

Cast Steel Swing Check Valves

Class 150, Class 300, Class 600

Swing CheckValves



Technical Data

Features

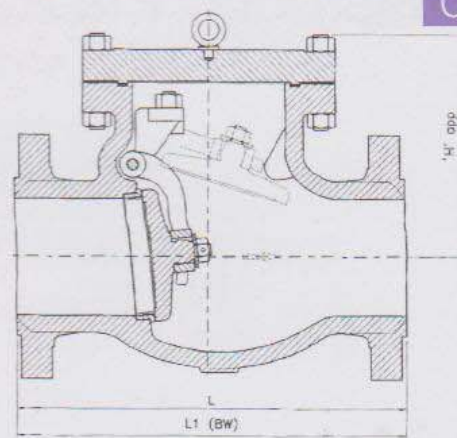
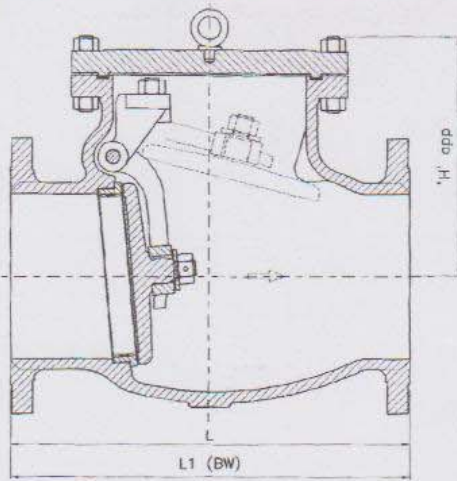
- **General** Cast Steel Swing Check Valves have been designed to meet the requirements of BS 1868/ ASME B 16.34/API6D-IS014313
- Face to Face and End to End dimensions conform to ASME B 16.10/ ISO 5752 / BS 2080/ DIN
- End flange dimensions conform to ASME B 16.5/ ISO 7005-1 / API 605 / BS 3293 / DIN
- Butt weld end dimensions conform to ASME B 16.25
- The Seat-rings are cylindrical bottom seated type having ample cross section for strength are provided with welded in and threaded Seat-rings will be supplied on request. In case of SS valves the Seat-rings are integral to Body
- The Body to Bonnet joint is a male & female in ISO PN 20, PN 50 & PN 110/ ASME 150#, 300# & 600# valves and ring joint is used in higher classes.

Options

- Tilting disc design available
- CheckValves can be supplied with counter weight or dash pot arrangement
- Full opening, piggable design available

DynaFluid Valves and Flow Controls Pvt, Ltd.

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Part Name Material Option

Body	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Cover	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Disc**	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Hinge	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Hinge Bracket	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Hinge Pin	ASTM A 276 410 / A 276 304 / A 276 304L / A 276 316L
Seat Rings**	ASTM A 216 WCB / A 217 WC6 / A 217 WC9 / A 217 C5 / A 217 C12 / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB
Disc Nut	Carbon Steel / Stainless Steel
Washer	Carbon Steel / Stainless Steel
Gasket	Soft Iron / SS 304 / Graphoil
Lock Nut	Carbon Steel / SS 304
Studs / Bolt	ASTM A 193 Gr. B7 / A 193 Gr. Gr.B8 / A 193 Gr.B8M / A 320 Gr. L7
Nut	ASTM A 193 Gr. B7 / A 193 Gr. Gr.B8 / A 193 Gr.B8M / A 320 Gr. 4/7

ISO PN 20 / ASME Class 150

SIZE DIN	25	40	50	65	80	100	150	200	250	300
L-RF	127	165	203	216	241	292	356	495	622	699
L1-BW	127	165	203	216	241	292	356	495	622	699
H (Approx)	122	141	155	190	200	225	260	305	390	410
Wt (Approx) Kg	10.5	13	16	25	34	46	89	120	220	337

ISO PN 50 / ASME Class 300

SIZE DIN	25	40	50	65	80	100	150	200	250	300
L-RF	216	241.3	267	292	318	355	444	553	622	711
L1-BW	216	241.3	267	292	318	355	444	553	622	711
H (Approx)	145	168	180	200	225	240	310	370	410	440
Wt (Approx) Kg	19.5	23	26	32	53	73	157	234	348	450

ISO PN 110 / ASME Class 600

SIZE DIN	25	40	50	65	80	100	150	200	250	300
L-RF	216	241	292	330	355	431	558	660	787	838
L1-BW	216	241	292	330	355	431	558	660	787	838
H (Approx)	155	178	190	215	250	260	350	420	490	525
Wt (Approx) Kg	23.5	28	33	49	62	95	195	360	465	725



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