

DIN Globe Valve - Straight Bolted Bonnet DIN Length

Cast Iron
Bronze Trim
SDNR Type

Technical features

Standard	DIN 86252 SDNR Type (DIN 3356)
Face to face	EN 558 Series 1 (DIN 3202 F1)
Flange dimension	DIN Flanges acc. to EN 1092-2/B (DIN 2501)
Flange connection	PN10/16

- DIN Cast Iron globe valves with bronze trim, pressure rating PN 4/6/10/16, straight pattern, bolted bonnet, outside screw & yoke. Raised face flanges according to DIN. TYPE APPROVED.

- Application: Aboard ships for hot and cold water, oil and steam.

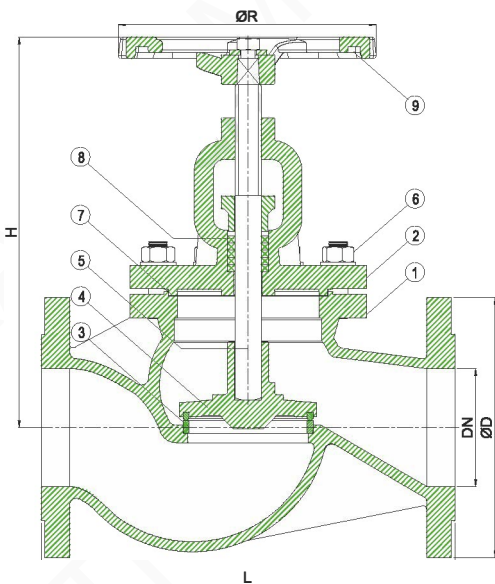


Pressure & temperature ranges

Bore	Pressure rating	Working pressure [bar]		Hydro test pressure [bar]	
		120 °C	180 °C	Casing	Closure
DN 15 - DN 200	PN16	16	10	24	17.6
DN 250	PN10	10	6	15	11
DN 300 - DN 350	PN 6	6	4	9	6.6
DN 400 - DN 600	PN 4	4	2	6	4.4

Material specifications

Part No.	Component	Material		
1	Body	EN-GJL250	EN-JL 1040	GG25
2	Bonnet	EN-GJL250	EN-JL 1040	GG25
3	Seats	CuSn5Zn5Pb5-C	CC491K	RG5
4	Disc ≤ 65)	CuSn5Zn5Pb5-C	CC491K	RG5
4	Disc (≥ 80)	EN-GJS400-18-LT	EN-JS 1025	GGG40.3
5	Stem	CuZn35Ni3Mn2AlPb	CW710R	Som59
6	Bolts, nuts	Steel	Steel	Steel
7	Bonnet gasket	Gra hite	Gra hite	Gra hite
8	Gland packing	Gra hite	Gra hite	Graphite
9	Handwheel	EN-GJL250	EN-JL 1040	GG25



Dimensions

DN [mm]	Flange Connection	ØD [mm]	L [mm]	H [mm]	ØR [mm]	Weight [kg]
15	PN16	95	130	165	120	3.8
20	PN16	105	150	165	120	4.0
25	PN16	115	160	175	140	5.0
32	PN16	140	180	180	140	7.0
40	PN16	150	200	220	160	11
50	PN16	165	230	230	160	13
65	PN16	185	290	245	180	18
80	PN16	200	310	295	200	25
100	PN16	220	350	330	225	35
125	PN16	250	400	365	250	55
150	PN16	285	480	420	300	75
175	PN16	315	550	500	400	115
200	PN16	340	600	510	400	135
200	PN10	340	600	510	400	135
250	PN10	395	730	600	520	215
300	PN10	445	850	670	520	305
350	PN10	505	980	755	640	405
400	PN10	565	1100	835	640	550
450	PN10	615	1200	920	640	690
500	PN10	670	1250	970	640	835
600	PN10	780	1450	1200	640	1050