

D&D Valve & Engineering Supplies (Pty) Ltd

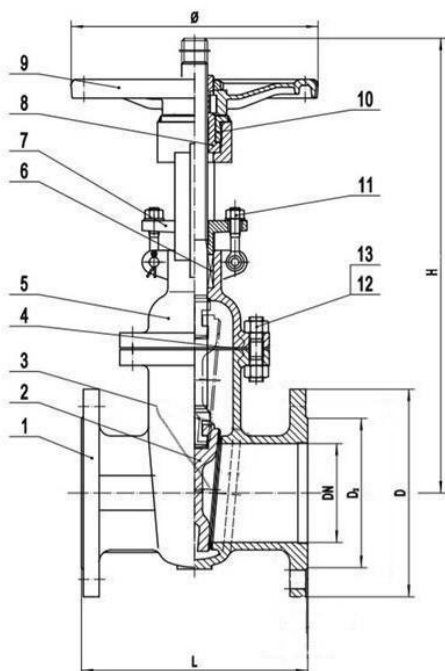
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CLASS 150 WCB GATE VALVE



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	Wedge	Cast Steel	ASTM A217 Gr.CA15
3	Seat Ring	Forged Carbon Steel	ASTM A105 + 13% Cr.
4	Bonnet Gasket	SS316 & Graphite	
5	Bonnet	Cast Steel	ASTM A216 Gr.WCB
6	Gland Packing	Graphite	
7	Gland Flange	Cast Steel	ASTM A216 Gr.WCB
8	Yoke Sleeve	Aluminium Bronze	
9	Handwheel	Ductile Iron	ASTM A216 Gr.WCB
10	Gland Bush	Stainless Steel	ASTM A276 Gr.410
11	Gland Eyebolt & Nut	Cast Steel	ASTM A193 & A194
12	Bonnet Bolt	Carbon Steel	ASTM A193 Gr.B7
13	Bonnet Nut	Carbon Steel	ASTM A194 Gr.2H

DIMENSIONS

DN	L	D	D1	H (Open/Close)	Ø	WEIGHT (APPROX)
50	178	152	92	303/366	203	18 Kg
80	203	191	127	357/445	254	34
100	229	229	157	434/548	254	48
150	267	279	216	686/752	356	80
200	292	343	270	700/992	457	125
250	330	406	324	855/1118	457	200
300	356	483	381	1001/1335	508	285

All dimensions in mm