



87A-500 Series

Alloy 20 ANSI Class 150 Flanged Full Port Ball Valve - 1/2" through 1"

STANDARDS COMPLIANCE

Refer to page D-A

STANDARD FEATURES

Refer to page D-A

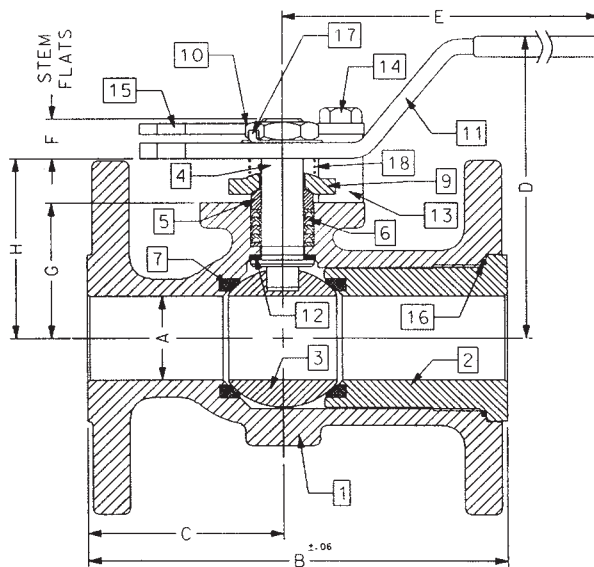
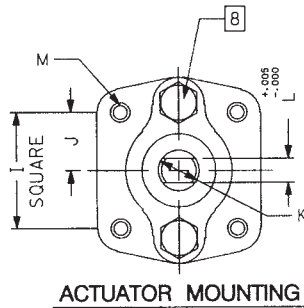
MATERIALS OF CONSTRUCTION

Description	Material
1. Body	ASTM A351 CN7M
2. Retainer	ASTM B473 (UNS N08020)
3. Ball	ASTM B473 (UNS N08020)
4. Stem	ASTM B473 (UNS N08020)
5. Packing Gland	ASTM A276 Type 316
6. Stem Seals	PTFE
7. Seats	RPTFE
8. Gland Screws	ASTM A193 B8 Class 1
9. Gland Plate	302 or 304 SS
10. Stem Nut	316 SS
11. Lever	302 or 304 SS with Vinyl Grip
12. Stem Bearing	RPTFE
13. Stop	ASTM A276 Type 316
14. Stop Screw	18-8 SS
15. Lock Plate	302 or 304 SS
16. Body Seal	RPTFE
17. Lockwasher	302 or 304 SS
18. Grounding Spring	SS

OPTIONS AVAILABLE:

(SUFFIX)	OPTION
-01-	Standard (Locking and Grounded)
-14-	Side Vented Ball (Uni-Directional)
-15-	Wheel Handle, Steel
-21-	UHMWPE Seats
-24-	Fire Safe (Graphite Packing and Seal)
-35-	PTFE Seats and Seals
-38-	PEEK Seats and Graphite Packing
-49-	Assembled Dry
-57-	Oxygen Cleaned
-65-	MPTFE Seats and Graphite Packing
-69-	Drilled and Tapped Purge Port with Plug
-70-	4" Extended Bonnet
-80-	Multi-Seal (Super TFE) 87A/88A Series

For Pressure/Temperature Ratings, Refer to Page M-14, Graph No. 18



NUMBER	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	WT.
87A-503-01	1/2"	0.500	4.25	2.06	3.31	5.11	0.30	1.09	1.41	1.000	0.500	0.375	0.245	10-24	5.0
87A-504-01	3/4"	0.750	4.62	2.18	3.89	5.53	0.36	1.65	1.99	1.392	0.696	0.500	0.287	1/4-20	6.0
87A-505-01	1"	1.00	5.00	2.32	4.62	6.53	0.47	1.62	2.15	1.392	0.696	0.500	0.287	1/4-20	7.0