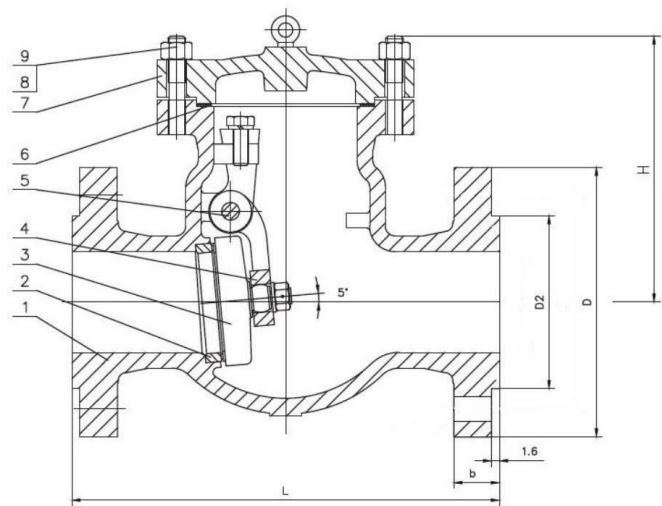


CLASS 150 WCB SWING CHECK VALVE



DESCRIPTION

Designed & manufactured according to ANSI B16.34

Flanged ANSI 150 RF (undrilled also available)

Shell Test Pressure: 29.5 bar water

Seat Test Pressure: 21.6 bar water

Maximum Working Pressure: 19.7 bar

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	Seat	Forged Carbon Steel	ASTM A105 + F6
3	Disc	Cast Steel	ASTM A216 + F6
4	Hinge	Cast Steel	ASTM A216 Gr.WCB
5	Hinge Pin	Stainless Steel	ASTM A276 Gr.410
6	Gasket	Graphite	SS316 & Graphite
7	Bonnet	Cast Steel	ASTM A216 Gr.WCB
8	Bonnet Nut	Carbon Steel	ASTM A194 Gr.2H
9	Bonnet Bolt	Carbon Steel	ASTM A194 Gr.B7

DIMENSIONS

DN	L	b	D	D2	H	WEIGHT (APPROX)
50	203	19	152	92	147	15 Kg
80	241	23.8	191	127	169	28
100	292	23.8	229	157	194	42
150	356	25.4	279	216	293	79
200	495	28.6	343	270	346	130
250	622	30.2	406	324	408	175
300	698	31.7	483	381	503	280

All dimensions in mm