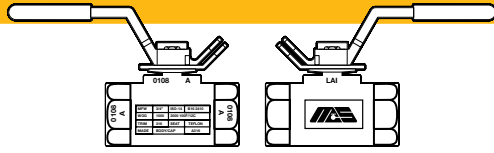




M. A. Stewart & Sons Ltd.
VALVES AND FITTINGS

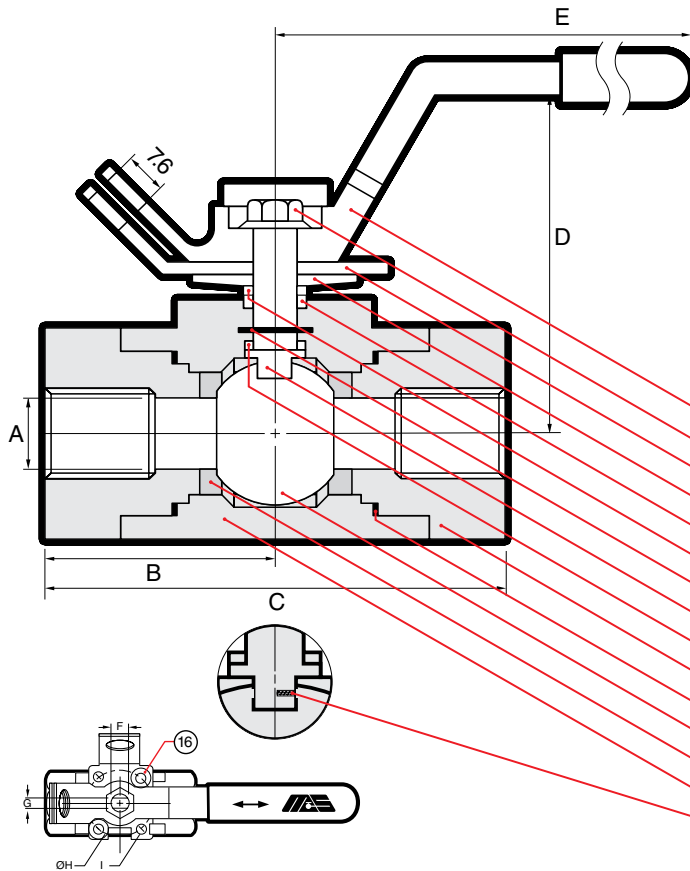
HM Series Forged Steel 6000 PSI Ball Valves

HM-6AFT/LFT

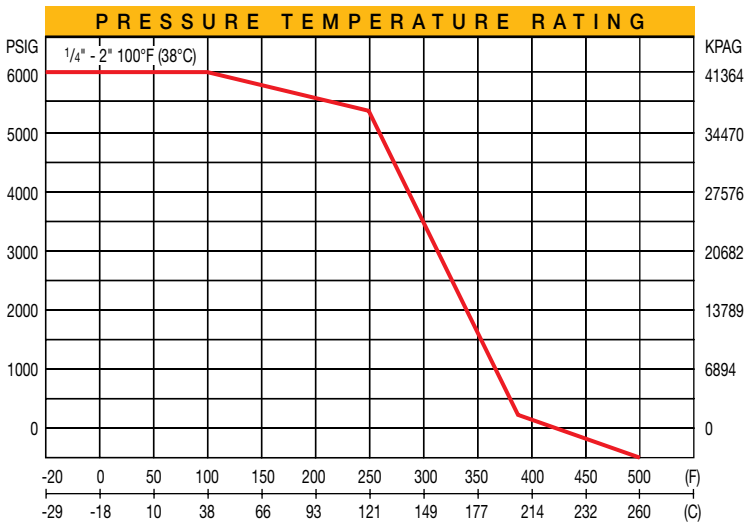


1.5

- 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
- 6000 P.S.I W.O.G. (2500 Class Ltd) 1/4"-2"



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 / 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	



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

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

DIMENSIONS							
size	8	15	15	20	25	40	50
mm/in	1/4	3/8	1/2	3/4	1	1 1/2	2
A	12.7	12.7	12.7	22.2	24.0	38.1	50.0
mm/in	0.50	0.50	0.50	0.87	0.94	1.50	1.96
B	49.0	49.0	55.5	54.0	66.5	79.5	79.5
mm/in	1.93	1.93	2.19	2.13	2.62	3.13	3.13
C	98.0	98.0	111.0	108.0	133.0	159.0	159.0
mm/in	3.86	3.86	4.37	4.25	5.24	6.26	6.26
D	83.0	83.0	83.0	112.0	116.0	143.0	177.0
mm/in	3.27	3.27	3.27	4.41	4.57	5.63	6.97
E	122.0	122.0	122.0	172.0	172.0	279.0	302.0
mm/in	4.80	4.80	4.80	6.77	6.77	10.98	11.89
F	12.0	12.0	12.0	13.0	13.0	19.0	20.0
mm/in	0.47	0.47	0.47	0.51	0.51	0.75	0.79
G	8.0	8.0	8.0	8.0	8.0	12.0	14.0
mm/in	0.32	0.32	0.32	0.32	0.32	0.47	0.55
H	36	36	36	36	36	50	50
mm/in	1.417	1.417	1.417	1.417	1.417	1.968	1.968
I	M6	M6	M6	M6	M6	M8	M8
ISO	F03	F03	F03	F03	F03	F05	F07
CV	9	9	15	45	65	250	480
Weights							
lb/kg							