

Globe valve straight cast steel

Technical features

Standard	DIN EN 13709 SDNR Type (DIN 3356)
Face to face	EN 558 Series 1 (DIN 3202 F1)
Flange dimension	DIN Flanges acc. to EN 1092-1/B (DIN 2501)
Flange connection	PN40

Cast Steel
 SS Trim
 SDNR Type
 STOP Type

- DIN Cast Steel MXT globe valves with stainless steel trim, pressure rating PN40, straight pattern, bolted bonnet, outside screw & yoke. Raised face flanges according to DIN. TYPE APPROVED.
- Application: Steam, cold and hot water, oil and gases and aggressive media, for higher temperatures and pressures.



Pressure & temperature ranges

Bore	Pressure rating	Working pressure [bar]		Closure
		120 °C	Casing	
DN 15 - DN150	PN40	40	60	44
DN 200	PN16	16	24	17.6
DN 250 - DN 300	PN10	10	15	11

Material specifications

Part No.	Component	Material		
1	Body	GP240GH	1.0619	GSC25
2	Bonnet	GP240GH	1.0619	GSC25
3	Seats	X5CrNi18-10	1.4301	AISI304
4	Disc (≤ 65)	X20Cr13	1.4021	AISI420
4	Disc (≥ 80)	GP240GH	1.0619	GSC25
5	Stem	X20Cr13	1.4021	AISI420
6	Bolts, nuts	Steel	Steel	Steel
7	Bonnet gasket	Graphite	Graphite	Graphite
8	Gland packing	Graphite	Graphite	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	PN40	95	130	165	120	4
20	PN40	105	150	165	120	4.5
25	PN40	115	160	175	140	5
32	PN40	140	180	180	140	7
40	PN40	150	200	220	160	11
50	PN40	165	230	230	160	13
65	PN40	185	290	245	180	19
80	PN40	200	310	295	295	25
100	PN40	220	350	330	225	35
125	PN40	250	400	365	250	58
150	PN40	285	480	420	300	80
175	PN40	315	550	500	400	125
200	PN40	340	600	510	400	145
200	PN40	340	600	510	400	145
250	PN40	395	730	600	520	230
300	PN40	445	850	670	520	330

