

Quick Closing Valve - Angle Type
 DIN Length - Hydraulic Pneumatic Mechanical

Technical features

Design	Bonnet: With Hydraulic-Pneumatic-Mechanical Operated Release Cylinder & Pull Ring
Face to face	EN 558 Series 8 (DIN 3202 F32)
Flange Dimension	DIN Flanges acc. to EN 1092-2/B DIN 2501
Options	Impuls unit for remote control
Flange Options	Special flange drilling acc. to ANSI or JIS

• Ductile Iron Merxtrade 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.

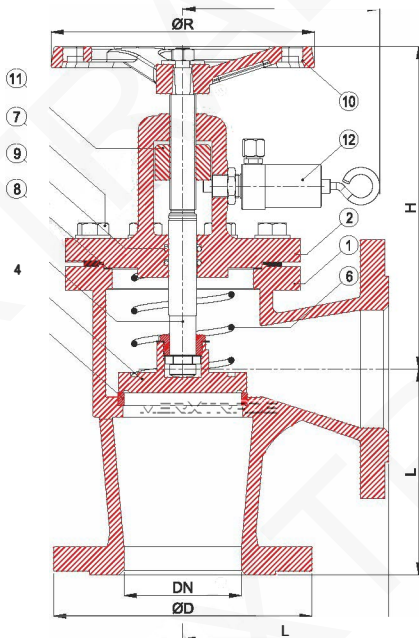
• Application: On board ships for fuel, oil etc.


Pressure & temperature ranges

Bore	Pressure rating	Working pressure [bar]		Hydro test pressure [bar]	
		150 °C	Casing	Closure	
DN 15 - DN 150	PN16	16	24	17.6	
DN 175 - 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	CuZn39Pb3	CW614N	Ms58
12	Cylinder	CuZn39Pb3	CW614N	Ms58


Dimensions

DN [mm]	Flange Connection	ØD [mm]	L [mm]	H [mm]	ØR [mm]	C [mm]	Weight [kg]
15	PN16	95	90	170	120	165	3.8
20	PN16	105	95	170	120	165	4
25	PN16	115	100	180	140	165	5
32	PN16	140	105	180	140	165	7
40	PN16	150	115	200	160	165	10
50	PN16	165	125	200	160	165	12
65	PN16	185	145	225	180	170	17
80	PN16	200	155	245	200	170	23
100	PN16	220	175	275	225	170	33
125	PN16	250	200	275	250	170	50
150	PN16	285	225	315	300	170	70
175	PN10	315	250	360	400	170	90
200	PN10	340	275	360	400	175	110