

SPLIT BODY FLANGE END BALL VALVE

Model : Series T2

Design feature:

- With Mounting Pad, re-Drilled Metric Thread for easy automation.
- Thrust washer prevents galling, reduces torque and provides secondary stem seal.
- Long cycle life, Low uniform torques.
- Designed to be fire-safe to minimize both external and internal fluid leakage after plant fires.
- Adjustable stem packing gland Flange.
- Double D Stem Head Design Provides Mounting Of The Lever.
- Bottom Entry Blow-Out Proof Stem & Antistatic Device design Provides Maximum Safety.
- Wide range of seat & seal materials is available.
- End Flanges : Raise Face(RF); Ring Type Joint(RTJ)
- DIN 50049-3.1 Certificate Available.

Specifications:

- Construction: Side Entry Bolted body Floating Ball Design.
- Flow bore: full port.
- Rating: ANSI Class 150/ 300/ 600;
150 PSI Saturated Steam.
- Temperature: -20°F ~ 400°F (PTFE/ R.PTFE)
- Materials: ASTM CF8M, CF8, WCB
- Size range: 1/2"~10".

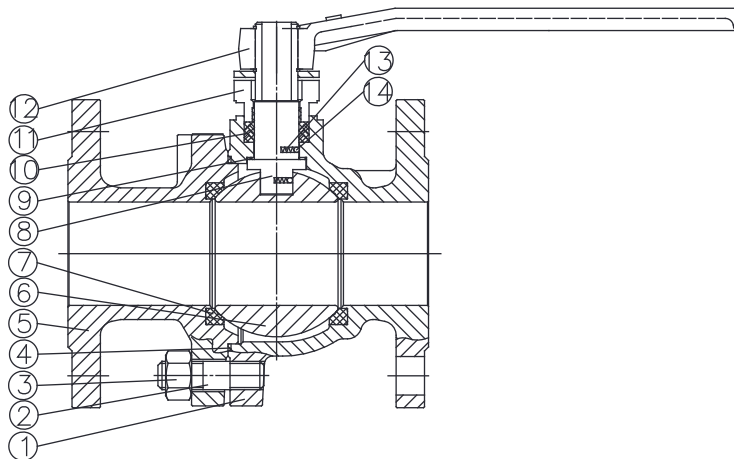
Standard:

- Basic Design to ANSI B16.34; API 608
- Flange Dimension to ANSI B16.5
- Face-to-face meets to ANSI B16.10
- Inspection & testing according to API 598.
- PED 97/23/EC; ISO 9001

Materials List:

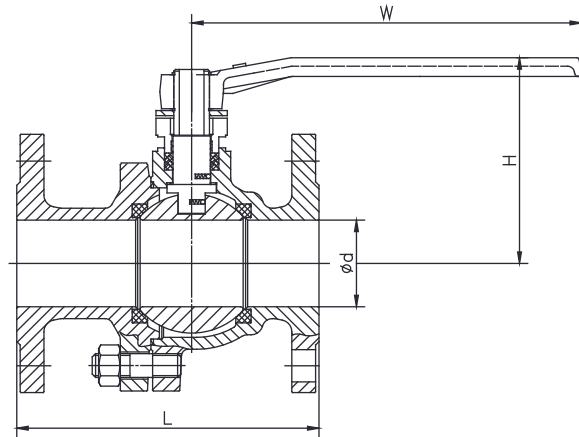
NO	PARTS NAME	MATERIALS
1	BODY	ASTM A216-WCB
2	CAP BOLT	ASTM A193 B7
3	CAP NUT	ASTM A194 2H
4	GASKET	GRAPHITE
5	CAP	ASTM A216-WCB
6	BALL	ASTM A351-CF8
7	SEAT	PTFE
8	STEM	ASTM A182-F6a
9	STEM GASKET	PTFE
10	STEM PAKCING	GRAPHITE
11	GLAND FLANGE	ASTM A216-WCB
12	HANDLE	CARBON STEEL
13	SMALL BALL	STAINLESS STEEL
14	SMALL SPRING	STANLESS STEEL

*Other materials are available upon request



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Dimensions Class 150 (mm)

INCH	DN	L		d	W		H		Weight KG	
		RF	RF		LEVER	GEAR	LEVER	GEAR	LEVER	GEAR
1/2	15	108	119	14	140	-	85	-	3	-
3/4	20	117	130	19	140	-	90	-	4	-
1	25	127	140	25	150	-	99	-	5	-
1-1/4	32	140	153	32	180	-	105	-	7	-
1-1/2	40	165	178	38	200	-	126	-	8	-
2	50	178	191	51	250	-	140	-	12	-
2-1/2	65	190	203	64	300	-	165	-	18	-
3	80	203	216	76	350	-	178	-	24	-
4	100	229	242	102	500	305	230	380	38	53
5	125	356	369	127	800	305	280	405	60	79
6	150	394	407	152	800	305	310	460	82	102
8	200	457	470	203	1000	305	350	550	145	185
10	250	533	546	254	-	400	-	706	-	280

Dimensions Class 300 (mm)

INCH	DN	L		d	W		H		Weight KG	
		RF	RF		LEVER	GEAR	LEVER	GEAR	LEVER	GEAR
1/2	15	140	151	14	140	-	85	-	3	-
3/4	20	152	165	19	140	-	90	-	5	-
1	25	165	178	25	150	-	99	-	6	-
1-1/4	32	178	191	32	180	-	105	-	8	-
1-1/2	40	190	203	38	200	-	126	-	11	-
2	50	216	232	51	250	-	142	-	16	-
2-1/2	65	241	257	64	300	-	165	-	24	-
3	80	283	299	76	350	-	178	330	34	52
4	100	305	321	102	500	305	230	380	56	76
5	125	381	397	127	800	305	280	420	86	124
6	150	403	419	152	800	305	310	480	125	163
8	200	502	518	203	1000	305	350	560	222	267

Dimensions Class 600 (mm)

INCH	DN	L		d	W		H		Weight KG	
		RF	RF		LEVER	GEAR	LEVER	GEAR	LEVER	GEAR
1/2	15	165	164	14	140	-	79	-	5	-
3/4	20	190	190	19	140	-	83	-	7	-
1	25	216	216	25	200	-	114	-	9	-
1-1/4	32	229	229	32	200	-	120	-	13	-
1-1/2	40	241	241	38	250	-	125	-	17	-
2	50	292	295	51	300	-	156	-	25	-
2-1/2	65	330	333	64	350	-	172	-	42	-
3	80	356	359	76	500	305	220	370	56	76
4	100	432	435	102	650	305	250	400	85	123