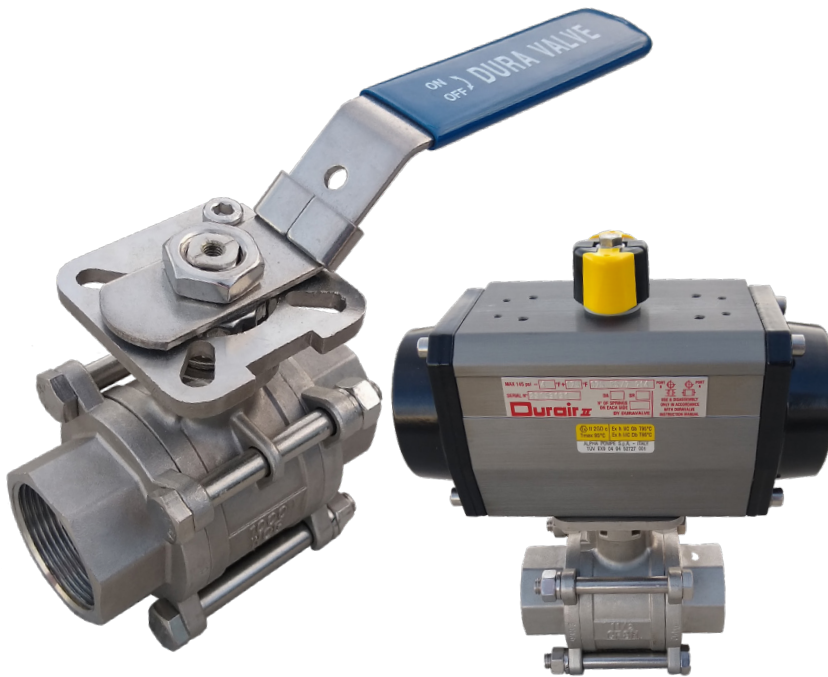


DURAVALVE MODEL DM350 BALL VALVE

3-PIECE FULL PORT STAINLESS STEEL



VALVE FEATURES

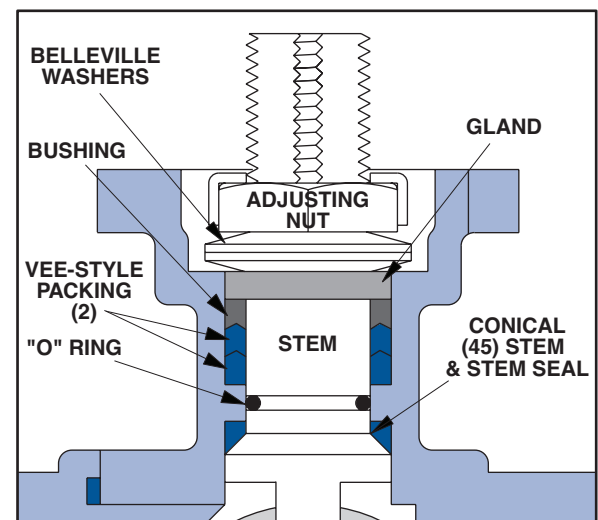
- 3-Piece Body, Full Port Design
- 1/2" to 3" Sizes
- 1000PSI
- Threaded Ends
- Body: CF8M, 316SS
- 316 Stainless Steel Ball and Stem
- PTFE Seats
- PED97/23/PE (CE0035) Approved
- Inspection Testing: API598
- Pressure Rating:
 - 1/2 – 1-1/2" 1000 PSI
 - 2" 800 PSI
 - 2-1/2" – 3" 600 PSI
- Temperature Range: -20°F – 400°F

DESIGN ADVANTAGES

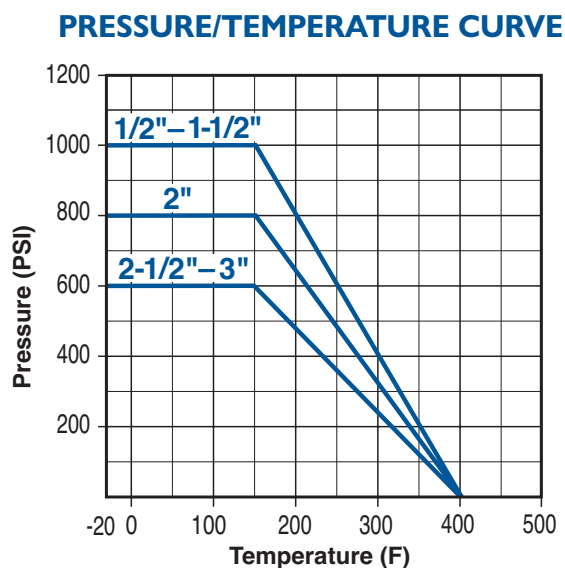
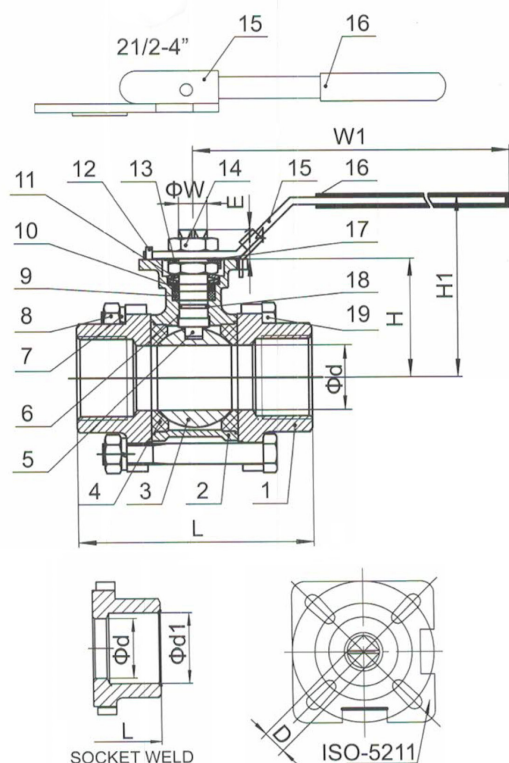
- ISO 5211 Direct Mounting Pad – provides for precise shaft alignment and eliminates the need for brackets and couplings
- 3-Piece Investment Cast Body Construction
- Improved Seat Material – extends cycle life and reduces torque
- Blowout Proof Stem
- Anti-Static Device (option)
- Locking Device for valves with handle
- Adjustable “Live Loaded” Stem Seal

STEM SEAL DESIGN

DuraValve's triple stem seal design provides for an extended valve cycle life. The primary seal is a tapered seal ring that fits firmly on a tapered portion of the stem shoulder. The secondary (back-up) seal is provided by an O-ring and a set of Vee packing rings, energized by belleville washers. This design adjusts packing compression to compensate for wear, pressure or temperature fluctuations.



DURAVALVE MODEL DM350 BALL VALVE



MATERIALS OF CONSTRUCTION

Item	Description	Qty.	Material	Item	Description	Qty.	Material
1	BODY	1	CF8M SS	11	BELLEVILLE WASHER	2	304 SS
2	CAP	2	CF8M SS	12	LOCK WASHER	1	304 SS
3	BALL	1	CF8M SS	13	STOP PIN	1	304 SS
4	BALL SEAT	2	PTFE	14	HANDLE NUT	2	304 SS
5	STEM	1	316 SS	15	HANDLE	1	304 SS
6	THRUST WASHER	1	PTFE	16	HANDLE SLEEVE	1	PVC
7	SPRING WASHER	4	304 SS	17	WASHER	1	CF8M SS
8	BOLT NUT	4	304 SS	18	O-RING	1	VITON
9	STEM PACKING	1	PTFE	19	BOLT	4	304 SS
10	RING	1	304 SS				

DIMENSIONS IN INCHES

Valve Size	Dia. d	Dia. d1	L	H	D	E	W	ISO 5211	W1	H1	Torque
1/2	0.59	0.86	2.96	1.50	0.35	0.35	0.47	F03/F04	5.63	2.56	50
3/4	0.79	1.07	3.15	1.85	0.35	0.35	0.47	F03/F04	5.63	2.99	70
1	0.98	1.34	3.54	2.36	0.43	0.43	0.55	F04/F05	6.30	3.74	100
1-1/4	1.26	1.68	4.33	2.47	0.43	0.43	0.55	F04/F05	6.30	3.74	220
1-1/2	1.50	1.92	4.72	3.11	0.55	0.55	0.70	F05/F07	7.36	4.52	390
2	1.97	2.40	5.51	3.46	0.55	0.55	0.70	F05/F07	7.36	4.88	480
2-1/2	2.52	2.91	7.28	4.29	0.67	0.67	0.87	F07/F10	13.78	5.51	1050
3	2.99	3.54	8.07	4.57	0.67	0.67	0.87	F07/F10	13.78	5.90	1500



847-437-7000 • 800-776-1260 • FAX 847-437-7005 • www.duravalve.com

DM3501-24