

Cast Steel Globe Valves

Class 150, Class 300, Class 600

Globe Valves



Technical Data

Features

- **General** Cast Steel Globe Valves have been designed to meet the requirements BS 1873 /ASME B 16.34
- 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
- Anti-frictional Ball bearings are provided in higher sizes and classes.
- Outside screw and yoke construction
- All the valves provided with backseat arrangement
- The gland is of self aligning two piece type
- Deep stuffing box
- The Seat-rings are shoulder-seated type having ample cross section for strength is 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

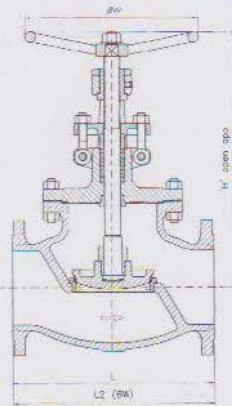
Options

- For low temperature and cryogenic services (cold box and non-cold box applications) extended bonnet as per BS 6364 available
- Locking arrangement
- Gear, Electrical, Hydraulic or Pneumatic actuator available

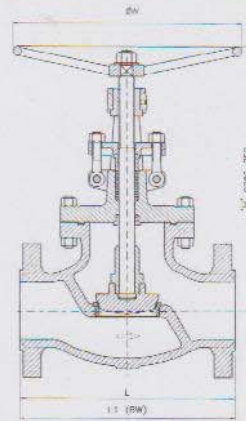
DynaFluid Valves and Flow Controls Pvt, Ltd.

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Class 150



Class 300/600



Part Name Material Option

Materials	Body	ASTMA 216WCB / A 217 WC6 / A217 WC9 / A 217 C5 / A 217 C12 / A351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A352 LCB
	Bonnet	ASTMA 216WCB / A 217 WC6 / A217 WC9 / A 217 C5 / A 217 C12 / A351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A352 LCB
	Disc	ASTMA 216WCB / A 217 WC6 / A217 WC9 / A 217 C5 / A 217 C12 / A351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A352 LCB
	Disc Nut	ASTMA 276410 / A 276 304 / A 276 304L / A 276 316L
	Stem	ASTMA 276410 / A 276 304 / A 276 304L / A 276 316L
	Seat Rings**	ASTMA 216WCB / A 217 WC6 / A217 WC9 / A 217 C5 / A217 C12 / A351 CF8 / A351 CF8M / A 351 Cf3 / A 351 CF3M A / 352 LCB
	Back Seat Bushing	ASTMA 276410 / A 276304 / A 276304L / A276316L
	Gland	ASTMA 276410 / A 276304 / A 276304L / A276316L
	Grand Flange	Carbon Steel / Stainless Steel
	Stem Nut	ASTMA 439 Gr.D2 / Al.Bronze
	Lock Nut	Carbon Steel / SS 304
	Gland Packing	Graoholi / PTFE
	Bonnet Gasket	Corrugated Soft Iron /Corrugated SS / Sprial Wound SS 340 with Asbestos or Graphoil / Octagonal Ring
	Gland Eye- Bolt& Nut	Carbon Steel / Stainless Steel
	Cross Bolt & Nuts	Carbon Steel / Stainless Steel
	Hand Wheel	Carbon Steel
	Hand Wheel Nut	Carbon Steel
	Grub Screw	Carbon Steel
Dimensions	Stude /Bolt	ASTMA 193Gr. B7 / A 193 Gr. Gr.B8 / A 193 Gr.B8M / A 320 Gr. L7
	Nut	ASTMA 193Gr. 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	240	292	406	495	622	699
L1-BW	127	165	203	216	240	292	406	495	622	699
H (Approx)	210	280	330	390	410	475	585	725	825	940
Dia W	180	200	200	250	250	300	350	450	500	600
Wt (Approx) Kg	15	19	23	29	40	59	115	178	268	385

ISO PN 50 / ASME Class 300

SIZE DIN	25	40	50	65	80	100	150	200	250	300
L-RF	203	229	267	292	318	355	444	558	622	711
L1-BW	203	229	267	292	318	355	444	558	622	711
H (Approx)	280	325	350	425	485	520	655	825	920	1155
Dia W	180	200	200	250	300	300	350	500	500	700
Wt (Approx) Kg	19	24	30	45	60	83	162	265	375	525

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)	345	390	420	490	550	590	700	950	1140	1320
Dia W	250	250	250	300	300	350	500	600	600	400**
Wt (Approx) Kg	28	31	39	60	76	122	245	447	692	975

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