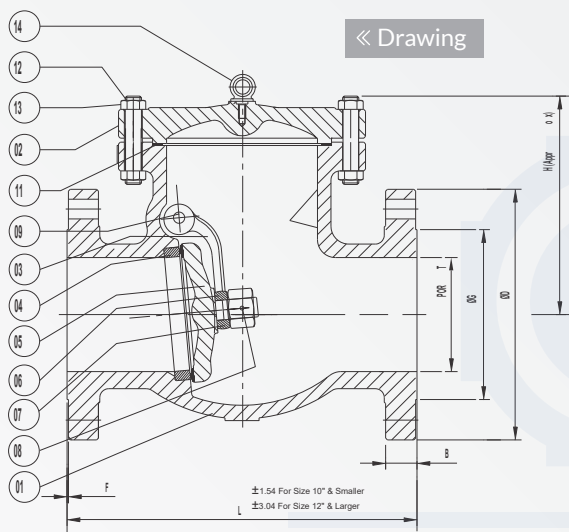


Swing Check Valves (NRV)

Technical Data

Design & Manufacturing Std: BS 1873
 Testing & inspection Std: API 598 / BS 5145
 Face To Face: As Per ANSI B 16.10
 End Connections: Flanged As Per ANSI 16.5 RF



SWING CHECK VALVE									
Size	FB	L	H	ØD	B	ØG	ØJ	PSD	N
25	25	127	95	108	11.18	50.8	15.75	79.25	04
32	32	139.8	102	117	12.7	63.5	15.75	89	04
40	38	165.2	110	127	14.22	73.15	15.75	98.5	04
50	51	203	130	154.4	15.75	92	19.05	120.65	04
65	64	216	140	178	17.53	104.65	19.05	139.7	04
80	76	241.3	162	190.5	19.05	127	19.05	152.4	04
100	102	292	187	228.6	23.88	157.23	19.05	190.5	08
125	127	330	217	254	23.88	185.67	22.35	216	08
150	152	355.6	235	279.4	25.4	215.9	22.35	241.3	08
200	203	465.3	285	343	28.45	270	22.35	298.45	08
250	254	622.3	338	406	30.23	324	25.40	362	12
300	305	698.5	380	483	31.75	381	25.40	432	12



S. N.	Parts Name	Material	Qty
01	Body	ASTM A 216 Gr. WCB	1
02	Cover	ASTM A 216 Gr. WCB	1
03	Hinge	ASTM A 216 Gr. WCB	1
04	Sear Ring	AISI 410/ASTM A 217 Gr. Ca15	1
05	Disc	ASTM A 217 Gr. Ca15/WCB+13 Cr. Facing	1
06	Disc Returning Nut	AISI 304	1
07	Disc Washer	AISI 304/410	1
08	Cotter Pin	AISI 304	1
09	Hinge Pin	AISI 410	1
10	Plug	Carbon Steel	1
11	Cover Gasket	Asbestos Filler SS 304 Spiral Wounded/Caf	1
12	Cover Studs	M.S.	Req.
13	Cover Nuts	M.S.	Req.
14	Lifting Eye Ball	Carbon Steel	1

PRIMARY SERVICE RATING & TEST PRESSURE

Class	Hydro Test Pressure		Max. Temp.
	Body	Seat	
150	425 PSI	300 PSI	200°C
Air Test - Seat 80 PSI ± PSI			

Note: (1) All Dimension are in mm
 (2) Tolerance ± 3 mm

