

FIG 203 & 203A Globe Valve

Globe Valve

Figure Nos. 203 (straight) and 203A (angle) cast steel globe valves. They are designed for service at higher pressures and temperatures. The designs shown on this page are suitable for steam services of 1700 kPa at a temperature of 427°C.

Body	Cast Steel
Trim	Stainless Steel
Size Range	DN40 – DN150 (Larger Available on Request)
Pressure Range	PN35
Max. Working Pressure	Steam: Max. Temp. 427°C, 1700 kPa. Water, Oil, Gas: 3500 kPa.
Hydrostatic Test Pressure	Body: 5250 kPa Seat: 3850 kPa
Connections	Flanged Table H
Options	Pintle Guide (Vertical Installation), Butt Weld Ends, Coatings

Dimensions (mm) Larger Sizes Available

Size	A	B (close)	Lift	B (open)	B1 (close)	B1 (open)	C	D	E	F	G
40	188	264	13	277	262	275	203	140	17	94	94
50	216	278	21	299	277	298	203	165	19	108	108
65	235	317	25	342	301	326	203	185	19	117	127
80	267	314	25	339	291	316	203	205	22	140	140
100	330	399	31	430	367	398	305	230	25	152	165
125	381	420	39	459	383	422	432	280	29	178	191
150	432	478	44	522	399	443	432	305	29	203	216

Materials of Construction

ID	Part Description	Material
1	Body	WCB
2	Body Gasket	Graphite
3	Balls	Stainless Steel
4	Cover	WCB
5	Crosshead	Gunmetal
6	Gland	Gunmetal
7	Handwheel	Cast Iron
8	Packing	Graphite
9	Pillar Bar	Stainless Steel
10	Spindle	Stainless Steel
11	Valve Member	Stainless Steel
12	Valve Seat	Stainless Steel

Note: Globe valves should be installed with the stem in a vertical position, ensuring the flow arrow on the valve body indicates the correct direction. The handwheel should be at the top for easy operation and to prevent debris accumulation.



Fig 203

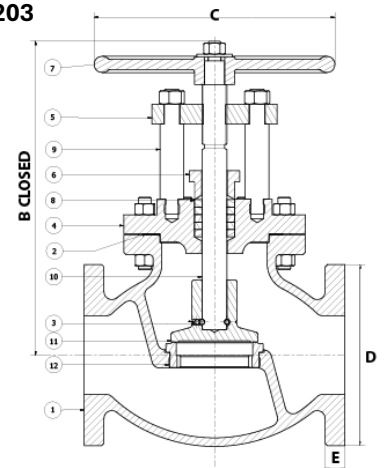


Fig 203A

