Quick closing valve straight type, hydraulic, mechanical, pneumatic



Technical features

Design	Bonnet: With Hydraulic-Pnuematic-Mechanical Operated Release Cylinder
Face to face	EN 558 Series 1 (DIN 3202 F1)
Flange Dimension	DIN Flanges acc. to EN 1092-2/B (DIN 2501)
Options	Impuls unit for remote control, Pneumatic control cabinet Proximity sensor, Mechanical switch
Flange Options	Special flange drilling acc. to ANSI or JIS

- Ductile Iron quick closing valves are specifically designed for marine use, providing a quick shut-off in emergency situations from outside the engine room and above the water line. Dikkan quick closing valves are equipped with a release cylinder for pneumatic, hydraulic, mechanical activation or automatic release in case of fire. TYPE APPROVED.

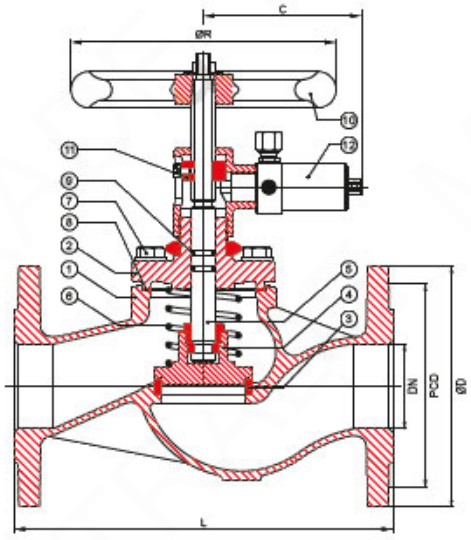
- Application: On board ships for fuel, oil etc.

Pressure & temperature ranges

		Working pressure [bar]	Hydro test pressure [bar]	
Bore	Pressure rating	80 °C	Casing	Closure
DN 15 - DN 150	PN16	16	24	17.6
DN 200	PN10	10	15	11

Material specifications

Part No.	Component	Material		
1	Body	EN-GJS400-18-LT	EN-JS 1025	GGG40.3
2	Bonnet	EN-GJS400-18-LT	EN-JS 1025	GGG40.3
3	Seats	X5CrNi18-10	1.4301	AISI304
4	Disc	X20Cr13	1.4021	AISI420
5	Stem	X20Cr13	1.4021	AISI420
6	Spring	Spring steel	Spring steel	Spring steel
7	Bolts, nuts	Steel	Steel	Steel
8	Bonnet gasket	Graphite	Graphite	Graphite
9	O-ring	NBR	NBR	NBR
10	Handwheel	EN-GJL250	EN-JL 1040	GG25
11	Retainer block	X5CrNi18-10	1.4301	AISI304
12	Cylinder	CuZn39Pb3	CW614N	Ms58



Dimensions

DN [mm]	Flange Connection	ØD [mm]	L [mm]	PCD [mm]	ØR [mm]	C [mm]	H [mm]	Weight [kg]
15	PN16	95	130	65	140	120	195	5
20	PN16	105	150	75	140	120	195	6
25	PN16	115	160	85	140	120	200	6.5
32	PN16	140	180	100	140	120	200	7.5
40	PN16	150	200	110	160	120	220	10
50	PN16	165	230	125	160	120	235	12
65	PN16	185	290	145	180	120	255	15
80	PN16	200	310	160	200	120	290	20
100	PN16	220	350	180	225	125	335	24
125	PN16	250	400	210	250	130	385	40
150	PN16	285	480	240	315	130	430	57
200	PN10	340	600	295	400	135	550	105

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