

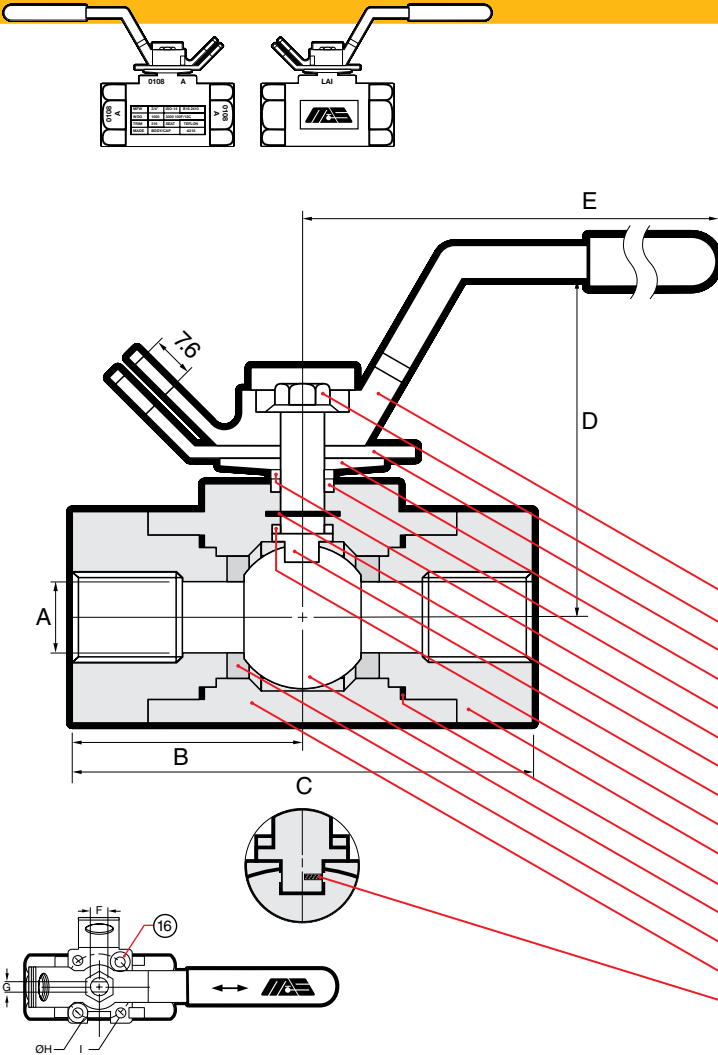
HM Series Forged Steel 6000 PSI Ball Valves

HM-6ART/LRT



- Reduced 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
- 6000 P.S.I W.O.G. (2500 Class Ltd) 3/4"-3"

1.4

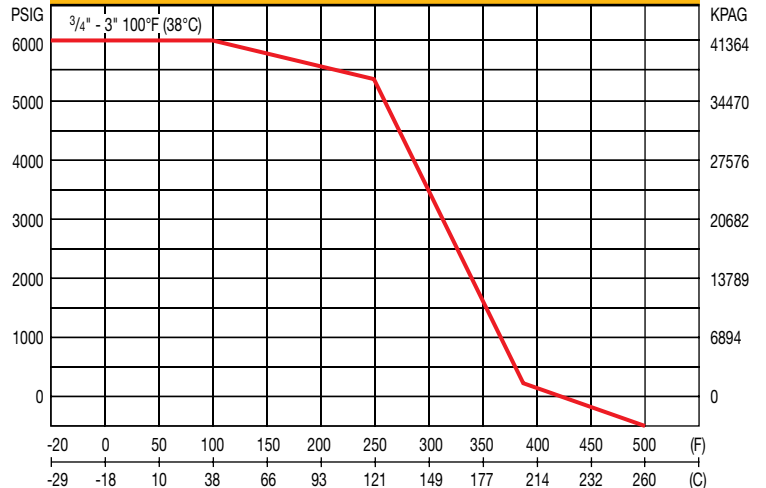


NAME / MATERIAL	
ART	LRT
1. Handle / Ductile Iron	
2. Handle Nut / A36 C.S. Plated	
3. Gland Flange / A36 C.S. Plated	
4. Belleville Washer / S.S. 301	
5. Packing / Graphite	
6. Gland / A276 Type 304	
7. Stem O-ring / HNBR	
8. Stem / A276 Type 316	
9. Thrust Washer / Peek	
10. Cap / A105N	A350 GR. LF2
11. Body O-ring / Viton	
12. Ball / A351 GR. CF8M	
13. Seat / Peek	
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
mm/in	3/4	1	1 1/4	1 1/2	2	3
A	12.7	22.2	22.0	32.0	38.1	50.0
mm/in	0.50	0.87	0.87	1.26	1.50	1.96
B	55.0	66.5	76.0	79.5	92.0	127.0
mm/in	2.19	2.62	2.99	3.13	3.62	5.00
C	111.0	133.0	152.0	159.0	184.0	254.0
mm/in	4.37	5.24	5.98	6.26	7.24	10.00
D	83.0	112.0	112.0	138.0	143.0	177.0
mm/in	3.27	4.41	4.41	5.43	5.63	6.97
E	122.0	172.0	172.0	279.0	279.0	302.0
mm/in	4.80	6.77	6.77	10.98	10.98	11.89
F	12.0	13.0	13.0	19.0	19.0	22.0
mm/in	0.47	0.51	0.51	0.75	0.75	0.79
G	8.0	8.0	8.0	12.0	12.0	14.0
mm/in	0.32	0.32	0.32	0.47	0.47	0.55
H	36	36	36	50	50	70
mm/in	1.417	1.417	1.417	1.968	1.968	2.756
I	M6	M6	M6	M8	M8	M8
ISO	F03	F03	F03	F05	F05	F07
CV	15	35	35	100	175	480
Weights						
lb/kg						

P R E S S U R E T E M P E R A T U R E R A T I N G



For A105N low temp down to -20F (-29C)

For LF2 low temp down to -50F (-46C)