

Description

Gate valve used as shut off in cooling, sea water and shipside applications. Multiturn operation. Non-rising stem. With position indicator.

Specifications

Flange standard:	EN 1092-2
Face to face standard:	EN 558, series 14
Bonnet connection:	Bolted
Execution:	Straight
Connection type:	Flanged
Operation:	Handwheel
Actuation:	Multiturn



Media

Thermal oil. Fuel oil, lubricating oil and flammable hydraulic oil. Cargo oil. Non-flammable hydraulic fluid. Boiler feedwater, condensate. Seawater and freshwater.

Variants

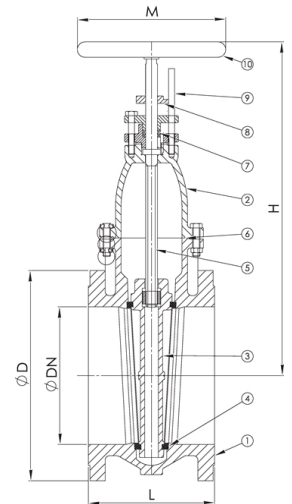
Larger dimensions on request.

Material

No.	Part	Material
1	Body	Ductile iron EN-JS1025 (GGG40.3)
2	Bonnet	Ductile iron EN-JS1025 (GGG40.3)
3	Wedge	Ductile iron EN-JS1025 (GGG40.3)
4	Seat	Bronze CC491K (RG5)
5	Stem	Brass CW614N (Ms58)
6	Gasket	NBR bonded aramid
7	Gland packing	PTFE
8	Indicator	Bronze CC491K (RG5)
9	Indicator pin	Steel 1.0037 (St37)
10	Handwheel	Cast iron EN-JL1040 (GG25)

Max. working pressure (bar) at °C

DN	Connection	120°C
40 - 150	PN 16	16
200 - 300	PN 10	10



Items

DN	Item no.	Pressure rating	Connection	L	D	H	M	Weight (kg)	Color
40	80172	PN 16	PN 16	140	150	265	140	11.0	Red RAL 3011
50	80173	PN 16	PN 16	150	165	270	140	13.0	Red RAL 3011
65	80174	PN 16	PN 16	170	185	295	160	17.0	Red RAL 3011
80	80175	PN 16	PN 16	180	200	325	160	20.0	Red RAL 3011
100	80176	PN 16	PN 16	190	220	365	200	28.0	Red RAL 3011
125	80177	PN 16	PN 16	200	250	440	200	40.0	Red RAL 3011
150	80178	PN 16	PN 16	210	285	490	200	50.0	Red RAL 3011
200	80179	PN 10	PN 10	230	340	610	250	85.0	Red RAL 3011
250	80180	PN 10	PN 10	250	395	730	315	135.0	Red RAL 3011
300	80181	PN 10	PN 10	270	445	870	315	180.0	Red RAL 3011

All measurements in mm. Weights are approximations.