

D&D Valve & Engineering Supplies (Pty) Ltd

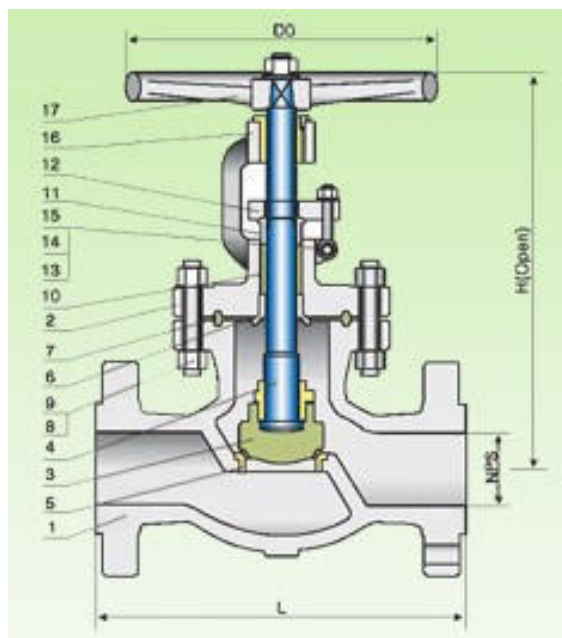
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CLASS 150 WCB GLOBE VALVE



DESCRIPTION

Designed & manufactured according to API 600

Flanged ANSI 150 RF (undrilled also available)

Shell Test Pressure: 29.5 bar Water

Seat Test Pressure: 21.6 bar Water

Back Seat Test Pressure: 21.6 bar Water

Working Pressure/Temp: 19.7 bar @ 38°C

14.0 bar @ 200°C

12.1 bar @ 250°C

10.2 bar @ 300°C

6.5 bar @ 400°C

MATERIALS LIST

NO.	PART	MATERIAL	STANDARD
1	Body	Cast Steel	ASTM A216 Gr.WCB
2	Bonnet	Cast Steel	ASTM A216 Gr.WCB
3	Disc	Forged Carbon Steel	ASTM A105 + 13% Cr.
4	Stem	Stainless Steel	AISI
5	Seat Ring	Forged Carbon Steel	ASTM A105 + HF
6	Stem Backseat	Stainless Steel	ASTM A276-420
7	Bonnet Gasket	Steel Ring	
8	Bonnet Stud	Carbon Steel	ASTM A193 Gr.B7
9	Bonnet Stud Nut	Carbon Steel	ASTM A194 Gr.2H
10	Packing	Graphite	
11	Gland	Stainless Steel	ASTM A276-420
12	Gland Flange	Cast Steel	ASTM A216 Gr.WCB
13	Eye Bolt Pin	Carbon Steel	
14	Eye Bolt	Carbon Steel	
15	Eye Bolt Nut	Carbon Steel	
16	Yoke Sleeve	Aluminium Bronze	
17	Hand Wheel	Malleable Iron	

DIMENSIONS

NPS	L	FLANGE OD	FLANGE RF OD	H (Open)	H/W OD	WEIGHT (APPROX)
50	203	152	92	312	203	21 Kg
80	241	191	127	365	254	35
100	292	229	157	439	254	58
150	406	279	216	522	356	104
200	495	343	270	661	457	162
250	622	406	324	825	508	289

All dimensions in mm