



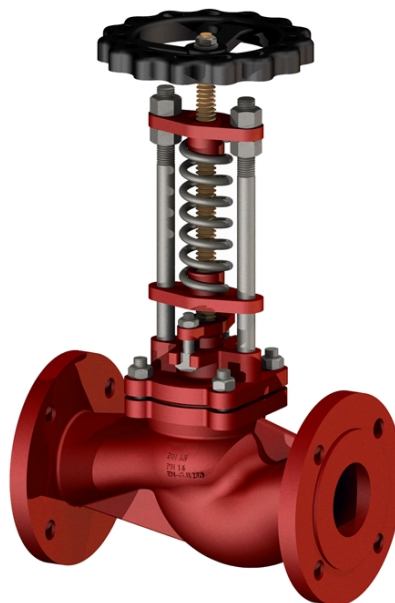
Overboard valve straight type 454002

Description

Overboard valve is a spring loaded globe valve used mainly for discharge of water. Keeps the system pressurized and minimizes cavitation. Adjustable pressure 0,1-0,5 bar. For discharge below water line use valve with SDNR disc. Metal sealing. Rising stem.

Specifications

Flange standard:	EN 1092-2
Face to face standard:	EN 558, series 1
Bonnet connection:	Bolted
Execution:	Straight
Connection type:	Flanged
Operation:	Handwheel
Actuation:	Multiturn



Media

Seawater and freshwater.

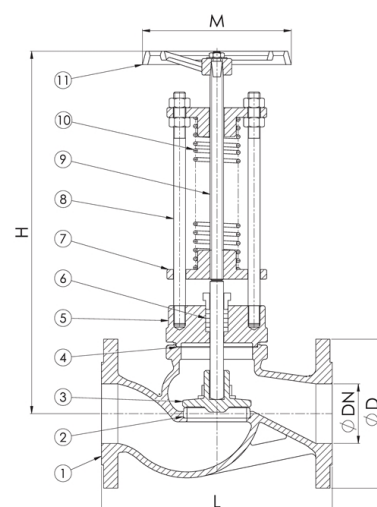
Material

No.	Part	Dimension	Material
1	Body		Ductile iron EN-JS1025 (GGG40.3)
2	Seat		Bronze CC491K (RG5)
3	Disc	DN 15-65	Bronze CC491K (RG5)
3	Disc	DN 80-300	Ductile iron EN-JS1025 (GGG40.3)
4	Bonnet gasket		Graphite
5	Bonnet		Ductile iron EN-JS1025 (GGG40.3)
6	Gland packing		Graphite
7	Bridge		Ductile iron EN-JS1025 (GGG40.3)
8	Columns		Stainless steel 1.4021 (AISI420)
9	Stem		Special brass CW710R (SoMs59)
10	Spring		Spring steel SH
11	Handwheel		Cast iron EN-JL1040 (GG25)



Max. working pressure (bar) at °C

DN	Connection	up to 120°C	180°C
15 - 125	PN 16	16	10
150 - 200	PN 10	10	6
250 - 300	PN 10	6	4



Stop valve

DN	Pressure rating	Connection	L	D	H	M	Weight (kg)	Color	Item no.
15	PN 16	PN 16	130	95	251	120	3.0	Red RAL 3011	91937
20	PN 16	PN 16	150	105	251	120	4.0	Red RAL 3011	91938
25	PN 16	PN 16	160	115	265	140	4.5	Red RAL 3011	91939
32	PN 16	PN 16	180	140	280	140	6.0	Red RAL 3011	91940
40	PN 16	PN 16	200	150	350	160	8.0	Red RAL 3011	91941
50	PN 16	PN 16	230	165	373	160	11.0	Red RAL 3011	91942
65	PN 16	PN 16	290	185	400	180	15.0	Red RAL 3011	91943
80	PN 16	PN 16	310	200	490	200	21.0	Red RAL 3011	91944
100	PN 16	PN 16	350	220	522	225	28.0	Red RAL 3011	91945
125	PN 16	PN 16	400	250	618	250	58.0	Red RAL 3011	40927
150	PN 10	PN 10	480	285	750	300	85.0	Red RAL 3011	40928
200	PN 10	PN 10	600	340	810	400	142.0	Red RAL 3011	40929

All measurements in mm. Weights are approximations.



Stop valve

DN	Pressure rating	Connection	L	D	H	M	Weight (kg)	Color	Item no.
250	PN 6	PN 10	730	395	950	520	180.0	Red RAL 3011	40930
300	PN 6	PN 10	850	445	1007	520	360.0	Red RAL 3011	40931

All measurements in mm. Weights are approximations.

SDNR disc

DN	Pressure rating	Connection	L	D	H	M	Weight (kg)	Color	Item no.
15	PN 16	PN 16	130	95	251	120	3.0	Red RAL 3011	41594
20	PN 16	PN 16	150	105	251	120	4.0	Red RAL 3011	41595
25	PN 16	PN 16	160	115	265	140	4.5	Red RAL 3011	41596
32	PN 16	PN 16	180	140	280	140	6.0	Red RAL 3011	41597
40	PN 16	PN 16	200	150	350	160	8.0	Red RAL 3011	41598
50	PN 16	PN 16	230	165	373	160	11.0	Red RAL 3011	41599
65	PN 16	PN 16	290	185	400	180	15.0	Red RAL 3011	41600
80	PN 16	PN 16	310	200	490	200	21.0	Red RAL 3011	41601
100	PN 16	PN 16	350	220	522	225	28.0	Red RAL 3011	41602
125	PN 16	PN 16	400	250	618	250	58.0	Red RAL 3011	41603
150	PN 10	PN 10	480	285	750	300	85.0	Red RAL 3011	41604
200	PN 10	PN 10	600	340	810	400	142.0	Red RAL 3011	41605
250	PN 6	PN 10	730	395	950	520	180.0	Red RAL 3011	41606
300	PN 6	PN 10	850	445	1007	520	360.0	Red RAL 3011	41607

All measurements in mm. Weights are approximations.