



## Turnnion Mount Pipe Line

### Ball valve

**Model: CD-T608BV**

Rating: Class 150~600

#### Design feature:

- With ISO 5211 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.
- The double block and bleed feature, both with the ball in the fully closed or fully open position, is a standard feature.
- Primary soft seat, Secondary metal-to-metal seat Fire-safe seat design.
- With Independent Stem & Ball and Independent Floating Seats.
- Self-Relief in the body Cavity.
- Blow-Out Proof Stem & Antistatic Device design Provides Maximum Safety.
- Emergency Sealant Injection on Stem & Seats is available.
- Wide range of seat & seal materials is available.
- DIN EN10204-3.1 Certificate Available.

#### Specifications:

- Construction: bolted body side entry, trunnion 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 A216 WCB
- Size range: 2"~24".

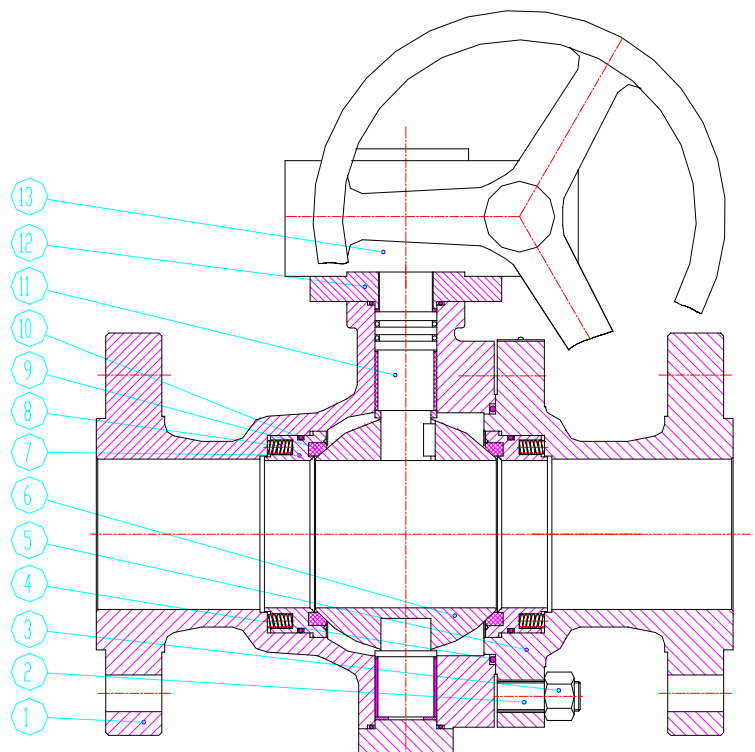
#### Standard:

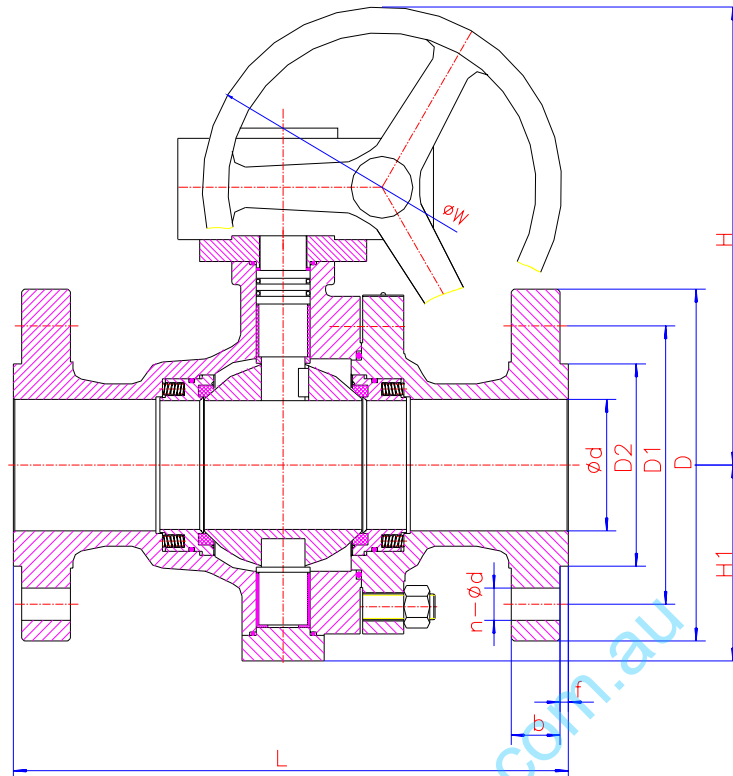
- Basic Design to ANSI B16.34, API 608
- Flange Dimension to ANSI B16.5
- Face-to-face meets to ANSI B16.10
- Inspection & testing according to API 598.
- PED 97/23/EC; ISO 9001

#### MATERIALS LIST:

NO	PARTS NAME	MATERIALS
1	BODY	ASTM A216-WCB
2	CAP BOLT	ASTM193-B7
3	CAP NUT	ASTM A194-2H
4	GASKET	VITON A
5	CAP	ASTM A216-WCB
6	BALL	ASTM182-F304
7	SEAT RETAINER	ASTM182-F304
8	SEAT	R-PTFE
9	SPRING	ASTM182-F304
10	O-RING	VITON A
11	STEM	ASTM182-F304
12	COMPRESSION	ASTM A105
13	GEAR OPERATOR	

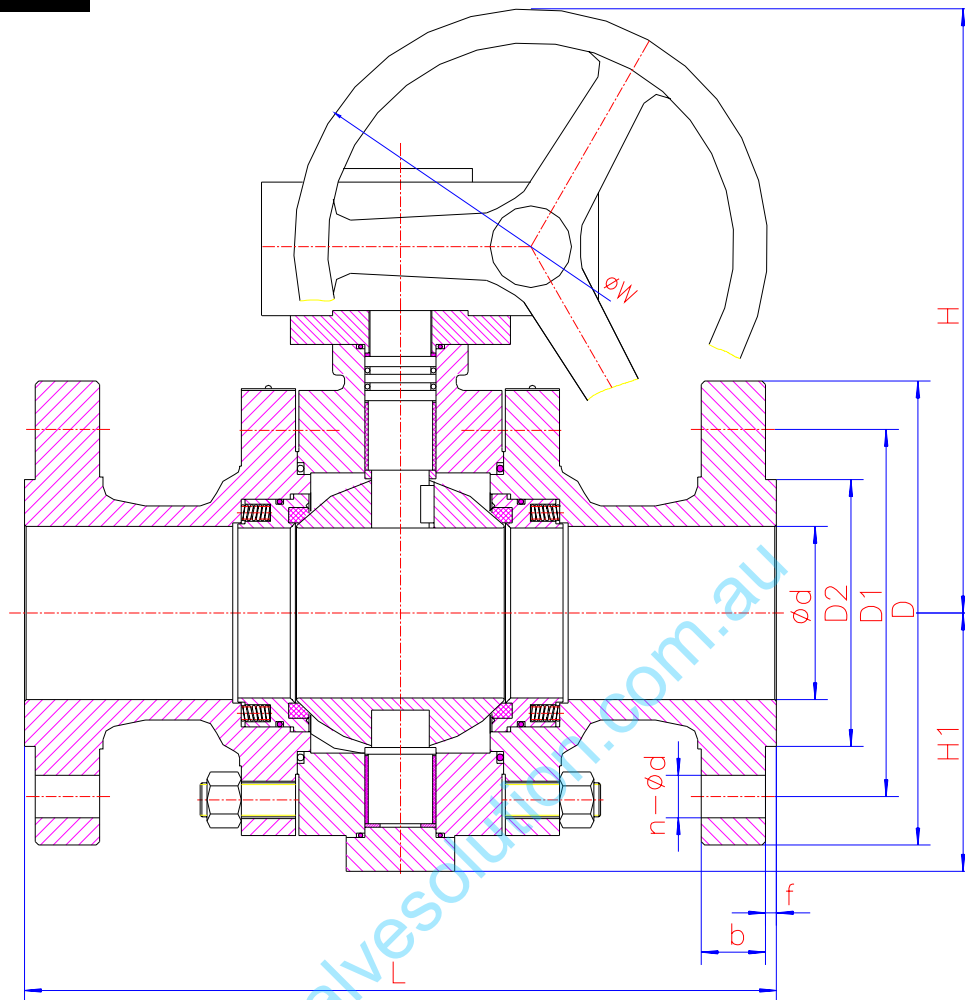
Other materials upon request.





### Dimensions List

ANSI Class 150													
DN	NPS	L	d	D	D1	D2	b	f	n-d	H	H1	W	WT(KG)
100	4"	229	102	229	190.5	157	24	1.6	8-19	330	135	300	60
125	5"	356	127	254	216	186	24	1.6	8-22	360	165	300	80
150	6"	394	152	279	241.5	216	25.5	1.6	8-22	392	193	300	101
200	8"	457	203	343	298.5	270	29	1.6	8-22	492	240	300	166
250	10"	533	254	406	362	324	31	1.6	12-25	548	293	300	283
300	12"	610	305	483	432	381	32	1.6	12-25	688	340	400	463
350	14"	686	337	533	476	413	35	1.6	12-29	722	372	400	622
ANSI Class 300													
DN	NPS	L	d	D	D1	D2	b	f	n-d	H	H1	W	WT(KG)
100	4"	305	102	254	200	157	32	1.6	8-22	340	140	300	70
125	5"	381	127	279	235	186	35	1.6	8-22	370	170	300	95
150	6"	403	152	318	270	216	37	1.6	12-22	402	192	300	128
200	8"	502	203	381	330	270	41.5	1.6	12-25	498	246	300	234
250	10"	568	254	445	387.5	324	48	1.6	16-29	655	303	400	403
300	12"	648	305	521	451	381	51	1.6	16-32	658	348	400	602
350	14"	762	337	584	514.5	413	54	1.6	20-32	686	378	400	803
ANSI Class 600													
DN	NPS	L	d	D	D1	D2	b	f	n-d	H	H1	W	WT(KG)
50	2"	292	51	165	127	92	26	6.4	8-19	240	94	300	32
65	2-1/2"	330	64	190	149	105	29	6.4	8-22	290	115	300	47
80	3"	356	76	210	168	127	32	6.4	8-22	340	136	300	68
100	4"	432	102	273	216	157	38	6.4	8-25	358	152	300	106
125	5"	508	127	330	266.5	186	45	6.4	8-29	400	180	300	170
150	6"	559	152	356	292	216	48	6.4	12-29	445	209	400	241
200	8"	660	203	419	349	270	56	6.4	12-32	498	263	400	444
250	10"	787	254	508	432	324	64	6.4	16-35	653	312	400	668
300	12"	838	305	559	489	381	67	6.4	20-35	665	354	500	1050



### Dimensions List

ANSI Class 150													
DN	NPS	L	d	D	D1	D2	b	f	n-d	H	H1	W	WT(KG)
400	16"	762	387	597	540	470	37	1.6	16-29	722	415	400	900
450	18"	864	438	635	578	533	40	1.6	16-32	804	462	500	1150
500	20"	914	489	699	635	584	43	1.6	20-32	952	511	600	1360
600	24"	1067	591	813	749.5	692	48	1.6	20-35	1154	601	750	2541
ANSI Class 300													
DN	NPS	L	d	D	D1	D2	b	f	n-d	H	H1	W	WT(KG)
400	16"	838	387	648	571.5	470	58	1.6	20-35	880	429	600	1273
ANSI Class 600													
DN	NPS	L	d	D	D1	D2	b	f	n-d	H	H1	W	WT(KG)
350	14"	889	334	603	527	413	70	6.4	20-38	738	389	600	1317