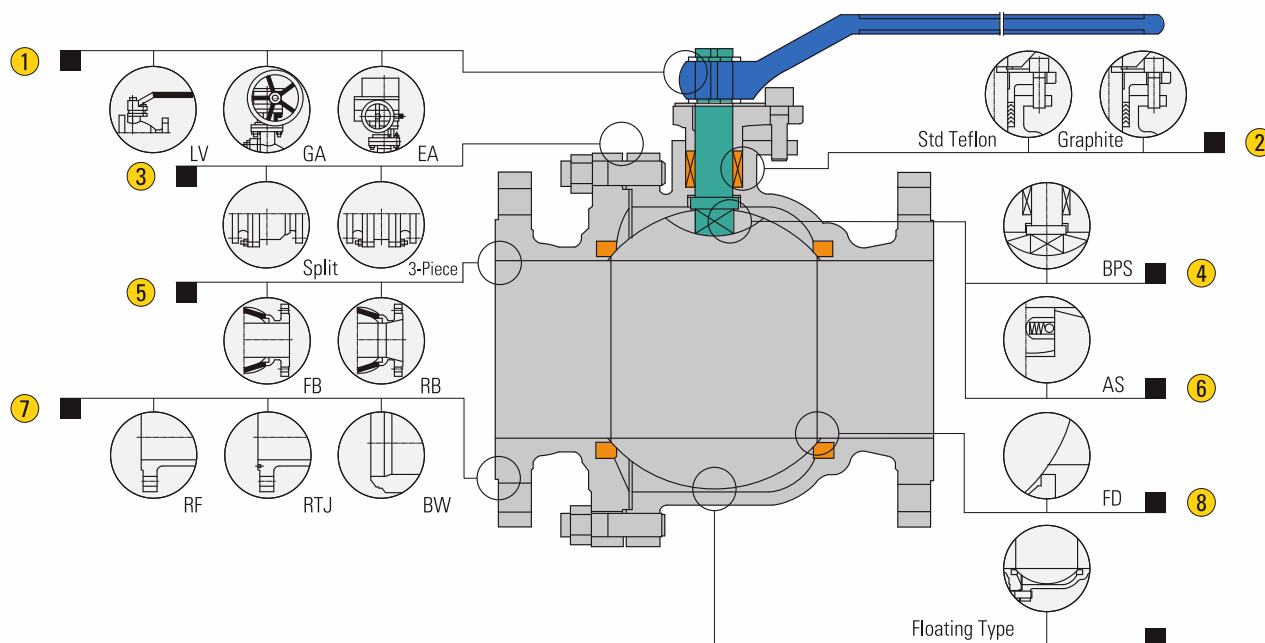


Available modifications for cast steel and stainless steel valves

- Trim changes
- End connection modifications
- Packing and gasket changes
- Operator mounting
- Handwheel extensions
- Prepressure equalizing
- AS od FD
- Customer specified coatings
- Weld end bore changes
- Oxygen & chlorine cleaning & packing



1. Operating

Extended lever for easy operation. Also available with gearing, motor actuators, pneumatic or hydraulic actuators for more difficult services.

2. Packing

STD Packing multiple V-TEFLON packing, combined with live loading, maintains packing compression under high cycle and severe service applications. Graphite packing use situation for high-temperature.

3. Body & Bonnet

Split or 3-piece, split body & bonnet for 12" & smaller. Disassembles easy for repair or replacement of internal components.

4. BPS

Blow-out proof stem. A pressure-safe stem shoulder design that protects against failure under excess pressure.

5. Bore

Full bore or reduced bore. Full bore design provides exceptional flow control.

6. AS

Anti static. A metallic contact is always granted between ball and stem/body to discharge eventual statics build-up during service.

7. End Connections

A choice of flange, RTJ flanged or butt welding end for piping flexibility.

8. FD

Fire durable. Design to API 607 or BS 6755 to grant their operation suitability in case of fire. Second metal-to-metal seal acts as backup if primary seal is destroyed by fire. Valves ordered for compliance with API 607 will be provided with graphite packing and gaskets.

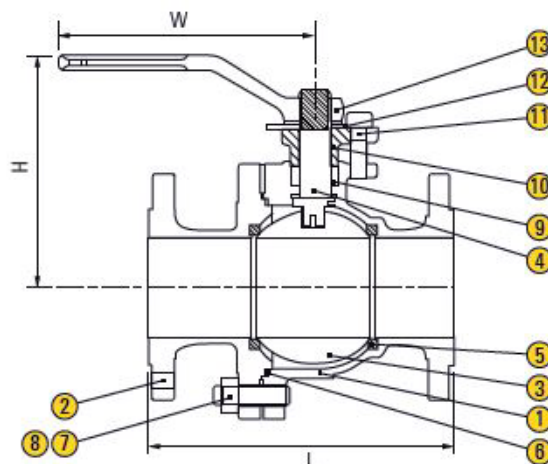
BALL VALVE API 6D (FLOATING)

FIRE SAFE & ANTI-STATIC

CAST STEEL / STAINLESS STEEL



Tel: 03-5569 2933 (6 Lines) Fax: 03-5569 2588, 5569 2788
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http://www.mercroid.com.my



APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Steel Ball Valves	API 608 / API 6D
Steel Ball Valves	ISO 14313
Fire Durable	API 607
Anti Static	API 608
Steel Valves	ASME B16.43
Face to Face	ASME B16.10
End Flanges	ASME B16.25
Inspection and Test	API 598 / API 6D

MATERIAL

Parts	ASTM Specification		
	Carbon Steel	Stainless Steel	Low Temperature Service
1 Body	A216-WCB	A351-CF8M	A352-LCB
2 Bonnet	A216-WCB	A351-CF8M	A352-LCB
3 Ball	A182-F304*1	A182-F316	A182-F304*1
4 Stem	A276-304	A276-316	A276-304
5 Seat Ring	R.PTFE		
6 Bonnet Gasket	Graphite+304*1	PTFE	Graphite+304*1
7 Bonnet Stud	A193-B7	A193-B8	A320-L7
8 Bonnet Stud Nut	A194-2H	A194-8	A194-4
9 Packing	PTFE		
10 Gland Flange	A216-WCB	A351-CF8M	A352-LCB
11 Gland Bolt	A193-B7	A193-B8	A193-B7
12 Stop Plate	Carbon Steel	Carbon Steel+Zn	Carbon Steel
13 Handle	Carbon Steel		

*Note : (1) A 105+ENP optional, (2) Spiral wound construction

CLASS 150 - 300 - 600

Unit : mm

Class	Size (mm)	15	20	25	40	50	65	80	100	150	200	250	300
150	L (RF)	108	117	127	165	178	190	203	229	394	457	533	610
	L1 (BW)	140	152	165	190	216	241	283	305	457	521	559	635
	H	55	55	70	90	105	155	185	205	255	280	345	420
	W	130	130	160	200	350	400	500	500	600	800	800	800
	Weight (Kg)	1.8	2.8	3.7	6.2	8.5	14	21	35	98	170	225	295
300	L (RF)	140	152	165	190	216	241	283	305	403	502	568	648
	L1 (BW)	140	152	165	190	216	241	283	305	457	521	559	635
	H	55	55	70	90	105	153	187	206	255	280	345	420
	W	130	130	160	200	350	400	500	500	600	800	800	800
	Weight (Kg)	1.8	2	3.2	5.5	8.7	15	18	36	85	152	182	232
600	L (RF)	165	190	216	241	292	330	356	432	559	-	-	-
	L1 (BW)	-	-	-	-	295	333	359	435	562	-	-	-
	H	61.5	61.5	78	101	120	174	212	234	289	-	-	-
	W	130	160	200	350	400	500	600	600	800	-	-	-
	Weight (Kg)	2.6	3.1	4.8	8	13	22	27	53	120	-	-	-

*Specification given are subject to changed without further notice.