

Carbon Steel Ball Valve - Flanged ANSI 150 - ISO Top

1/2" to 4"  

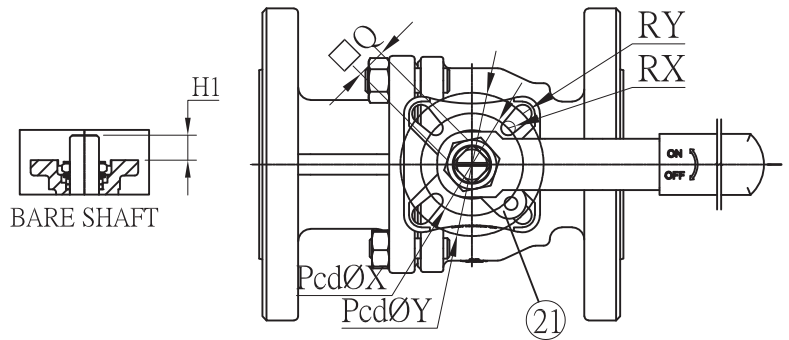
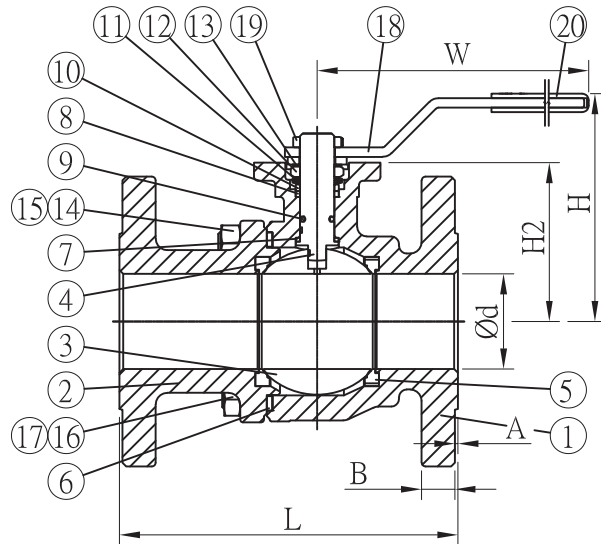
LV 8637



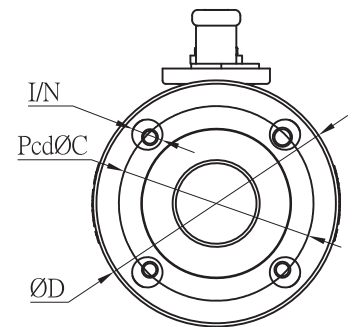
ISO 5211 for Direct Mount, Flanged ANSI 150, Full Bore, WCB Carbon Steel Body, Stainless Steel Ball & Stem, TFM 1600 Seats, Anti-blowout Stem, Anti-static Device, Firesafe Certified up to 4", Firesafe Design 6"

Pressure/Temperature Specifications	
Pressure	ANSI 150
Temperature	-10°C to 200°C

Material Specifications (1/2" to 2")	
1. Body	WCB Carbon Steel
2. End Cap	WCB Carbon Steel
3. Ball	CF8M Stainless Steel
4. Stem	316 Stainless Steel
5. Seat	TFM 1600
6. Body Seal	Graphite
7. Thrust Washer	TFM 1600
8. Stem Seal	Graphite
9. O-ring	Viton
10. Gland Ring	304 Stainless Steel
11. Disc Spring	301 Stainless Steel
12. Stem Nut	304 Stainless Steel
13. Lock Washer	304 Stainless Steel
14. Bolt	304 Stainless Steel
15. Nut	304 Stainless Steel
16. Bolt	304 Stainless Steel
17. Nut	304 Stainless Steel
18. Handle	304 Stainless Steel
19. Handle Nut	304 Stainless Steel
20. Sleeve	Plastic
21. Stopper	304 Stainless Steel



Dimensions (1/2" to 2")									
Size	Ød	A	B	L	W	H	H1	H2	Kg
1/2"	15	1.6	9.6	108	165	90	10.5	46.5	2.15
3/4"	20	1.6	11.2	117	165	96	7.5	53.5	2.19
1"	25	1.6	12.7	127	165	97	10.5	57.5	3.86
1 1/2"	40	1.6	15.9	165	205	111	15.5	76.5	6.3
2"	50	1.6	17.5	178	205	118	15.5	83.5	9.46



Dimensions (1/2" to 2")					
Size	ØX	ØY	RX	RY	Q
1/2"	42	-	Ø6	-	9.0
3/4"	42	50	R3.0	R3.5	9.0
1"	42	50	R3.0	R3.5	11.0
1 1/2"	50	70	R3.5	R4.5	14.0
2"	50	70	R3.5	R4.5	14.0

Dimensions (1/2" to 2")			
Size	ØC	ØD	I / N
1/2"	60.5	89	4 - 16
3/4"	70	98	4 - 16
1"	79.5	108	4 - 16
1 1/2"	98.5	127	4 - 16
2"	120.5	152.4	4 - 19

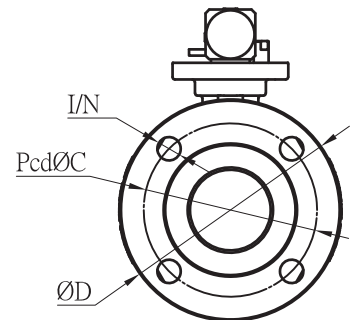
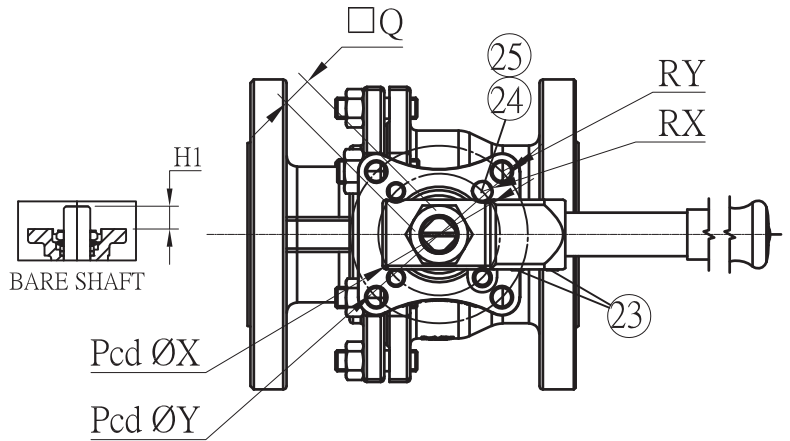
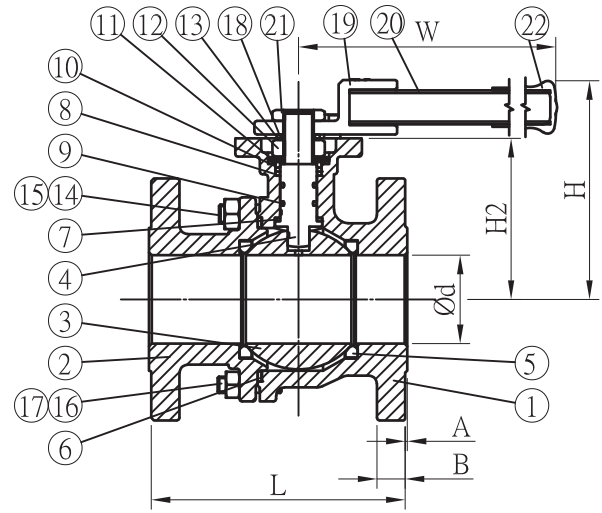
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Material Specifications (2 1/2" to 6")

1. Body	WCB Carbon Steel
2. End Cap	WCB Carbon Steel
3. Ball	CF8M Stainless Steel
4. Stem	316 Stainless Steel
5. Seat	TFM 1600
6. Body Seal	Graphite
7. Thrust Washer	TFM 1600
8. Stem Seal	Graphite
9. O-ring	Viton
10. Gland Ring	304 Stainless Steel
11. Disc Spring	301 Stainless Steel
12. Stem Nut	304 Stainless Steel
13. Lock Washer	304 Stainless Steel
14. Bolt	304 Stainless Steel
15. Nut	304 Stainless Steel
16. Bolt	304 Stainless Steel
17. Nut	304 Stainless Steel
18. Spacer	304 Stainless Steel
19. Adaptor	CF8 Stainless Steel
20. Handle Bar	304 Stainless Steel
21. Handle Nut	304 Stainless Steel
22. Sleeve	Plastic
23. Set Screw	304 Stainless Steel
24. Stop Pin	304 Stainless Steel
25. Nut for Stop Pin	304 Stainless Steel



Dimensions (2 1/2" to 6")

Size	Ød	A	B	L	W	H	H1	H2	Kg
2 1/2"	65	1.6	20.8	190	280	152	18.5	118.5	14.9
3"	80	1.6	22.3	203	280	163	18.5	129.5	17.9
4"	100	1.6	22.3	229	380	178	18.5	145.0	28.3
6"	150	1.6	23.9	394	610	219	30.0	175.0	64.0

Dimensions (2 1/2" to 6")

Size	ØX	ØY	RX	RY	Q
2 1/2"	70	102	M10	Ø11	17.0
3"	70	102	M10	Ø11	17.0
4"	70	102	M10	Ø11	17.0
6"	102	125	R6.0	R7.0	27.0

Dimensions (2 1/2" to 6")

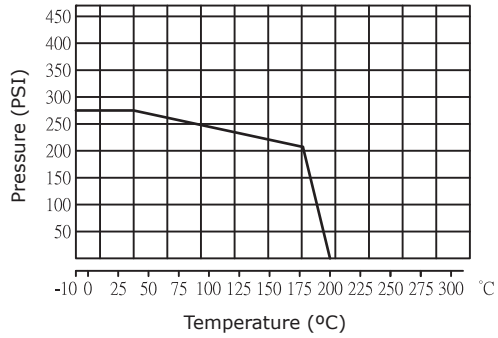
Size	ØC	ØD	I / N
2 1/2"	139.5	178.0	4 - 19
3"	152.5	190.5	4 - 19
4"	190.5	229.0	8 - 19
6"	241.3	280.0	8 - 22.5

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Pressure / Temperature Chart



Torque (Nm, without Safety)

Size	Nm
1/2"	7.5
3/4"	12.5
1"	16.0
1 1/2"	31.0
2"	38.0
2 1/2"	56.0
3"	88.0
4"	125.0
6"	250.0

Last updated 07/08/2025