

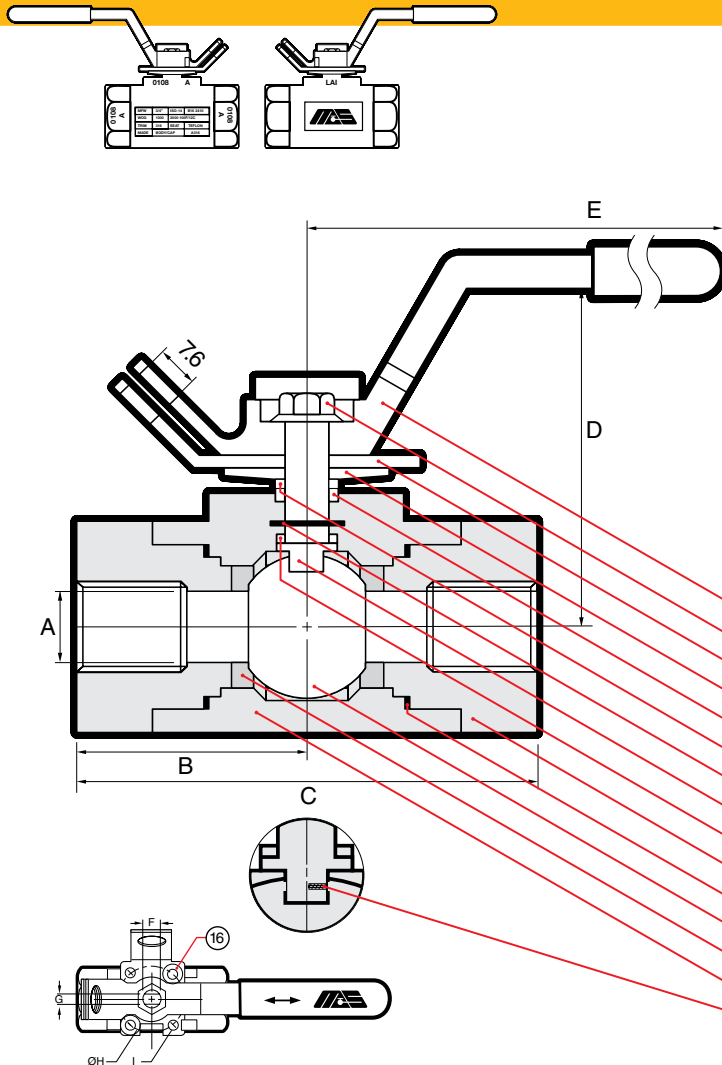
HM Series Forged Steel 3000 PSI Ball Valves

HM-3AFT/LFT

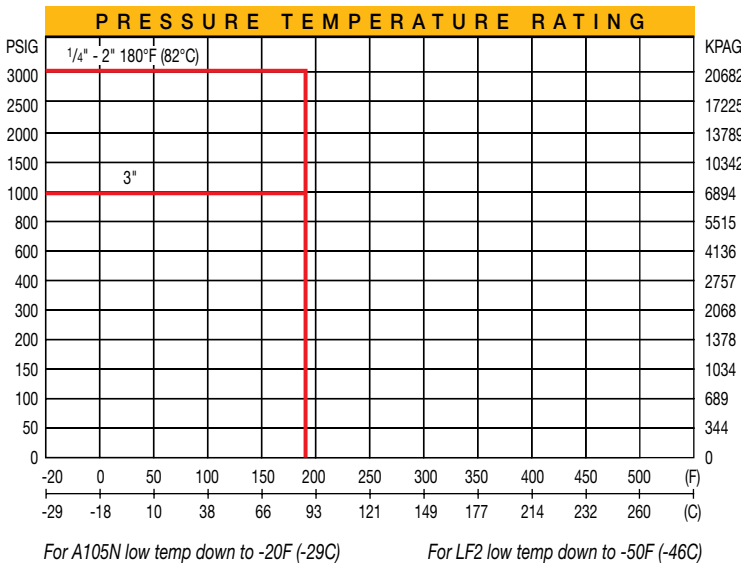
Full Port / Floating Ball
Three Piece Threaded Body
LF2 & A105N Forged Steel Construction
NPT Threads to ANSI B1.20.1
Blowout Proof Stem
Anti-Static Design
Positive Lock-Out Device
**Fire-Safe Certified to
API-607 5th Edition**
NACE MR0175-2000 Compliant
3000 P.S.I. W.O.G. (1500 Class) 1/4"-2"
**1000 P.S.I. W.O.G. (600 Class)
3" HM-2AFT/LFT**



1.3



NAME / MATERIAL	
AFT	LFT
1. Handle / Ductile Iron	
2. Handle Nut / A36 C.S. Plated	
3. Gland Flange / A36 C.S. Plated	
4. Belleville Washer / S.S. 301	
5. Packing / Graphite	
6. Gland / A276 Type 304	
7. Stem O-ring / HNBR	
8. Stem / A276 Type 316	
9. Thrust Washer / Delrin	
10. Cap / A105N	A350 GR. LF2
11. Body O-ring / Viton	
12. Ball / A351 GR. CF8M	
13. Seat / Delrin	
14. Body / A105N	A350 GR. LF2
15. Spring and Pin / A276 Type 304	
16. Cap Screw / A36 C.S. Plated	



D I M E N S I O N S

size	8	15	15	20	25	40	50	80
mm/in	1/4	3/8	1/2	3/4	1	1 1/2	2	3
A	12.7	12.7	12.7	22.2	24.0	38.1	50.0	76.0
mm/in	0.50	0.50	0.50	0.87	0.94	1.50	1.96	2.99
B	49.0	49.0	49.0	54.0	66.5	79.5	79.5	123.0
mm/in	1.93	1.93	1.93	2.13	2.62	3.13	3.13	4.84
C	98.0	98.0	98.0	108.0	133.0	159.0	159.0	246.0
mm/in	3.86	3.86	3.86	4.25	5.24	6.26	6.26	9.69
D	83.0	83.0	83.0	112.0	116.0	143.0	177.0	210.0
mm/in	3.27	3.27	3.27	4.41	4.57	5.63	6.97	8.27
E	122.0	122.0	122.0	172.0	172.0	279.0	302.0	607.0
mm/in	4.80	4.80	4.80	6.77	6.77	10.98	11.89	23.90
F	12.0	12.0	12.0	13.0	13.0	19.0	20.0	25.0
mm/in	0.47	0.47	0.47	0.51	0.51	0.75	0.79	0.98
G	8.0	8.0	8.0	8.0	8.0	12.0	14.0	17.0
mm/in	0.32	0.32	0.32	0.32	0.32	0.47	0.55	0.67
H	36	36	36	36	36	50	70	102.0
mm/in	1.417	1.417	1.417	1.417	1.417	1.968	2.756	4.016
I	M6	M6	M6	M6	M6	M8	M8	M8
ISO	F03	F03	F03	F03	F03	F05	F07	F10
CV	9	9	15	45	65	250	480	1300
Weights							9.60	
lb/kg							21.12	