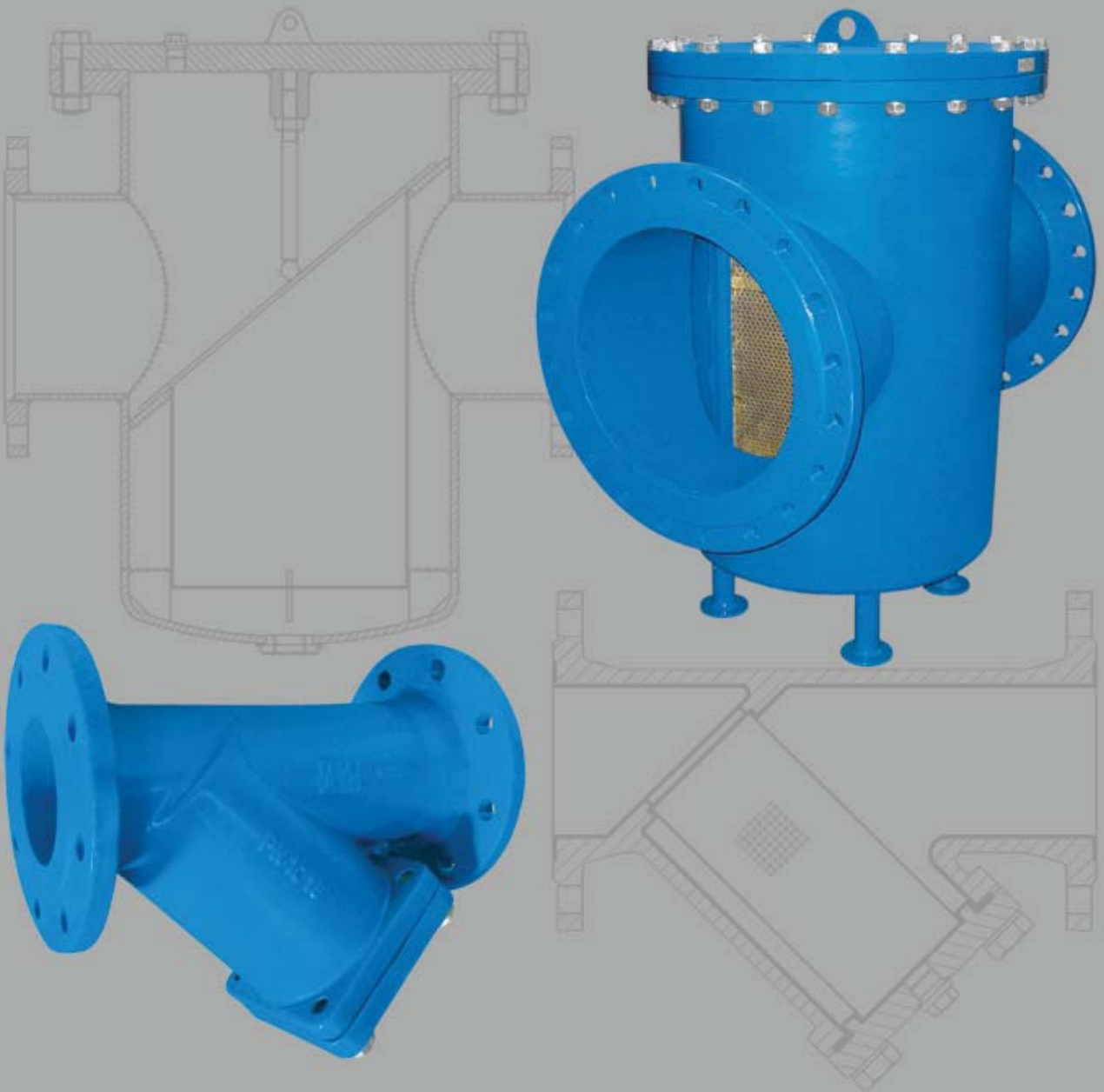




AB VALVES GmbH
Manufacturer of Industrial Valves
and Relevant Equipments

Strainers (STR)





Strainer, Flanged Y– type (STRY)

Size: DN 50 - 300 mm

Pressure: PN10 - 40 bars

Face to Face: according to DIN EN 558-1 series 1 (DIN 3202-F1)

Flanges: according to DIN EN 1092-2 (DIN 2501)

Product features:

Exchangeable screen made of corrosion and acid resistant steel.

Options:

- Screen material and mesh size as per request.
- Flanges according to ANSI standard.

Application:

Strainers are used to prevent damaging system parts like: valves, pumps, etc. by external particles. Strainers separate dirt and external particles from flow.

Corrosion protection:

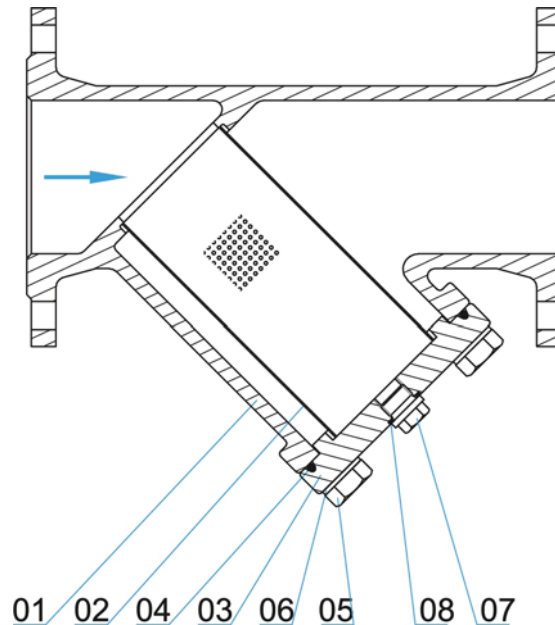
Body and cover interior and outside are coated with electrostatic epoxy powder. with thickness at least 250 µm.

Testing:

PN (bar)	Permissible Working Pressure (bar)	Permissible Working Temperature	Test pressure according to DIN EN 12266 in bar Hydrostatic test
			body
10	10	70°C	17
16	16	70°C	25
25	25	70°C	37.5



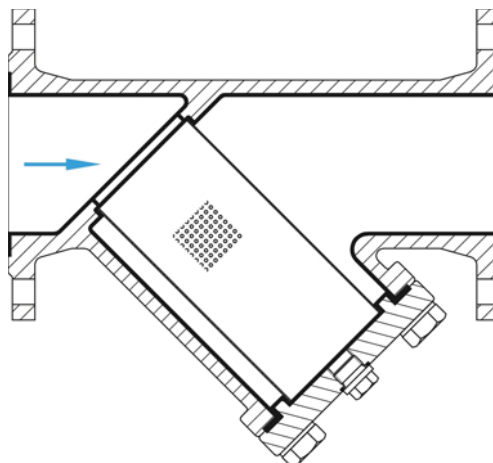
Parts list (STRY)



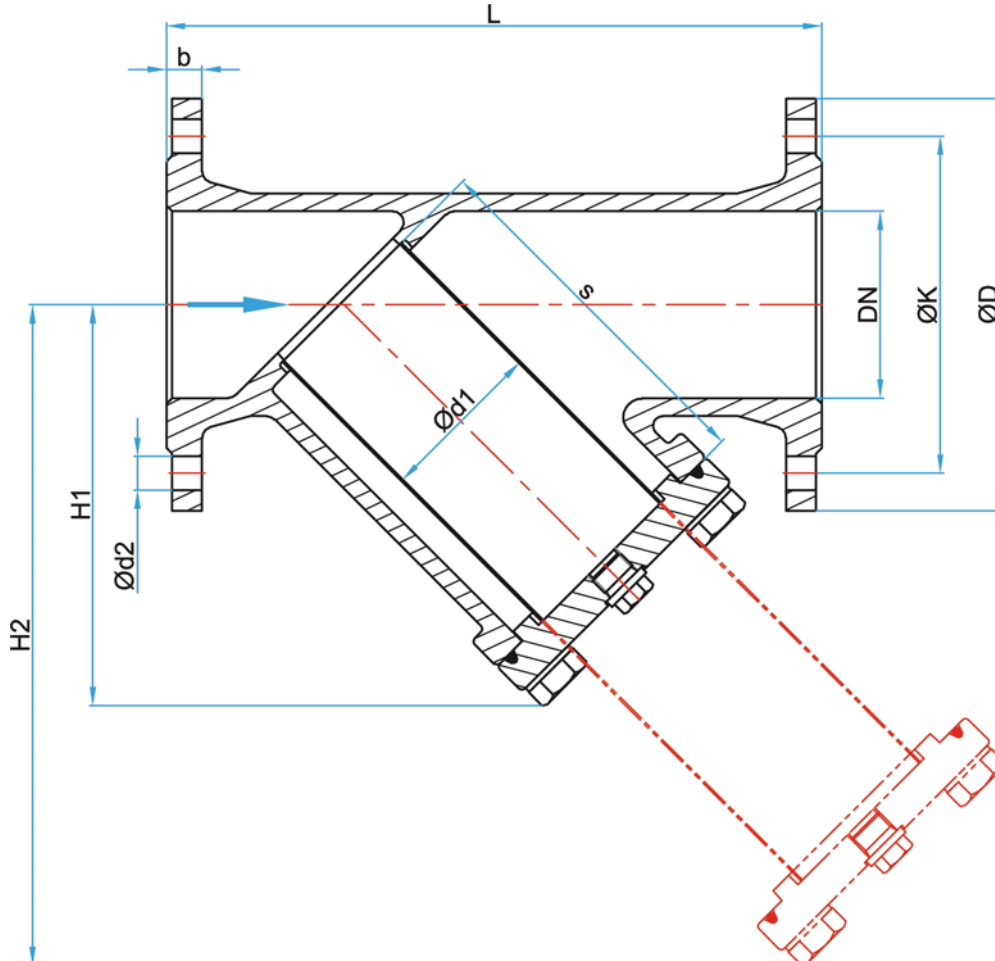
Part	Description	Material	Spare parts
1	Body	EN-GJS-400-15 (1)	
2	Screen	1.4301	●
3	Cover	EN-GJS-400-15 (1)	
4	Seal	EPDM / NBR	●
5	Hexagonal head screw	A2 / Galvanized Steel	
6	Washer	A2 / Galvanized Steel	
7	Drain screw	A2	
8	Washer	A2	

(1) EN-GJS-500-7 can be product as requested.

Seawater strainer type Y with lining:



Dimensions and weight



- DIN EN 1092-2 (DIN 2501)
- DIN EN 558-1 series 1 (DIN 3202-F1)

DN mm	PN bar	• L mm	• D mm	• K mm	• d2 mm	• n	• b mm	H1 mm	H2 mm	S mm	d1 mm	Zeta —	Kv m³/h	screen		Weight kg
														diameter	mesh	
50	10.16	230	165	125	19	4	19	128	215	112	60	3.1	57	1.5	4	9.55
65	10.16	290	185	145	19	4	19	185	315	172	65	3.1	96	3	6.5	15.7
80	10.16	310	200	160	19	8	19	205	355	193	80	3.2	143	3	6.5	21.8
100	10.16	350	220	180	19	8	19	240	415	222	95	3.4	223	3	6.5	31.35
125	10.16	400	250	210	19	8	19	285	475	243	110	3.4	338	3	6.5	44.8
150	10.16	480	285	240	23	8	19	328	548	287	132	3.5	480	3	6.5	63.8
200	10	600	340	295	23	8	20	405	660	332	180	3.5	854	3	6.5	111.9
200	16	600	340	295	23	12	20	405	660	332	180	3.5	854	3	6.5	121
250	10	730	395	350	23	12	22	515	880	510	256	3.5	1334	3	6.5	171
250	16	730	405	350	28	12	22	515	880	510	256	3.5	1334	3	6.5	171
300	10	850	445	400	23	12	24.5	610	1100	620	308	3.6	1895	3	6.5	250
300	16	850	460	410	28	12	24.5	610	1100	620	308	3.6	1895	3	6.5	250

Data for pressures 25 and 40 bars on request.



Strainer T type - Fabricated (STRT)

Size: DN 350 - 1600 mm

Pressure: PN 10 - 40 bars

Face to face: according to DIN EN 558-1 series 48 (DIN 3202-F6)

Flanges: according to DIN EN 1092-1 (DIN 2501)

Product Feature:

Exchangeable screen made of corrosion and acid resistant steel. Flanges are raised face according to standard DIN 2526 type C. This type of strainer is produced by welding process. Provided with a drain screw at the bottom and a air release screw on the cover.

Option:

- Screen material and mesh size as per request.
- Flanges according to ANSI standard
- Delivery without flange for direct welding to the pipes

Application:

Strainers are used to prevent damaging system parts like: valves, pumps, etc. by external particles. Strainers separate dirt and external particles from flow.

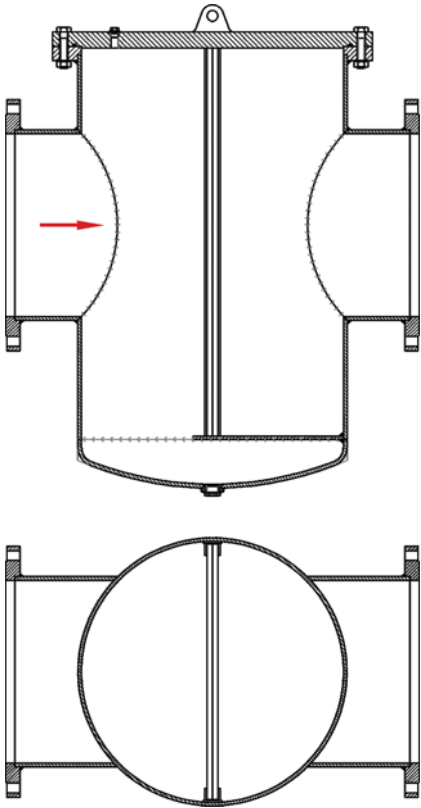
Corrosion protection:

Body and cover interior and outside are coated with electrostatic epoxy powder. with thickness at least 250 µ

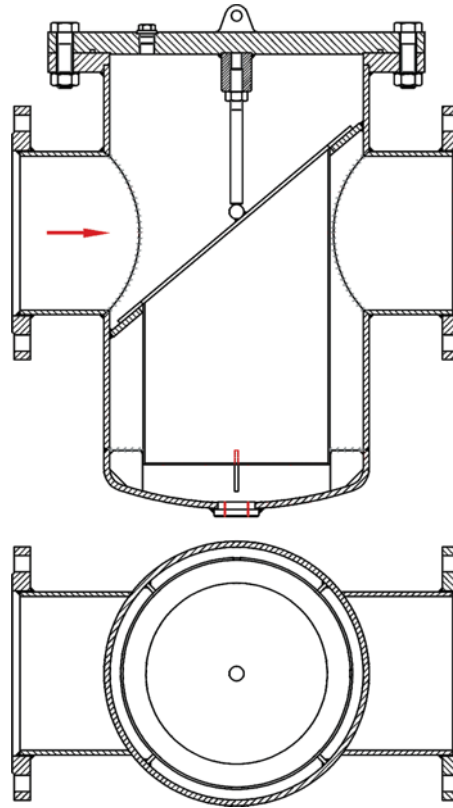
PN (bar)	Permissible Working Pressure (bar)	Permissible Working Temperature	Test pressure according to DIN EN 12266 in bar
			Hydrostatic test body
10	10	70°C	17
16	16	70°C	25
25	25	70°C	37.5



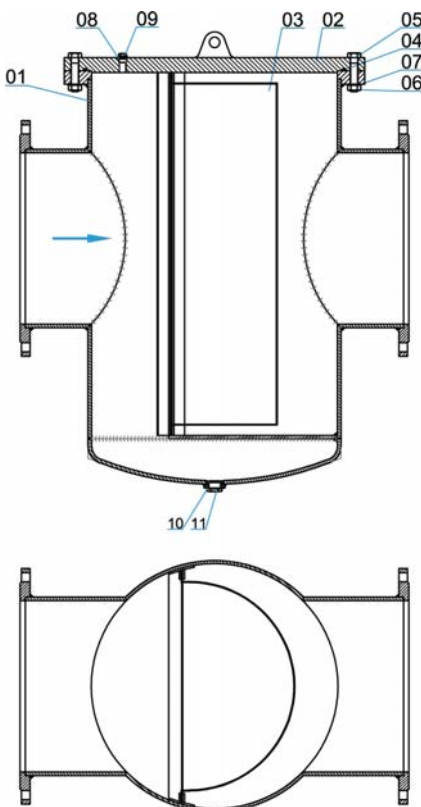
With flat screen



With cylindrical screen

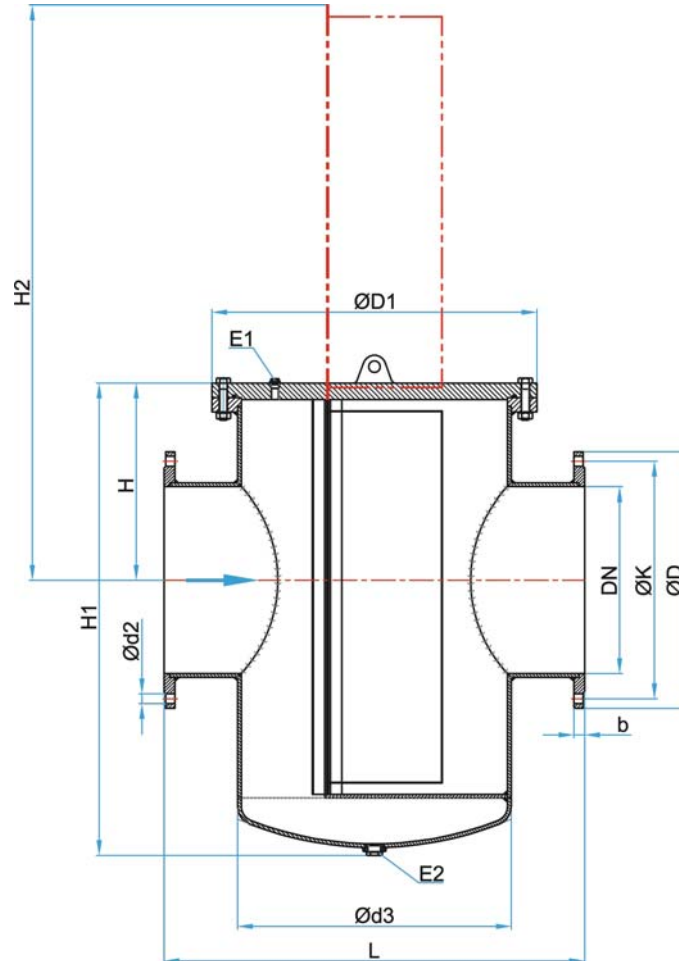


With curved screen



Part	Description	Material	Spare part
1	Body	St. 37-2	
2	Cover	St. 37-2	
3	Screen	1.4301	
4	Seal	NBR	•
5	Hex. head screw	A2	
6	Nut	A2	
7	Washer	A2	
8	Washer	Cu	•
9	Air release screw	A2	
10	Washer	Cu	•
11	Drain screw	A2	

Dimensions and weight (STRT):(Flat Screen)

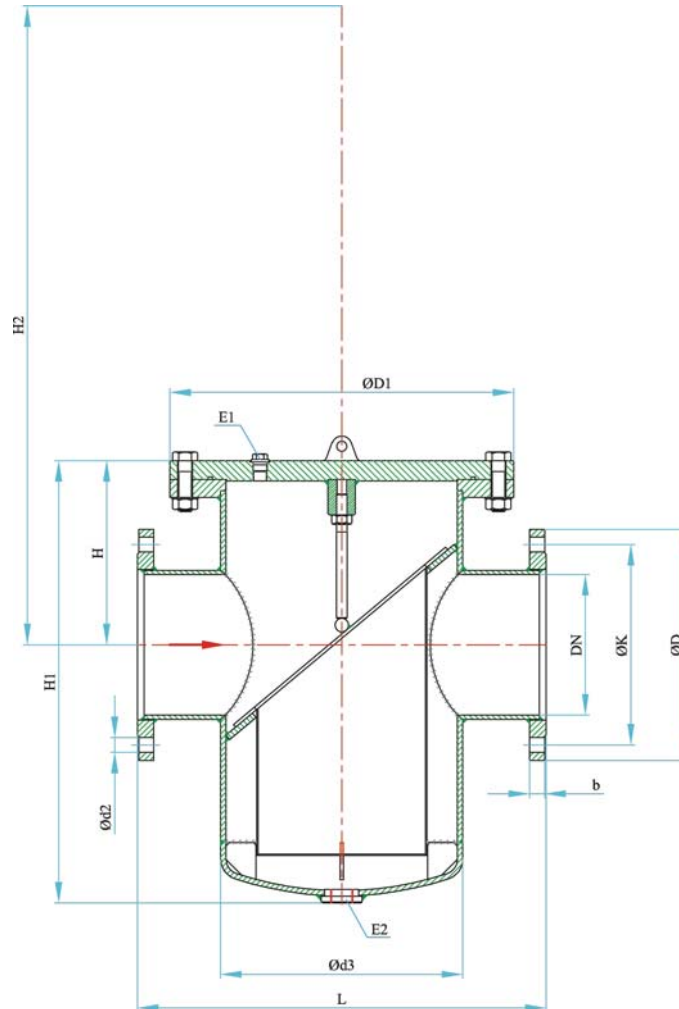


- DIN EN 1092-1 (DIN 2501)
- DIN EN 558-1 series 48 (DIN 3202-F6)

DN mm	PN bar	L mm	D mm	K mm	d2 mm	n	b mm	D1 mm	d3 mm	H mm	H1 mm	H2 mm	E1 in	E2 in	screen		Zeta —	Kv m³/h	Wgt. kg
															diameter	mesh			
350	10	800	505	460	22	16	26	620	508	410	915	1150	G	G1	4	10	3.6	2655	340
	16		520	470	26		30	630		420	930	1170	G	G1					410
400	10	900	565	515	26	16	26	720	610	425	905	1200	G	G1	4	10	3.5	3417	360
	16		580	525	30		32	730		440	920	1250	G	G1					460
500	10	1100	670	620	26	20	28	810	700	515	1225	1550	G	G1	4	10	3.5	5338	690
	16		715	650	33		34	820		525	1235	1550	G	G1					850
600	10	1300	780	725	30	20	28	930	800	640	1490	1900	G ¾	G1	4	10	3.2	8040	960
	16		840	770	36		36	930		650	1510	1900	G ¾	G1					1190
700	10	1500	895	840	30	24	30	1050	930	700	1500	2100	G ¾	G1	4	10			
	16		910	840	36		36	1050		700	1500	2100	G ¾	G1					
800	10	1700	1015	950	33	24	32	1050	1060	775	1700	2300	G ¾	G1	4	10			
	16		1025	950	39		38	1050		775	1700	2300	G ¾	G1					

Data for pressures 25 and 40 bars on request.

Dimensions and weight (STRT):(Cylindrical Screen)



• DIN EN 1092 - 1 (DIN 2501)

• DIN EN 558 - 1 series 1 (DIN 3202 - F1)

DN	PN	L	D	K	d2	n	b	D1	d3	H	H1	H2	E1	E2	Screen		Zeta	Kv	Wgt.
mm	bar	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	in	in	diameter	mesh		m ³ /h	kg
350	10	980	505	460	22	16	26	780	600	430	1118	1300	G	G1	4	10	3.6	2655	770
	16		520	470	26		30	840		430	1118	1300	G	G1					
400	10	1100	565	515	26	16	26	895	700	475	1375	1450	G	G1	4	10	3.5	3417	870
	16		580	525	30		32	910		475	1375	1450	G	G1					
500	10	1250	670	620	26	20	28	1115	800	600	1570	1800	G	G1	4	10	3.5	5338	1285
	16		715	650	33		34	1125		600	1570	1800	G	G1					
600	10	1450	780	725	30	20	28	1230	900	690	1945	2130	G ¾	G1	4	10	3.2	8040	2010
	16		840	770	36		36	1255		690	1945	2130	G ¾	G1					
700	10	1650	895	840	30	24	30	1160	1000	685	1945	2550	G ¾	G1	4	10			
	16		910	840	36		36	1160		690	1950	2550	G ¾	G1					
800	10	1850	1015	950	33	24	32	1270	1100	750	2150	3060	G ¾	G1	4	10			
	16		1025	950	39		38	1270		760	2160	3060	G ¾	G1					

Data for pressures 25 and 40 bars on request.

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Butterfly Valves Wafer Type (BVW)
Butterfly Valves Wafer Type for Sea Water (BVS)
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Air Valves (AV)
Hydrants (HT)
Automatic Control Valves (RV)
Non-Return Valves (NV)
Strainers (STR)
Accessories
Actuators



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