

Cast Iron Swing Check Valve

Class 125 : Conforming to BS : 5153



RASHTRIA Cast Iron Swing Check Valves, Bolted Cover, Flanged Ends as per ANSI B 16.1 Class 125 conforming to BS:5153, Short Series are available in the following three classifications nominal sizes 400mm to 300mm

DESIGN FEATURES

1. Ideally suitable for wet service for uni-directional flow in horizontal as well as Vertical (upward flow) pipelines.
2. Bolted Cover with male/female confined gasket joint.
3. Full operating disc under pressure resulting in least possible pressure drop across the valve.
4. Strong hinge pin guided at both ends for more durability.
5. Accurately machined flange faces giving pressure tight joints when fitted with proper gaskets.

Temperature [°C]	Maximum permissible gauge Working Pressure at Temperature °C									
	10 to66	93	107	121*	135	149	163	177	191	204
Maximum permissible working pressure bar g**	13.8	13.1	12.4	12.1	11.7	11.4	10.7	10.3	10.0	9.7

* Maximum Recommended Service Temperature for Rubber Seated Valve

**1 bar=14.50psi

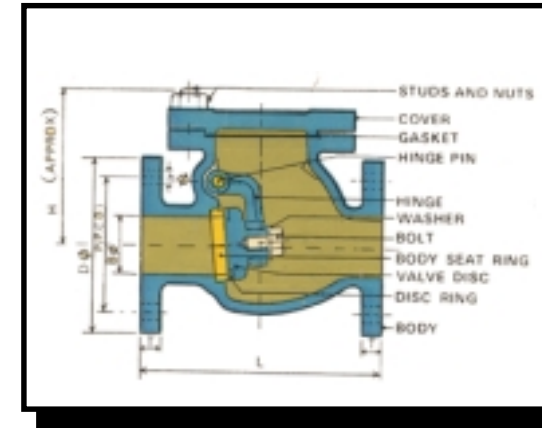
CAST IRON SWING CHECK VALVE CL-125 CONFORMING TO BS:5153

Component	ALL IRON Cat . No. CVS - 604 A		BRONZE TRIM Cat . No. CVS - 604 B		S.S. TRIM Cat . No. CVS - 604 C	
	Material	Standard	Material	Standard	Material	Standard
Body , Cover ,Hinge and Valve disc.	Cast Iron	IS 210 Gr. FG-200	Cast Iron	IS 210 Gr. FG-200	Cast Iron	IS 210 Gr. FG-200
Body Seat Ring and Valve Disc Ring	Mild Steel	IS :226	Bronze	IS 318 Gr.2	S.S. 13% Cr	AISI 410
Hinge Pin	Same as Body	Integral Seats in Body & Wedge	Bronze	IS 318 Gr.2	S.S. 13% Cr	AISI 41
Washer and Hinge Pin Plug	Mild Steel	IS : 226	Bronze	IS 318 Gr.2	S.S. 13% Cr	AISI 41
Gasket	CAF	BS:1832	CAF	BS:1832	CAF	BS:1832
Fasteners	Mild Steel	IS:226	Mild Steel	IS:226	Mild Steel	IS:226

m m	B	L	H	D	T	P	h	N *
40	40	165	135	127	14.3	98.4	15.9	4
50	50	203	140	152	15.9	120.6	19.0	4
65	65	216	155	178	17.5	139.7	19.0	4
80	80	241	170	190	19.0	152.4	19.0	4
100	100	292	190	229	23.8	190.5	19.0	8
125	125	330	210	254	23.8	215.9	22.2	8
150	150	356	230	279	25.4	241.3	22.2	8
200	200	495	280	343	28.6	298.4	22.2	8
250	250	622	340	406	30.2	362.0	25.4	12
300	300	628	400	483	31.8	431.8	25.4	12

* N = Number of Holes

Face to Face dimentions 'L' conforms to BS. 5150 PN 10 which are identical to those given in ANSI B 16.1 Class 125



SCALE : N.T.S.

Cast Iron Globe Valve			
Test Pressure		Name	Date
	Traced		
	Drawn		
Cat. No.	CVS 404	Compared	
Drg. No.		Checked	
Material		Approved	
Rashtria Metal & Steel Inds.(Regd) Jalandhar - 144 004 (India)			

Due to Continuos development , modifications are made by our Engineering Dept. Design & Data are subject to change without notice to give you a Better Product.