - NBR	350	398	33,1	€ 430,00
B5.02.484	F5 gate valve DN 200 - PN10 - NBR	400	495	54,2	€ 700,00
B5.02.486	F5 gate valve DN 250 - PN10 - NBR	450	590	92,1	€ 1.052,00
B5.02.488	F5 gate valve DN 300 - PN10 - NBR	500	670	124,5	€ 1.425,00
B5.02.490	F5 gate valve DN 350 - PN10 - NBR	550	850	190	€ 2.400,00
B5.02.492	F5 gate valve DN 400 - PN10 - NBR	600	900	230	€ 3.157,00



No.	Part	Material	Standard
1	Body	GJS 500-7	EN 1563
2	Wedge	NBR + GJS 500-7	EN 1563
3	Seal	NBR	ISO 4633
4	Stem	SS420	EN 10088-1
5	Cover	GJS 500-7	EN 1563
6	Pressure ring	CuZn39Pb1	EN 12167
7	Sleeve	CuZn39Pb1	EN 12167
8	Gasket	GJS 500-7	EN 1563
9	Handwheel	GJS 500-7	EN 1563
10	Nut	RVS 304	EN 10088-1
11	Ring	RVS 304	EN 10088-1
12	Dust ring	NBR	EN 1563
13	O-ring	NBR	EN 1563
14	O-ring	NBR	EN 1563
15	O-ring	NBR	EN 1563
16	Stem nut	CuZn39Pb1	EN 12167



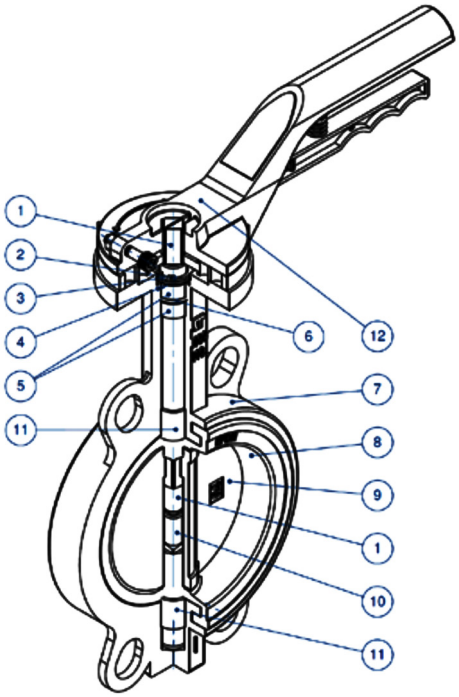
4 x O-ring stem
3 x top rings replaceable under pressure

Butterfly valve PN10/16

Wafer type, EPDM replaceable seat

Butterfly valve wafer type stainless steel disc EPDM seat
Made of ductile Iron GGG-40 (GJS-400)
Epoxy coating Epoxy RAL5013
Stainless steel disc AISI-316
EPDM seat gasket soft seat
Design according to EN-12334, DIN 3202, EN 558-1
Flanges according to UNE-1902-2 PN10-PN16 Ansi B16.5
Working pressure (Max): 2"-12" 16 Bar (250 PSI)
Working temperature: -20ºC / 120ºC

Ref. No.	Product	ø (inch)	L (mm)	H (mm)	Kg	Gross price
B3.90.117	Butterfly valve DN 50 - PN10/16 - EPDM	2"	43	215	9,1	€ 120,00
B3.90.118	Butterfly valve DN 65 - PN10/16 - EPDM	2.1/2"	46	250	12,5	€ 153,50
B3.90.119	Butterfly valve DN 80 - PN10/16 - EPDM	3"	180	275	14,9	€ 176,50
B3.90.121	Butterfly valve DN 100 - PN10/16 - EPDM	4"	190	320	19,9	€ 227,00
B3.90.123	Butterfly valve DN 125 - PN10/16 - EPDM	5"	200	355	23,7	€ 315,00
B3.90.125	Butterfly valve DN 150 - PN10/16 - EPDM	6"	210	398	31,4	€ 373,00
B3.90.127	Butterfly valve DN 200 - PN10/16 - EPDM	8"	230	495	49,8	€ 600,00



No.	Part	Material	Standard
1	Upper stem	Stainless steel	ASTM A420
2	Cir clip	Spring steel	ASTM A29M
3	Flat gasket	Carbon steel	Q235
4	Clam spring	Spring steel	ASTM A29M
5	Bushing	PTFE + FG	PTFE + FG
6	O-Ring	NBR	NBR
7	Body	Ductile iron	GGG40
8	Disc seat	EPDM	EPDM Shore 70
9	Disc	Stainless steel	ASTM A276 AISI 316 EN1.4401
10	Lower stem	Stainless steel	ASTM A420
11	Bushing	PTFE + FG	PTFE + FG
12	Lever	Aluminium	Aluminium

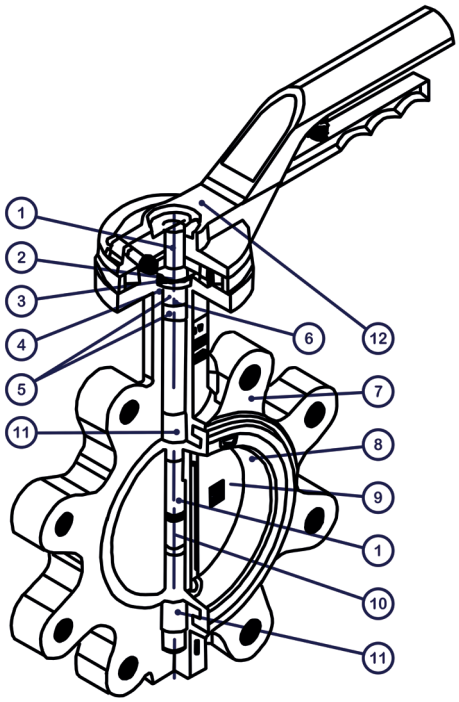
Applications: HVAC, water treatment and distribution systems, mining industry, shipbuilding, sanitary systems.

Butterfly valve PN10/16

Lug type, NBR replaceable seat

Butterfly valve lug type stainless steel disc EPDM seat
Made of ductile Iron GGG-40
Epoxy coating Epoxy RAL5013
Stainless steel disc AISI-316
NBR seat gasket soft seat
Manufactured according to standards: EN-1092-2 PN16
Working pressure (Max): 16 Bar: 2”-6” 16 / 10 Bar: 8”-12”
Working temperature: -20ºC / 80ºC

Ref. No.	Product	ø (inch)	L (mm)	H (mm)	Kg	Gross price
B3.90.140	Butterfly valve DN 50 - PN10/16 - EPDM	2”	43	215	9,1	€ 69,60
B3.90.142	Butterfly valve DN 65 - PN10/16 - EPDM	2.1/2”	46	250	12,5	€ 80,60
B3.90.144	Butterfly valve DN 80 - PN10/16 - EPDM	3”	180	275	14,9	€ 104,30
B3.90.146	Butterfly valve DN 100 - PN10/16 - EPDM	4”	190	320	19,9	€ 135,20
B3.90.148	Butterfly valve DN 125 - PN10/16 - EPDM	5”	200	355	23,7	€ 189,20
B3.90.150	Butterfly valve DN 150 - PN10/16 - EPDM	6”	210	398	31,4	€ 215,00
B3.90.152	Butterfly valve DN 200 - PN10 - EPDM	8”	230	495	49,8	€ 389,00



No.	Part	Material	Standard
1	Upper stem	Stainless steel	ASTM A420
2	Cir clip	Spring steel	ASTM A29M
3	Flat gasket	Carbon steel	Q235
4	Clam spring	Spring steel	ASTM A29M
5	Bushing	PTFE + FG	PTFE + FG
6	O-Ring	NBR	NBR
7	Body	Ductile iron	GGG40
8	Disc seat	NBR	NBR Shore 70
9	Disc	Stainless steel	ASTM A276 AISI 316 EN1.4401
10	Lower stem	Stainless steel	ASTM A420
11	Bushing	PTFE + FG	PTFE + FG
12	Lever Gear box	Aluminium Cast Iron	Aluminium GG25

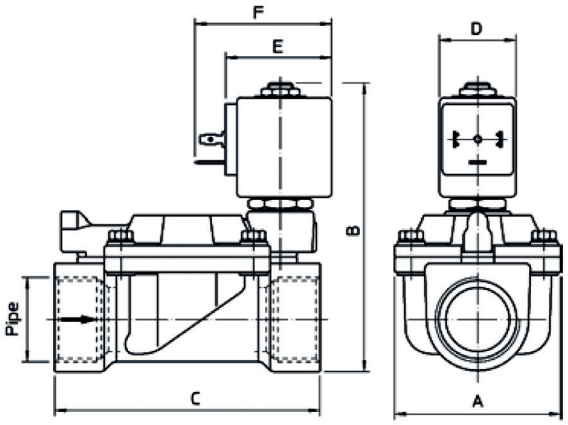
Applications: HVAC, water treatment and distribution systems, mining industry, shipbuilding, sanitary systems.

21WKB solenoid valve - NBR/FKM

Normally closed, indirect acting

NC : Normally Closed
2/2 way indirect acting
Max. working pressure : 0,2 - 16 bar
Material: Brass body and stainless steel inner parts
Seals : NBR (FKM/EPDM available on request)
Medium temperature: -10° to 90°C (NBR), (FKM/EPDM: -10° to 140°C)
Coil voltages : 230V/50Hz Standard
Other connection voltages on request : 24/50, 24=12/50,12=...
Protection class : DIN 40050 / IP65 (complete with electric plug)
Media : non-aggressive gases and liquids, air, water, mineral oils

Ref. No.	Product	ø (inch)	Gross price
B4.12.410	21WKB solenoid valve DN 10 - PN16 - NBR	3/8”	€ 99,00
B4.12.412	21WKB solenoid valve DN 15 - PN16 - NBR	1/2”	€ 99,00
B4.12.414	21WKB solenoid valve DN 20 - PN16 - NBR	3/4”	€ 159,60
B4.12.416	21WKB solenoid valve DN 25 - PN16 - NBR	1”	€ 174,80
B4.12.418	21WKB solenoid valve DN 32 - PN10 - NBR	1.1/4”	€ 341,00
B4.12.420	21WKB solenoid valve DN 40 - PN10 - NBR	1.1/2”	€ 361,00
B4.12.422	21WKB solenoid valve DN 50 - PN10 - NBR	2”	€ 491,00



DN ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
3/8”	40	97	60	30	42	54
1/2”	40	97	66	30	42	54
3/4”	65	105	104	30	42	54
1”	65	112	101	30	42	54
1.1/4”	98	125	144	30	42	54
1.1/2”	98	125	144	30	42	54
2”	118	141	172	30	42	54

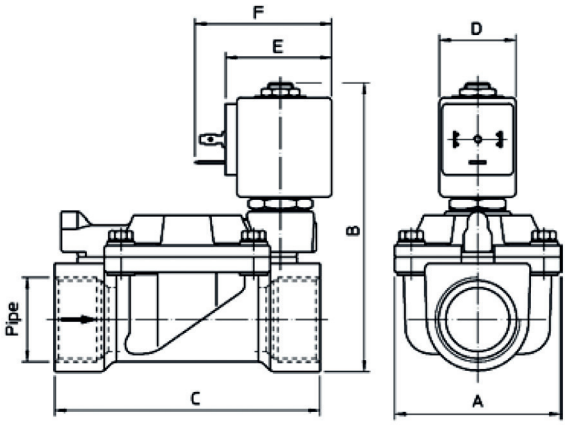
Applications: air, carwash, compressors, filling machines, fuel gases, industrial automation, irrigation, packaging, thermoregulation, water, water treatment.

21WKB manual solenoid valve - NBR/FKM

Normally closed, indirect acting

NC : Normally Closed
2/2 way indirect acting + manual override and closing speed control
Max. working pressure : 0,2 - 16 bar
Material: Brass body and stainless steel inner parts
Seals : NBR (EPDM available on request)
Medium temperature: -10° to 90°C (NBR)
Coil voltages : 230V/50Hz Standard
Other connection voltages on request : 24/50, 24=12/50,12=...
Protection class : DIN 40050 / IP65 (complete with electric plug)
Media : non-aggressive gases and liquids, air, water, mineral oils

Ref. No.	Product	ø (inch)	Gross price
B4.12.424	21WKB manual solenoid valve DN 20 - PN16 - NBR	3/4”	€ 195,80
B4.12.426	21WKB manual solenoid valve DN 25 - PN16 - NBR	1”	€ 197,60
B4.12.428	21WKB manual solenoid valve DN 32 - PN10 - NBR	1.1/4”	€ 364,00
B4.12.430	21WKB manual solenoid valve DN 40 - PN10 - NBR	1.1/2”	€ 384,00
B4.12.432	21WKB manual solenoid valve DN 50 - PN10 - NBR	2”	€ 514,00



DN ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
3/8”	40	97	60	30	42	54
1/2”	40	97	66	30	42	54
3/4”	65	105	104	30	42	54
1”	65	112	101	30	42	54
1.1/4”	98	125	144	30	42	54
1.1/2”	98	125	144	30	42	54
2”	118	141	172	30	42	54

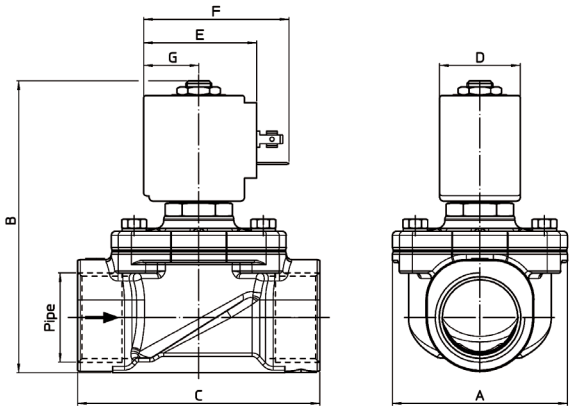
Applications: air, carwash, compressors, filling machines, fuel gases, industrial automation, irrigation, packaging, thermoregulation, water, water treatment.

21IHKV inox solenoid valve - FKM

Normally closed, indirect acting

NC : Normally Closed
2/2 way combined acting, minimum pressure not required
Max. working pressure : 0,2 - 16 bar
Textyle diaphragm for heavy duty applications
Material: stainless steel body and stainless steel inner parts
AISI 316 for high compatibility with aggressive fluids
Seals : FKM (NBR available on request)
Medium temperature: -10° to 140°C (FKM)
Coil voltages : 230V/50Hz Standard
Other connection voltages on request : 24/50, 24=12/50,12=...
Protection class : DIN 40050 / IP65 (complete with electric plug)
Media : air, water, mineral oils, gasoline, diesel

Ref. No.	Product	ø (inch)	Gross price
B4.12.434	21IHKV stainless steel solenoid valve DN 10 - PN16 - NBR	3/8”	€ 323,00
B4.12.436	21IHKV stainless steel solenoid valve DN 15 - PN16 - NBR	1/2”	€ 341,00
B4.12.438	21IHKV stainless steel solenoid valve DN 20 - PN16 - NBR	3/4”	€ 394,00
B4.12.440	21IHKV stainless steel solenoid valve DN 25 - PN16 - NBR	1”	€ 538,00
B4.12.442	21IHKV stainless steel solenoid valve DN 32 - PN10 - NBR	1.1/4”	€ 1.024,00
B4.12.444	21IHKV stainless steel solenoid valve DN 40 - PN10 - NBR	1.1/2”	€ 1.071,00



DN ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
3/8”	40	97	60	30	42	54
1/2”	40	97	66	30	42	54
3/4”	65	105	104	30	42	54
1”	65	112	101	30	42	54
1.1/4”	98	125	144	30	42	54
1.1/2”	98	125	144	30	42	54
2”	118	141	172	30	42	54

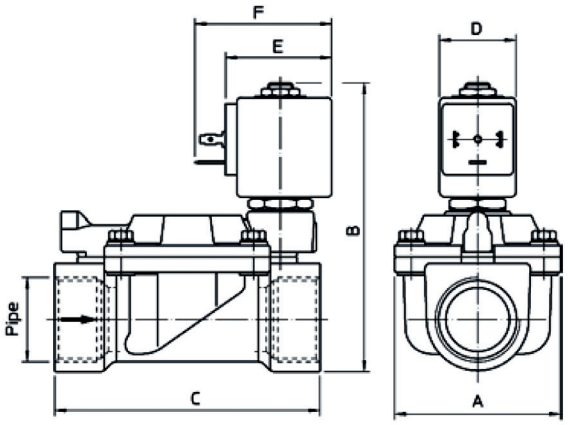
Applications: industrial automation, thermoregulation, chemical/petrochemical

21WZB solenoid valve - NBR

Normally open, indirect acting

NO : Normally Open
2/2 way indirect acting
Max. working pressure : 0,2 - 16 bar
Material: Brass body and stainless steel inner parts
Seals : NBR (FKM/EPDM available on request)
Medium temperature: -10° to 90°C (NBR), (FKM/EPDM: -10° to 140°C)
Coil voltages : 230V/50Hz Standard
Other connection voltages on request : 24/50, 24=12/50,12=...
Protection class : DIN 40050 / IP65 (complete with electric plug)
Media : non-aggressive gases and liquids, air, water, mineral oils

Ref. No.	Product	ø (inch)	Gross price
B4.12.446	21WZB solenoid valve DN 10 - PN16 - NBR	3/8”	€ 132,50
B4.12.448	21WZB solenoid valve DN 15 - PN16 - NBR	1/2”	€ 132,50
B4.12.450	21WZB solenoid valve DN 20 - PN16 - NBR	3/4”	€ 185,10
B4.12.452	21WZB solenoid valve DN 25 - PN16 - NBR	1”	€ 201,00
B4.12.454	21WZB solenoid valve DN 32 - PN10 - NBR	1.1/4”	€ 367,00
B4.12.456	21WZB solenoid valve DN 40 - PN10 - NBR	1.1/2”	€ 386,00
B4.12.458	21WZB solenoid valve DN 50 - PN10 - NBR	2”	€ 517,00



DN ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
3/8”	40	97	60	30	42	54
1/2”	40	97	66	30	42	54
3/4”	65	105	104	30	42	54
1”	65	112	101	30	42	54
1.1/4”	98	125	144	30	42	54
1.1/2”	98	125	144	30	42	54
2”	118	141	172	30	42	54

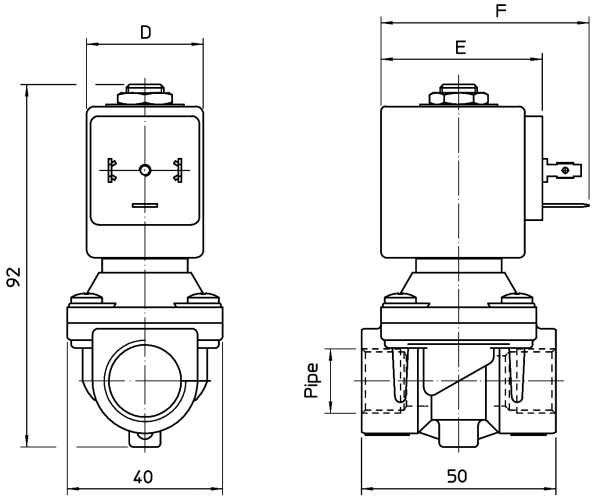
Applications: air, carwash, compressors, filling machines, fuel gases, industrial automation, irrigation, packaging, thermoregulation, water, water treatment.

21HK solenoid valve - NBR

Normally closed, indirect acting

NC : Normally Closed
2/2 way combined acting, minimum pressure not required
Max. working pressure : 0,2 - 16 bar
Textyle diaphragm for heavy duty applications
Material: stainless steel body and stainless steel inner parts
AISI 316 for high compatibility with aggressive fluids
Seals : NBR
Medium temperature: -10° to 140°C (NBR)
Coil voltages : 230V/50Hz Standard
Other connection voltages on request : 24/50, 24=12/50,12=...
Protection class : DIN 40050 / IP65 (complete with electric plug)
Media : air, water, mineral oils, gasoline, diesel

Ref. No.	Product	ø (inch)	Gross price
B4.12.460	21HK solenoid valve DN 10 - PN16 - NBR	3/8”	€ 90,50
B4.12.462	21HK solenoid valve DN 15 - PN16 - NBR	1/2”	€ 90,50
B4.12.464	21HK solenoid valve DN 20 - PN16 - NBR	3/4”	€ 107,00
B4.12.466	21HK solenoid valve DN 25 - PN16 - NBR	1”	€ 210,00



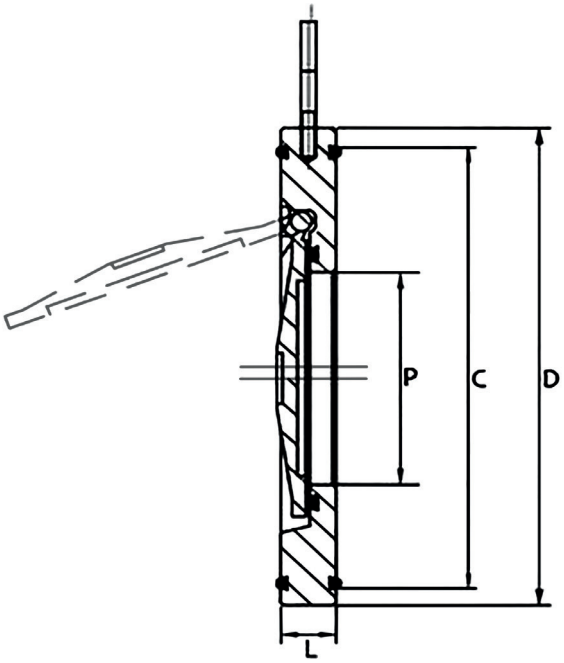
DN ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
3/8”	40	97	60	30	42	54
1/2”	40	97	66	30	42	54
3/4”	65	105	104	30	42	54
1”	65	112	101	30	42	54
1.1/4”	98	125	144	30	42	54
1.1/2”	98	125	144	30	42	54
2”	118	141	172	30	42	54

Applications: air, carwash, industrial automation, industrial washing machines, packaging, thermoregulation, water, water treatment.

Type 118
Single disc check valve - EPDM
Steel chrome plated, thin wafer swing type

Low pressure
Material body & disc : chrome plated steel
Design and manufacture : API6D
Assembly between flange DIN PN10/16 & ANSI CL150
Test & check : API598
Suitable temperature : -10~+120°C (EPDM)
Media : clear water, waste water, alimentary fluids

Ref. No.	Product	ø (inch)	Gross price
B5.02.540	Check valve single disc - EPDM - DN 50 - PN16	2”	€ 37,60
B5.02.542	Check valve single disc - EPDM - DN 65 - PN16	2.1/2”	€ 47,60
B5.02.544	Check valve single disc - EPDM - DN 80 - PN16	3”	€ 52,20
B5.02.546	Check valve single disc - EPDM - DN 100 - PN16	4”	€ 74,20
B5.02.548	Check valve single disc - EPDM - DN 125 - PN16	5”	€ 108,00
B5.02.550	Check valve single disc - EPDM - DN 150 - PN16	6”	€ 136,40
B5.02.552	Check valve single disc - EPDM - DN 200 - PN10	8”	€ 217,00
B5.02.554	Check valve single disc - EPDM - DN 250 - PN10	10”	€ 325,00
B5.02.556	Check valve single disc - EPDM - DN 300 - PN10	12”	€ 437,00



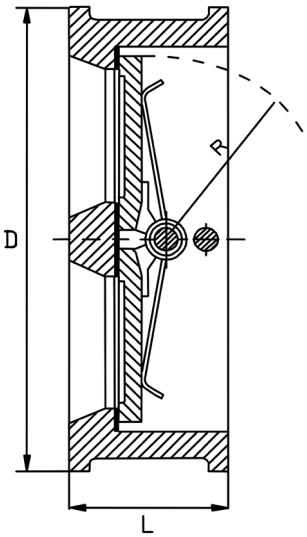
DN	D (mm)	P (mm)	L (mm)
50	107	32	14
65	127	40	14
80	142	54	14
100	162	70	18
125	192	92	18
150	218	114	20
200	273	154	22
250	329	200	26
300	384	235	28

Applications: general industrial processes

Type 228
Double disc check valve - NBR
Stainless steel disc AISI 304, dual plate wafer type

Low pressure
Material body : cast iron
Material disc : stainless steel AISI 304
Material seat gasket : NBR rubber
Material axle & spring : stainless steel
Material washer : Teflon
Design and manufacture : API6D
Assembly between flange DIN PN10/16 & ANSI CL150
Test & check : API598
Suitable temperature : -10~+80°C (NBR)
Media : fresh water, waste water, alimentary fluids

Ref. No.	Product	ø (inch)	Gross price
B5.02.518	Check valve double disc - NBR - DN 50 - PN16	2”	€ 43,70
B5.02.520	Check valve double disc - NBR - DN 65 - PN16	2.1/2”	€ 51,80
B5.02.522	Check valve double disc - NBR - DN 80 - PN16	3”	€ 71,40
B5.02.524	Check valve double disc - NBR - DN 100 - PN16	4”	€ 105,20
B5.02.526	Check valve double disc - NBR - DN 125 - PN16	5”	€ 145,40
B5.02.528	Check valve double disc - NBR - DN 150 - PN16	6”	€ 201,00
B5.02.530	Check valve double disc - NBR - DN 200 - PN10	8”	€ 341,00
B5.02.532	Check valve double disc - NBR - DN 250 - PN10	10”	€ 550,00
B5.02.534	Check valve double disc - NBR - DN 300 - PN10	12”	€ 781,00



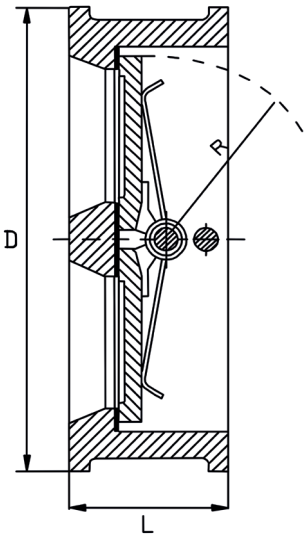
DN	D (mm)	L (mm)	R (mm)
50	107	43	28,8
65	127	46	36,1
80	142	64	43,4
100	162	64	52,8
125	192	70	65,7
150	218	76	78,6
200	273	89	104,4
250	329	114	127
300	384	114	147

Applications: water extraction pump sets, HVAC, water supply, water distribution and drainage systems. Horizontal or vertical installation with rising fluid.

Type 228
Double disc check valve - EPDM
Stainless steel disc AISI 304, dual plate wafer type

Low pressure
Material body : cast iron
Material disc : stainless steel AISI 304
Material seat gasket : EPDM rubber
Material axle & spring : stainless steel
Material washer : Teflon
Design and manufacture : API6D
Assembly between flange DIN PN10/16 & ANSI CL150
Test & check : API598
Suitable temperature : -10~+120°C (EPDM)
Media : fresh water, waste water, alimentary fluids

Ref. No.	Product	ø (inch)	Gross price
B5.02.500	Check valve double disc - EPDM - DN 50 - PN16	2”	€ 43,70
B5.02.502	Check valve double disc - EPDM - DN 65 - PN16	2.1/2”	€ 51,80
B5.02.504	Check valve double disc - EPDM - DN 80 - PN16	3”	€ 71,40
B5.02.506	Check valve double disc - EPDM - DN 100 - PN16	4”	€ 105,20
B5.02.508	Check valve double disc - EPDM - DN 125 - PN16	5”	€ 145,40
B5.02.510	Check valve double disc - EPDM - DN 150 - PN16	6”	€ 201,00
B5.02.512	Check valve double disc - EPDM - DN 200 - PN10	8”	€ 341,00
B5.02.514	Check valve double disc - EPDM - DN 250 - PN10	10”	€ 550,00
B5.02.516	Check valve double disc - EPDM - DN 300 - PN10	12”	€ 781,00



DN	D (mm)	L (mm)	R (mm)
50	107	43	28,8
65	127	46	36,1
80	142	64	43,4
100	162	64	52,8
125	192	70	65,7
150	218	76	78,6
200	273	89	104,4
250	329	114	127
300	384	114	147

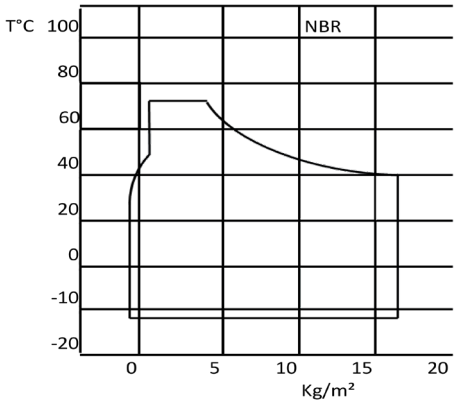
Applications: water extraction pump sets, HVAC, water supply, water distribution and drainage systems. Horizontal or vertical installation with rising fluid.

Rubber expansion joints

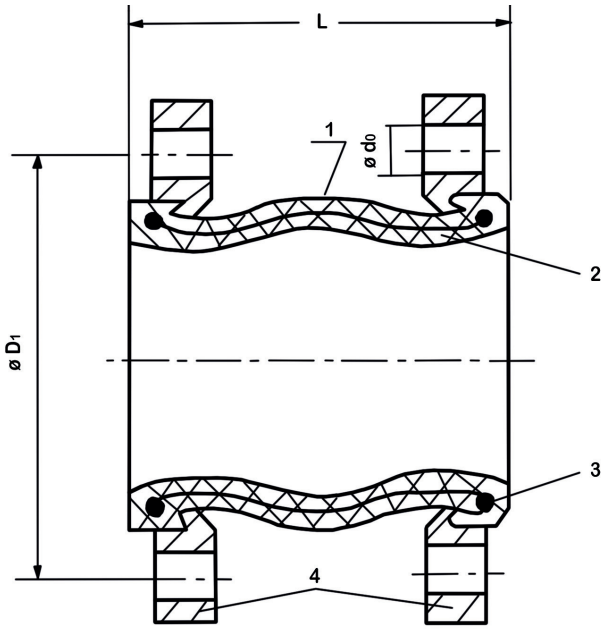
Type FLB
Flagned expansion joint - NBR
Single sphere - PN10/16

The role of the expansion joints are to protect installations from vibrations, noises and expansions that pipework could undergo.

Suitable temperature : -10~+70°C (NBR)
Deflection angle : 15°
Material body : polarized NBR rubber with reinforced nylon net
Material flanges : galvanised steel
Media : water, mineral oils, hydrocarbons, fuels



Ref. No.	Product	L mm	Wt. kg	ø inch	Axial displacement Stretch - Compression	Lateral displacement	Gross price
B2.04.580	Expansion joint - DN40 - PN16	95	3,0	1.1/2”	6 - 10 mm	9	€ 46,60
B2.04.581	Expansion joint - DN50 - PN16	105	4,0	2”	7 - 10 mm	10	€ 56,10
B2.04.582	Expansion joint - DN65 - PN16	115	5,4	2.1/2”	7 - 13 mm	12	€ 71,70
B2.04.583	Expansion joint - DN80 - PN16	130	6,5	3”	8 - 15 mm	12	€ 91,10
B2.04.584	Expansion joint - DN100 - PN16	135	7,5	4”	10 - 19 mm	13	€ 110,20
B2.04.585	Expansion joint - DN125 - PN16	170	9,5	5”	12 - 19 mm	13	€ 151,90
B2.04.586	Expansion joint - DN150 - PN16	180	11,7	6”	12 - 20 mm	14	€ 207,00
B2.04.587	Expansion joint - DN200 - PN10	205	16,3	8”	16 - 25 mm	22	€ 306,10
B2.04.588	Expansion joint - DN250 - PN10	240	23,4	10”	16 - 25 mm	22	€ 489,00
B2.04.589	Expansion joint - DN300 - PN10	260	29,1	12”	16 - 25 mm	22	€ 654,00

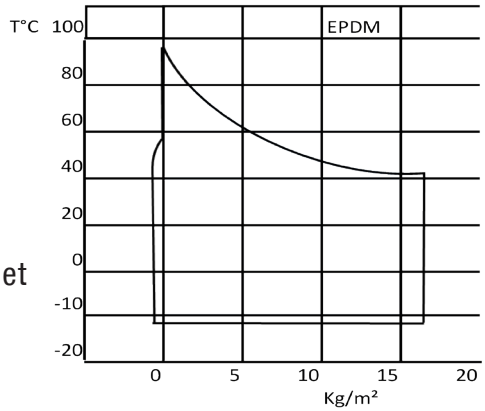


DN	No. of bolts	dO	D1
40	4	18	110
50	4	18	125
65	4	18	145
80	8	18	160
100	8	18	180
125	8	18	210
150	8	23	240
200	8	23	295
250	12	23	350
300	12	23	400

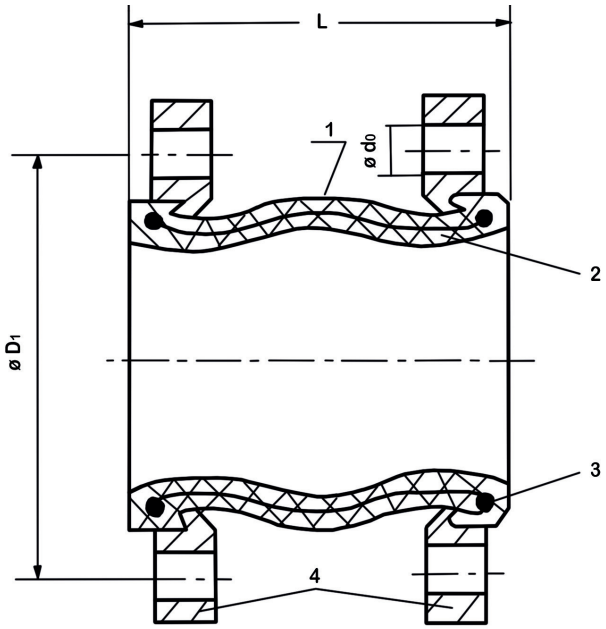
Type FLB
Flanged expansion joint - EPDM
Single sphere - PN10/16

The role of the expansion joints are to protect installations from vibrations, noises and expansions that pipework could undergo.

Suitable temperature : -10~+95°C (EPDM)
Deflection angle : 15°
Material body : polarized EPDM rubber with reinforced nylon net
Material flanges : galvanised steel
Media : water for distribution facilities

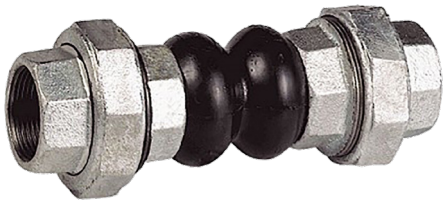


Ref. No.	Product	mm	Kg	inch	Axial displacement Stretch - Compression	Lateral displacement	Gross price
B2.04.545	Expansion joint - DN40 - PN16	95	3,0	1.1/2”	6 - 10 mm	9	€ 44,00
B2.04.570	Expansion joint - DN50 - PN16	105	4,0	2”	7 - 10 mm	10	€ 52,90
B2.04.571	Expansion joint - DN65 - PN16	115	5,4	2.1/2”	7 - 13 mm	12	€ 67,70
B2.04.572	Expansion joint - DN80 - PN16	130	6,5	3”	8 - 15 mm	12	€ 86,00
B2.04.573	Expansion joint - DN100 - PN16	135	7,5	4”	10 - 19 mm	13	€ 104,00
B2.04.574	Expansion joint - DN125 - PN16	170	9,5	5”	12 - 19 mm	13	€ 143,50
B2.04.575	Expansion joint - DN150 - PN16	180	11,7	6”	12 - 20 mm	14	€ 197,50
B2.04.576	Expansion joint - DN200 - PN10	205	16,3	8”	16 - 25 mm	22	€ 291,60
B2.04.577	Expansion joint - DN250 - PN10	240	23,4	10”	16 - 25 mm	22	€ 465,90
B2.04.578	Expansion joint - DN300 - PN10	260	29,1	12”	16 - 25 mm	22	€ 623,50



DN	No. of bolts	dO	D1
40	4	18	110
50	4	18	125
65	4	18	145
80	8	18	160
100	8	18	180
125	8	18	210
150	8	23	240
200	8	23	295
250	12	23	350
300	12	23	400

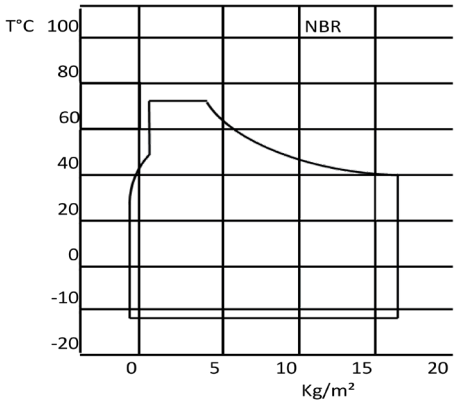
Rubber expansion joints



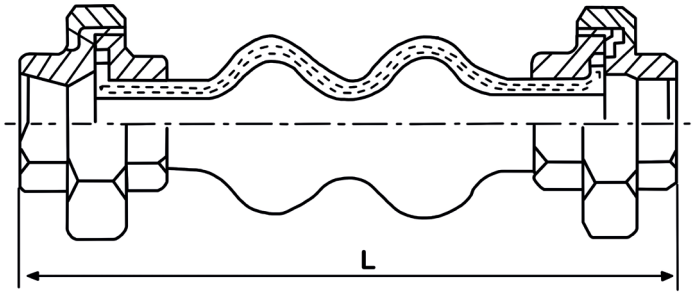
Type FLT
Screwed expansion joint - NBR
Double sphere - PN10

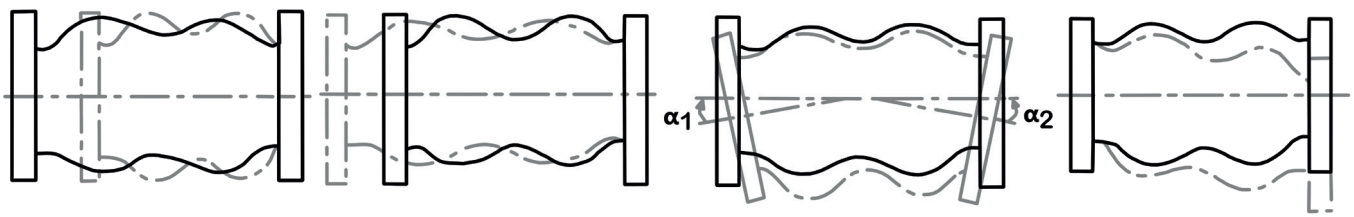
The role of the expansion joints are to protect installations from vibrations, noises and expansions that pipework could undergo.

Suitable temperature : -10~+70°C (NBR)
Deflection angle : 15°
Material body : polarized NBR rubber with reinforced nylon net
Material union ends : malleable steel
Media : water

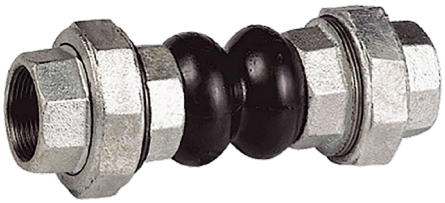


Ref. No.	Product	L mm	Wt. kg	ø inch	Axial displacement Stretch - Compression	Lateral displacement	Gross price
B5.02.346	Expansion joint - F/F - PN10	200	0,44	1/2"	5 - 22 mm	22 mm	€ 27,11
B5.02.348	Expansion joint - F/F - PN10	200	0,65	3/4"	5 - 22 mm	22 mm	€ 26,33
B5.02.350	Expansion joint - F/F - PN10	200	1,00	1"	5 - 22 mm	22 mm	€ 36,79
B5.02.352	Expansion joint - F/F - PN10	200	1,30	1.1/4"	5 - 22 mm	22 mm	€ 43,29
B5.02.354	Expansion joint - F/F - PN10	200	1,90	1.1/2"	5 - 22 mm	22 mm	€ 55,71
B5.02.356	Expansion joint - F/F - PN10	200	2,60	2"	5 - 22 mm	22 mm	€ 69,55
B5.02.358	Expansion joint - F/F - PN10	240	3,72	2.1/2"	5 - 22 mm	22 mm	€ 109,53
B5.02.360	Expansion joint - F/F - PN10	240	4,90	3"	5 - 22 mm	22 mm	€ 132,99





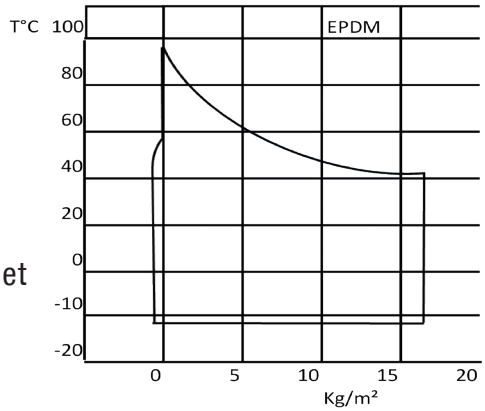
Axial Compression | Axial Stretch | Angle Of Deflection α1+α2 = 45° | Lateral Displacement



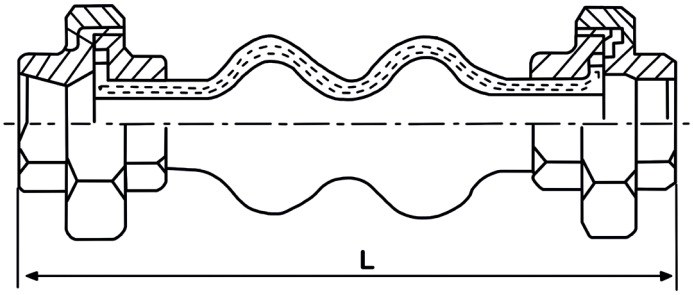
Type FLT
Screwed expansion joint - EPDM
Double sphere - PN10

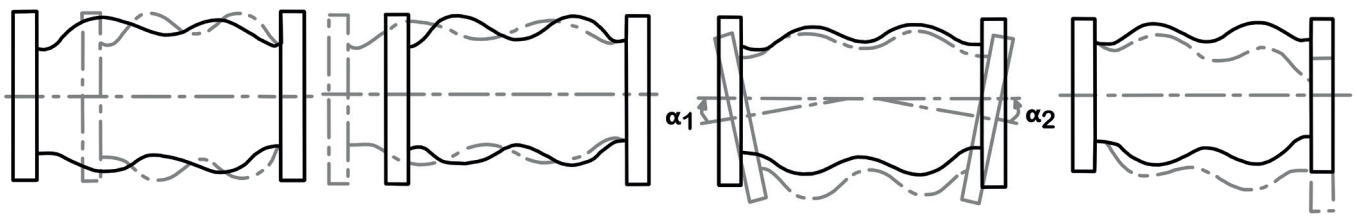
The role of the expansion joints are to protect installations from vibrations, noises and expansions that pipework could undergo.

Suitable temperature : -10~+95°C (EPDM)
Deflection angle : 15°
Material body : polarized EPDM rubber with reinforced nylon net
Material union ends : malleable steel
Media : water



Ref. No.	Product	L mm	Wt. kg	ø inch	Axial displacement Stretch - Compression	Lateral displacement	Gross price
B5.02.330	Expansion joint - F/F - PN10	200	0,44	1/2”	5 - 22 mm	22 mm	€ 25,80
B5.02.332	Expansion joint - F/F - PN10	200	0,65	3/4”	5 - 22 mm	22 mm	€ 25,31
B5.02.334	Expansion joint - F/F - PN10	200	1,00	1”	5 - 22 mm	22 mm	€ 30,33
B5.02.336	Expansion joint - F/F - PN10	200	1,30	1.1/4”	5 - 22 mm	22 mm	€ 35,70
B5.02.338	Expansion joint - F/F - PN10	200	1,90	1.1/2”	5 - 22 mm	22 mm	€ 45,96
B5.02.340	Expansion joint - F/F - PN10	200	2,60	2”	5 - 22 mm	22 mm	€ 57,35
B5.02.342	Expansion joint - F/F - PN10	240	3,72	2.1/2”	5 - 22 mm	22 mm	€ 90,33
B5.02.344	Expansion joint - F/F - PN10	240	4,90	3”	5 - 22 mm	22 mm	€ 109,74





Axial Compression | Axial Stretch | Angle Of Deflection α1+α2 = 45° | Lateral Displacement

PVC fittings

All sizes according to the UNE-EN-ISO-1452
NP 16 bar at 20°C
In accordance to the UNE-EN 917
The use of a cycloexanone adhesive for solvent cement fitting is recommended

U-PVC socket PN16

Solvent M/M

Ref. No.	Product	Kg	Gross price
A5.06.910	U-PVC solvent socket 40 mm - PN16	0,054	€ 1,05
A5.06.915	U-PVC solvent socket 50 mm - PN16	0,087	€ 1,55
A5.06.920	U-PVC solvent socket 63 mm - PN16	0,142	€ 2,50
A5.06.925	U-PVC solvent socket 75 mm - PN16	0,242	€ 5,10

U-PVC elbow 90° PN16

Solvent F/F

Ref. No.	Product	Kg	Gross price
A5.06.180	U-PVC solvent socket 40 mm - PN16	0,085	€ 1,45
A5.06.185	U-PVC solvent socket 50 mm - PN16	0,141	€ 2,10
A5.06.190	U-PVC solvent socket 63 mm - PN16	0,224	€ 3,20
A5.06.195	U-PVC solvent socket 75 mm - PN16	0,387	€ 5,80

U-PVC elbow 45° PN16

Solvent F/F

Ref. No.	Product	Kg	Gross price
A5.06.230	U-PVC solvent elbow 45° - 40 mm - PN16	0,073	€ 1,65
A5.06.235	U-PVC solvent elbow 45° - 50 mm - PN16	0,135	€ 2,20
A5.06.240	U-PVC solvent elbow 45° - 63 mm - PN16	0,189	€ 3,30
A5.06.245	U-PVC solvent elbow 45° - 75 mm - PN16	0,332	€ 6,20

U-PVC reducing socket PN16

Solvent F/F

Ref. No.	Product	Kg	Gross price
A5.06.855	U-PVC reducing socket - 40 x 32 mm - PN16	0,016	€ 0,85
A5.06.860	U-PVC reducing socket - 50 x 32 mm - PN16	0,038	€ 1,00
A5.06.865	U-PVC reducing socket - 50 x 40 mm - PN16	0,030	€ 1,00
A5.06.870	U-PVC reducing socket - 63 x 50 mm - PN16	0,050	€ 1,35
A5.06.833	U-PVC reducing socket - 75 x 63 mm - PN16	0,079	€ 2,20

U-PVC conical reducing socket PN16

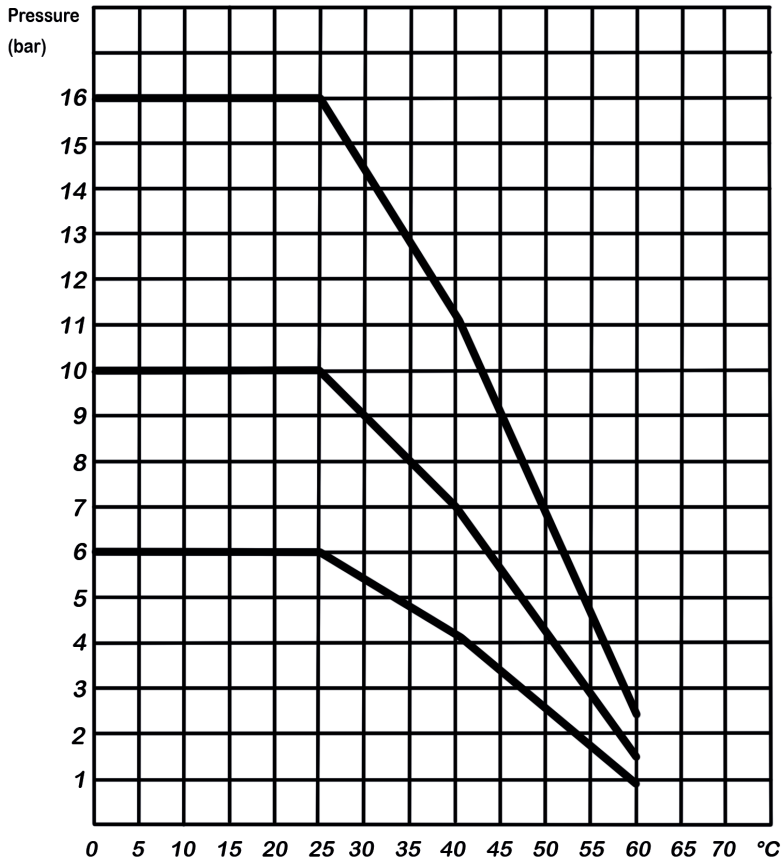
Solvent F/F

Ref. No.	Product	Kg	Gross price
A5.11.105	U-PVC conical reducing socket - 40/50 x 32 - PN16	0,054	€ 1,45
A5.11.115	U-PVC conical reducing socket - 50/63 x 40 - PN16	0,105	€ 2,40
A5.11.125	U-PVC conical reducing socket - 63/75 x 50 - PN16	0,153	€ 2,80
A5.11.135	U-PVC conical reducing socket - 75/90 x 63 - PN16	0,254	€ 4,80

U-PVC adaptor socket with stainless steel ring PN16

Mixed solvent/threaded - F/F

Ref. No.	Product	Kg	Gross price
A5.11.720	U-PVC adaptor socket - 40 mm x 1.1/4" - PN16	0,132	€ 4,00
A5.11.730	U-PVC adaptor socket - 50 mm x 1.1/2" - PN16	0,209	€ 5,10
A5.11.740	U-PVC adaptor socket - 63 mm x 2" - PN16	0,142	€ 6,50
A5.11.750	U-PVC adaptor socket - 75 mm 2.1/2" - PN16	0,242	€ 21,40



PVC fittings

Material fittings : PVC-U (Unplasticised Polyvinylchloride)
Material gaskets : EPDM (if equipped)
Max temperature : 0-60°C

Applications :
Irrigation systems, drinking water applications, food industry, saniation and swimming pool technology

The use of a cycloexanone adhesive is recommended for solvent cement fittings.
The use of PTFE-tape is recommended for threaded fittings.

U-PVC reducing bush

BSP female thread

Ref. No.	Product	Kg	Gross price
A5.06.805	U-PVC reducing bush 40 mm x 1”	0,030	€ 2,90
A5.06.815	U-PVC reducing bush 50 mm x 1.1/4”	0,046	€ 3,90
A5.06.820	U-PVC reducing bush 63 mm x 1.1/2”	0,094	€ 5,50
A5.06.825	U-PVC reducing bush 75 mm x 2”	0,140	€ 8,10

U-PVC adaptor nipple

BSP male thread

Ref. No.	Product	Kg	Gross price
A5.06.560	U-PVC adaptor nipple 32 x 40 mm x 1.1/4”	0,046	€ 1,05
A5.06.570	U-PVC adaptor nipple 40 x 50 mm x 1.1/4”	0,064	€ 1,55
A5.06.575	U-PVC adaptor nipple 40 x 50 mm x 1.1/2”	0,068	€ 1,55
A5.06.590	U-PVC adaptor nipple 50 x 63 mm x 1.1/2”	0,102	€ 2,60
A5.06.595	U-PVC adaptor nipple 50 x 63 mm x 2”	0,114	€ 2,60
A5.06.605	U-PVC adaptor nipple 63 x 75 mm x 2”	0,174	€ 4,20
A5.06.610	U-PVC adaptor nipple 63 x 75 mm x 2.1/2”	0,192	€ 4,20

U-PVC adaptor union PRO LINE

Solvent F/F

Ref. No.	Product	Kg	Gross price
A5.11.256	U-PVC adaptor union PRO LINE - 40 mm	0,172	€ 7,50
A5.11.261	U-PVC adaptor union PRO LINE - 50 mm	0,214	€ 7,90
A5.11.266	U-PVC adaptor union PRO LINE - 63 mm	0,364	€ 12,70
A5.11.271	U-PVC adaptor union PRO LINE - 75 mm	0,690	€ 34,80

U-PVC adaptor union

BSP male thread

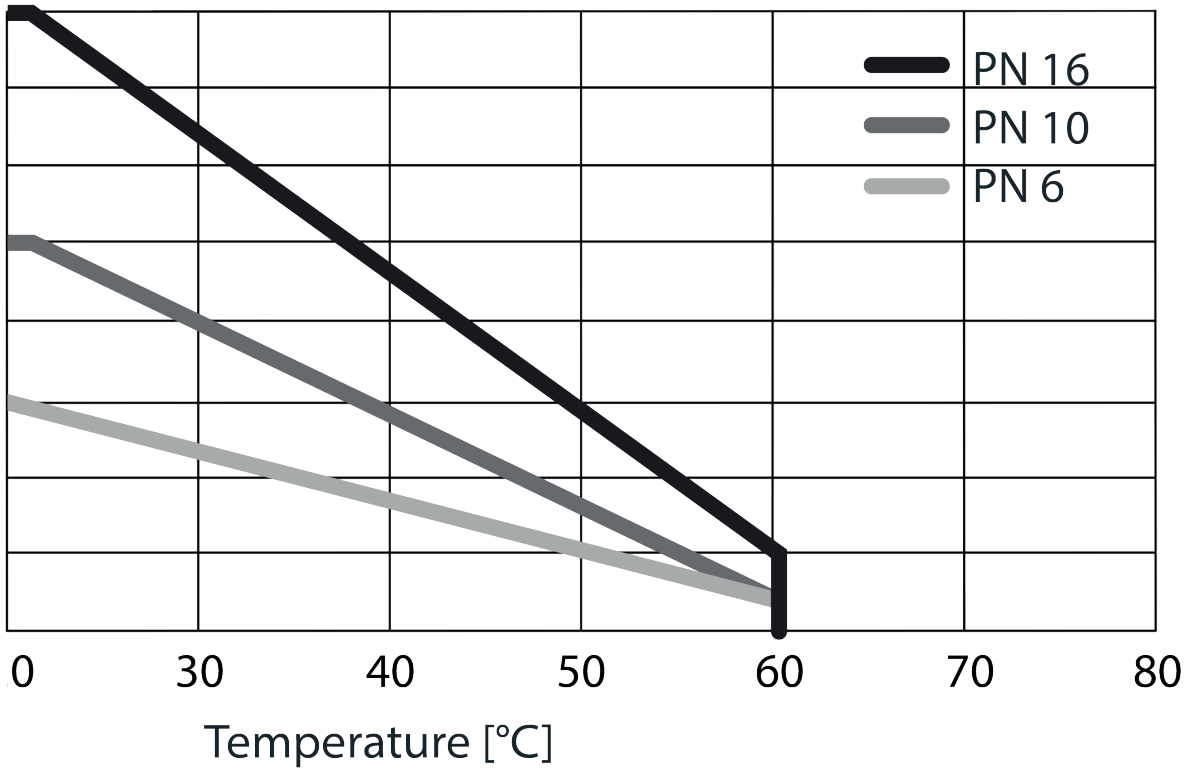
Ref. No.	Product	Kg	Gross price
A5.11.311	U-PVC adapter union - 40 mm x 1.1/4”	0,176	€ 8,60
A5.11.315	U-PVC adapter union - 50 mm x 1.1/2”	0,222	€ 9,00
A5.11.321	U-PVC adapter union - 63 mm x 2”	0,372	€ 14,06
A5.11.324	U-PVC adapter union - 75 mm x 2.1/2”	0,720	€ 35,30

U-PVC tank connector

BSP male thread / straight BSP male solvent

Ref. No.	Product	Kg	Gross price
A5.11.490	U-PVC tank connector - 40/50 mm x 1.3/4”	0,054	€ 16,70
A5.11.495	U-PVC tank connector - 50/63 mm x 2.1/4”	0,105	€ 18,70
A5.11.501	U-PVC tank connector - 63/75 mm x 2.1/2”	0,153	€ 37,10
A5.11.505	U-PVC tank connector - 75/90 mm x 3”	0,254	€ 46,50

Pressure and temperature diagram PVC-U



Galvanised fittings

Galvanised elbow fitting 90°
M/M fitting

Ref. No.	Product	ø (inch)	Gross price
A5.05.246	Galva elbow fitting M/M 90°	1.1/4”	€ 13,60
A5.05.248	Galva elbow fitting M/M 90°	1.1/2”	€ 19,20
A5.05.250	Galva elbow fitting M/M 90°	2”	€ 25,60

Galvanised elbow fitting 90°
M/F fitting

Ref. No.	Product	ø (inch)	Gross price
A5.05.208	Galva elbow fitting M/F 90°	1.1/4”	€ 9,60
A5.05.210	Galva elbow fitting M/F 90°	1.1/2”	€ 13,70
A5.05.212	Galva elbow fitting M/F 90°	2”	€ 22,40
A5.05.214	Galva elbow fitting M/F 90°	2.1/2”	€ 49,30

Galvanised elbow fitting 90°
F/F fitting

Ref. No.	Product	ø (inch)	Gross price
A5.05.228	Galva elbow fitting F/F 90°	1.1/4”	€ 10,50
A5.05.230	Galva elbow fitting F/F 90°	1.1/2”	€ 12,80
A5.05.232	Galva elbow fitting F/F 90°	2”	€ 17,80
A5.05.234	Galva elbow fitting F/F 90°	2.1/2”	€ 49,50

Threaded flange for watermeters

Ref. No.	Product	ø (inch)	Gross price
A2.04.374	Threaded flange DN 32	1.1/4”	€ 15,10
A2.04.375	Threaded flange DN 40	1.1/2”	€ 16,70
A2.04.380	Threaded flange DN 50	2”	€ 20,50
A2.04.390	Threaded flange DN 65	2.1/2”	€ 24,50

Flat gasket ring for flange

EVA rubber

Ref. No.	Product	Gross price
A2.04.490	Flat gasket ring for flange DN 40	€ 1,40
A2.04.495	Flat gasket ring for flange DN 50	€ 1,60
A2.04.500	Flat gasket ring for flange DN 65	€ 3,10
A2.04.510	Flat gasket ring for flange DN 80	€ 3,90
A2.04.520	Flat gasket ring for flange DN 100	€ 4,10

Plasson PVC ball valve PN16

Solvent connection

Precision cast alves made of PVC, suitable for line pipe systems up to 16 bar.

Suitable for drinking water systems, irrigation systems, installations for wine, beer, beverages and other liquids, industrial installations, transport of acids, salt and fresh water, marine installations.

Ref. No.	Product	Gross price
A5.06.115	Plasson PVC ball valve 40 mm	€ 10,50
A5.06.120	Plasson PVC ball valve 50 mm	€ 12,80
A5.06.125	Plasson PVC ball valve 63 mm	€ 17,80
A5.06.130	Plasson PVC ball valve 75 mm	€ 49,50

Accessoires

Cleaner

For (rigid) PVC, PVC-C and ABS

For universal use
Very strong cleaning performance
For cleaning and degreasing pipes, sockets and fittings of (rigid- PVC, PVC-C and ABS. Also suitable for removing uncured adhesive residue and for cleaning brushes and tools. Use in combination with Griffon Cleaner Cloth.
Not suitable for diluting PVC, PVC-C and ABS adhesive.
Coverage : Indication of the number of joints per 1L

Storage conditions :
Minimal 36 months in unopened packaging between +5° and +25°C. Store in well closed package in a dry and cool place. Limited shelf life after opening.

Ref. No.	Product	Gross price
B5.11.693	Griffon PVC Cleaner 125 ml	€ 5,60
B5.11.699	Griffon PVC Cleaner 250 ml	€ 8,40
B5.11.692	Griffon PVC Cleaner 500 ml	€ 12,00

T-88®

Fast, liquid, THF-free rigid PVC cement

For joining pipes, sockets and fittings with interference fit in pressure and drainage system. With special pipe brush for quick and easy application. Suitable for diameters ≤ 160 mm (pressure ≤ 90 mm). Max. 16 bar (PN 16). Maximal tolerances 0.3 mm diametrical clearance / 0.2 mm press fit. Suitable for e.g. pipe systems conforming to EN 1329, 1452, 1453 and 1455.

Storage conditions :
At least 18 months in the unopened package and stored between +5°C and +25°C. Close the container properly and store in a dry, cool and frost-free laction. Limimited shelf life after opening.

Ref. No.	Product	Gross price
B5.11.661	Griffon cement type T-88 100 ml with brush	€ 6,90
B5.11.666	Griffon cement type T-88 250 ml with brush	€ 9,30
B5.11.662	Griffon cement type T-88 500 ml with brush	€ 17,30

UNI-100®

Fas, thixotropic rigid PVC cement

For joining pipes, sockets and fittings with interference fit and loose fit (gap filling) in pressure and drainage systems.
With special pipe brush for quick and easy application.
Suitable for diameters ≤ 315 mm.
Max. 16 bar (PN16).
Maximal tolerances 0.8 mm diametrical clearance / 0.2 mm press fit.
Suitable for e.g. pipe systems conforming to EN 1329, 1452, 1453, 1455 and ISO 1593 (PVC).

Storage conditions :
At least 24 months in the unopened package and stored between +5°C and +25°C. Close the container properly and store in a dry, cool and frost-free location. Limited shelf life after opening.

Ref. No.	Product	Gross price
B5.11.664	Griffon cement type UNI-100 250 ml with brush	€ 10,40
B5.11.673	Griffon cement type UNI-100 500 ml with brush	€ 18,90

Kolmat® sealing kit tube

Sealing paste for metal threaded connections

For sealing metal treaded connections in, e.g., (drinking) water, central heating, gas, and compressed air systems. Use in combination with Kolmat hemp or acrylic fibre. Gas: -20°C to +70°C, up to 5 bar. Water: 95°C, up to 16 bar: 130°C, up to 7 bar. Not suitable for oxygen.

Storage conditions :
At least 24 months in the unopened package and stored between +5°C and +25°C. Limeted shelf life after opening. Stor in properly sealed packaging in a dry place between +5°C and +25°C.

Ref. No.	Product	Gross price
B5.05.822	Kolmat® sealing kit tube from Griffon / Perfecta 300 g	€ 7,30

Accessoires

Kolmat® Hemp

For sealing metal threaded connections

For sealing metal threaded connections in, e.g., (drinking) water, central heating, gas and compressed air systems. Use in combination with Kolmat® Fitterskit or Silpat®. Not suitable for oxygen.

Storage conditions :
A minimum of 24months. Store in properly sealed packaging in a dry place between +5°C and +25°C.

Ref. No.	Product	Gross price
B5.05.837	Kolmat® sealing hemp dispenser 40 g	€ 5,50
B5.05.838	Kolmat® sealing hemp dispenser 80 g	€ 7,40
B5.05.839	Kolmat® sealing hemp dispenser 100 g	€ 9,20

Kolmat® FLON-100

PTFE-rope for sealing metal and synthetic threaded connections

For sealing metal and synthetic threaded connections. Suitable for water, gas, oxygen, steam, fuels, solvents and acids. For gas

Properties :
100% PTFE, re-adjustable (45°), chemical resistant, mould resistant, UV resistant, removable, immediately loadable

Applicable to copper, brass, (galvanised) steel, stainless steel, chrome, zinc, PVC, CPC and ABS.

Storage conditions :
Minimum of 24 months if stored in properly sealed packaging in a dry place at a temperature between +5°C and +25°C. Limited shelf life after opening.

Ref. No.	Product	Gross price
B5.05.843	Kolmat® FLON-100 PFTE-rope 175 meter	€ 26,90

PTFE-tape DIN-EN

Roll 12m x 12m x 0,10mm

For sealing metal and synthetic threaded connectons. Suitable for gas, water oxygen, steam, fuels, solvents and acids. For gas: Maximum operating pressure 0.2 bar at an ambient temerature of -20°C to 135°C.

Properties :
100% PTFE, chemical resistant, mould resistant, UV resistant, removable, immediately loadable

Storage conditions :
A minimum of 24 months. Store in properly sealed packaging in a dry place at between +5°C and +25°C.

Ref. No.	Product	Gross price
B5.05.818	Yellow Kolmat fitting PFTE - tape DIN-EN 12m x 12m x 0,10mm	€ 1,45

PTFE-tape GASTEC

Roll 12m x 12m x 0,10mm

For sealing metal and synthetic threaded connections. Suitable for gas, water, oxygen, steam, fuels, solvents and acids. For gas: Maximum operating pressure 0.2 bar at an ambient temperature of -20°C to 135°C.

Properties :
100% PTFE, chemical resistant, muoudl resistant, UV resistant, removable, immediately loadable

Storage conditions :
A minimum of 24 months.
Store in properly sealed packagingn in a dry place at between +5°C and +25°C.

Ref. No.	Product	Gross price
B5.05.819	Red Kolmat fitting PFTE - tape GASTEC 12m x 12m x 0,10mm	€ 2,70

My notes

My notes

General terms and conditions of sale

1. General

These general terms and conditions shall apply to all orders accepted by EEB Valves, to all subsequent agreed amendments and extensions to such orders and to all work carried out in connection therewith. Representations made by EEB Valves personnel or its independent representatives shall be binding on EEB Valves only to the extent that such representations have been expressly accepted in writing on behalf of EEB Valves.
These general terms and conditions shall be communicated to all customers and potential customers together with our quotations or estimates.
By placing and/or transmitting an order, the purchaser acknowledges that it is aware of these general terms and conditions and accepts them fully and unconditionally.
Unless there is a prior, consecutive written stipulation, these terms and conditions take precedence over any purchase conditions of the buyer.
Any failure by EEB Valves to exercise its rights or to exercise them in good time may not be regarded as a waiver of such rights.

2. Formation of the agreement

Unless otherwise agreed in writing, prospectuses, catalogues, quotations or estimates issued by EEB Valves shall not be binding and may not be regarded as an offer to contact. EEB Valves reserves the right to amend the information contained therein at any time.
An order from the buyer must be in writing and shall constitute an offer to contact.
A sales agreement comes into effect on express written acceptance of an order. The order confirmation and the annexes thereto contain an exhaustive list of the goods and/or services to be supplied by EEB Valves.

3. Technical plans and documents

Each party shall retain all rights to the technical plans and documents it provides to the other party. The recipient acknowledges these rights and undertakes not to disclose such documents to these rights and undertakes not to disclose such documents to third parties, either in whole or in part, without the written consent of the party providing them. He or she will only use these documents in accordance with the purposes for which they have been transmitted to him.

4. Pricing

Unless otherwise previously agreed in writing, the prices invoiced shall be those in force at the time of acceptance of the order.
Unless otherwise stipulated in writing in advance, the applied prices are net prices, exclusive of transport costs, inclusive of standard packaging, assembly not included, and exclusive of VAT.
All other charges, duties or fees of whatever name which may become payable on account of the delivery and/or installation of the goods purchased shall be borne by the purchaser, as shall all additional services, including but not limited to the completion of customs formalities or assembly, which EEB Valves provides for the benefit of the purchaser at its request.
Even if invoiced separately, packaging shall not be taken back.

4. Terms of payment

51. Payments shall be made at the domicile of EEB Valves without deduction of discount, costs, taxes or duties of any kind.

5.2 The expiry dates must be observed by the buyer even if transport, delivery, installation, commissioning or receipt are delayed or rendered impossible for reasons for which EEB Valves is not responsible.
The purchaser shall not be entitled to withhold or delay payment on account of any complaints, claims or demands for compensation not recognized by EEB Valves. Payments shall also be made if components of secondary importance are missing, without this making it impossible to use the equipment supplied without any risk.

5.3 If the term of payment is exceeded, the purchaser shall owe monthly interest of 1% (12% per annum) on the amount due, without prior notice of default. In addition, the amount due will automatically, without prior notice, be increased by a fixed compensation of 15% of the amount due, with a minimum of 62 euros.

5.4 If, irrespective of whether the price is payable in one or more instalments, the buyer does not fulfil his or her payment obligation on time and does not remedy this within ten day of sending a registered notice of default, the agreement ill be dissolved by operation of law, without further notice of default and without legal intervention. The buyer shall be notified thereof by registered letter.
If any advance payment has already been made when dissolving the agreement is determined, an amount of 15% of the total price, with a minimum of 62 euros, shall be forfeited by way of damages.

6. Retention of title

EEB Valves shall remain the owner of the goods sold until full payment of the sales price has been received, increased where applicable by interest and damages. In the event of late payment, EEB Valves shall be entitled to take back the goods not paid for at the purchaser's expense. The buyer is required to support all measures designed to preserve the property of EEB Valves.

Until full payment for the goods has been made, the purchaser shall not be entitled to dispose of the goods or any part thereof or to mortgage them or to retain them in any manner whatsoever. The purchaser shall be obliged to insure the goods at their new value and to grant EEB Valves the direct right to the payment of the insurer.

If the goods purchased are installed in premises rented by the purchaser and as long as the purchase price has not been paid in full, the purchaser undertakes to notify the lessor of the property.

7. Delivery period

7.1 Subject to a prior written stipulation, delivery periods shall only be indicated approximately.

Subject to prior written stipulation, exceeding the delivery period shall not give rise to the payment of any compensation, nor shall it entitle the customer to make deductions from amounts owed or to cancel orders.

7.2 The delivery period shall commence as soon as agreement has been reached on the item and price - in all their respective facets - and any advance payments and guarantees have been made.

7.3 The delivery period shall be extended and EEB Valves may, if the occasion arises, rescind the agreement by operation of law without prior notice of default or judicial intervention:

where EEB Vavles does not receive in good time the necessary instructions for the execution of the order or where the purchaser subsequently alters such instructions, thereby causing a delay in delivery; where the purchaser is in delay of work for which it is responsible or where it fails to fulfil its contractual obligations, in particular if it fails to comply with the terms of payment; any other circumstance beyond the control of EEB Valves which renders it impracticable to carry out the delivery in good time and in accordance with the agreement.

Unless otherwise agreed in advance in writing, extension of the delivery period or determination of the rescission of the agreement shall not give rise to any liability to pay compensation to the buyer, nor shall it entitle the buyer to make deductions from sums due or to cancel orders.

7.4 Force majeure suspends the execution of the agreement governed by these general terms and conditions:

Each of the contracting parties shall immediately notify the other of the occurrence of a case of force majeure. The suspension shall take effect on receipt of the notification of the occurrence of a case of force majeure. The suspension shall cease on receipt of notification of the cessation of a case of force majeure. If the event of fore majeure is of a permanent nature or if it continues for more than six months, the suspension may be lifted by the courts.

EEB Valves may, by operation of law, without further notice or court intervention, declare the agreement concluded to be rescinded. In such event, where applicable, the purchaser shall receive reimbursement of any advance payments made, albeit with deductions for payment for services already rendered.

8. Transfer of benefits and risks

8.1 Benefits and risks shall pass to the buyer at the latest when the goods leave EEB Valves's warehouses for delivery.

8.2 Should dispatch be delayed at the request of the purchaser or for other reasons which cannot be attributed to EEB Valves, the risks shall pass to the purchaser at the originally scheduled time of delivery when the goods leave the warehouse for delivery.

In such cases, the goods shall be stored by EEB Valves at the expense and risk of the purchaser. Any other costs shall also be for the account of the purchaser. In all such cases, delivery shall be deemed to have taken place on the date customarily set for this purpose.

9. Procedure for taking delivery of the goods and services provided

9.1 Insofar as practically possible and insofar as no packages have to be opened for this purpose, EEB Valves shall verify goods before dispatch. The purchaser may only demand an additional verification with its agreement and at its own expense.

9.2 The purchaser shall be required, on penalty of inadmissibility, to report any visible defects on delivery of the goods sold at their destination and/or on the provision of services to such goods within a period of forty-eight hours.

Forty-eight hours. All notifications in this connection shall be made in writing, on pain of inadmissibility.

9.4 The elaboration of an acceptance procedure and the laying down of the conditions to which it is subject shall be mandatory parts of a special agreement.

9.5 Regardless of the nature of the defects asserted, the purchaser shall have only the rights and claims expressly provided for in Articles 9 and 10 of these conditions.

General terms and conditions of sale

10. Warranty, liability and reason for defects

10.1 Unless otherwise previously agreed in writing, the warranty and liability of EEB Valves shall apply only to damage which EEB Valves accepts as having been caused by the use of defective materials, by a design defect or by a manufacturing defect. Statements on technical shall only be binding on EEB Valves in the event of express warranties. EEB Valves reserves the right to amend or replace such documents at any time.

The warranty and liability of EEB Valves shall not extend to any damage caused by normal wear and tear, non-compliance with the operating, safety and maintenance instructions and other guidelines supplied with the products, nor to any damage resulting from excessive strain, improper or inappropriate use of the products supplied, the use of unsuitable operating materials, chemical or electrolytic influences, manufacturing, maintenance and/or installation work not carried out by EEB Valves, a third party authorised by EEB Valves or other professional fitters as well as other causes attributable to the latter. Warranty entitlement shall also lapse if the purchaser instructs other resellers/professional installers or a third party not authorized by EEB Valves to make improper modifications or repairs or if, in the event of a defect, the purchaser does not take appropriate steps to limit the resulting damage and does not allow EEB Valves to remedy the situation. Parts subject to normal wear and tear are not covered by the warranty. In addition, the warranty shall only apply provided that the purchaser returns the warranty card supplied with the products to the manufacturer in good time and provided that is proved by means of supporting documents that the products are being serviced by EEB Valves or by third parties authorized by EEB Valves.

10.2 Unless otherwise agreed in writing, the warranty period shall be twelve months for professional products. Domestic water pumps up to a maximum power of 2 kW have a guarantee period of 24 months from the invoice date. For steel boilers and kettles, the warranty period is five years. For boilers in cast iron, the warranty period is 10 years. Unless otherwise stipulated in writing, the warranty period shall commence on the date of delivery or presumed delivery of the goods and/or installation(s). The delivery of a replacement product or the performance of a repair to a defective product does not interrupt or suspend the current warranty period. On pain of inadmissibility, EEB Valves's warranty obligation must be invoked by means of a written notice of default sent before the expiry of the warranty period.

10.3 On written notification by the purchaser, EEB Valves undertakes, at its discretion and to the extent that the defect is recognized, to repair or replace as soon as possible the defective product or defective parts of the goods supplied by it which are found to be defective on account of the use of poor materials, faulty design or poor manufacture before the expiry of the guarantee period. The replaced parts shall remain the property of EEB Valves. The foregoing products may only be returned with the prior written consent of EEB Valves. Goods must be returned in their original packaging.

10.4 Transport costs for the return of defective parts or products as well as costs for the installation of parts to be replaced shall be covered by the warranty. Returned products or parts travel at the risk of the buyer.

10.5 With regard to products which are not manufactured by EEB Valves itself but only sold by it, the warranty shall not extend beyond that offered by the respective manufacturers.

10.6 Only the characteristics and presentations described as such in the specifications shall be regarded as warranted, unless otherwise agreed in writing, until the warranty period expires. If these characteristics and/or presentations are not or only partly achieved, the purchaser may require EEB Valves to improve them without delay. The purchaser shall give EEB Valves the time and facilities necessary to do so.

10.7 The purchaser's rights and claims on account of defects in materials, design or manufacture and on account of defects resulting from the lack of warranted characteristics and/or performance shall be limited to those expressly mentioned under numbers 10.1 to 10.6.

11. Exclusion of all other liability

All claims of the buyer not expressly mentioned in these general terms and conditions - including but not limited to those arising from the warranty obligation on the part of EEB Valves - are excluded, irrespective of their legal basis, in particular claims of all kinds for indemnification, price reduction or termination of the contract which are not expressly reserved for the or by them. Under no circumstances shall the buyer be ale to demand compensation for damage that has not been caused to the delivery item itself, such as loss of production, loss of operation, loss of business, loss of profit and any other direct or indirect damage.

12. Installation

Should EEB Valves also undertake installation or provide supervision for this purpose, its general installation terms shall apply.

13. Applicable law and forum

13.1 All disputed relating to the interpretation and execution of agreements that are governed by these general terms and conditions and all disputes from this invoice shall be submitted to the court of the judicial district of Dendermonde.

13.2 All agreements that are governed by the present general terms and conditions are subject to Belgian law.

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Water Is Life Group

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