

MTG Valves & Actuators



Screwed End Ball Valves

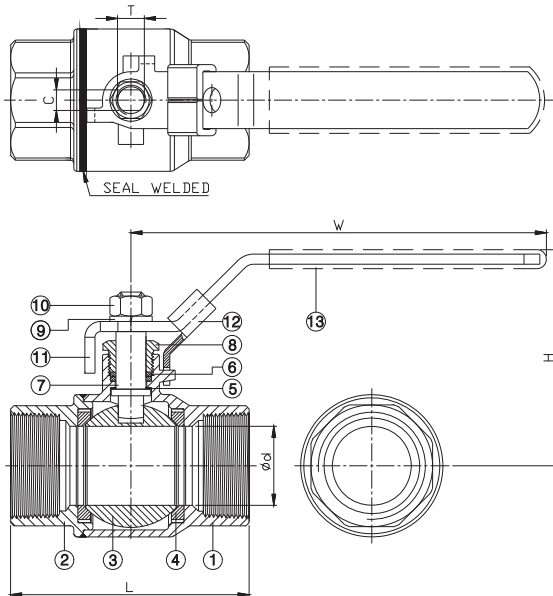
2006SW

1000 W.O.G./PN63 2-PIECE FULL PORT



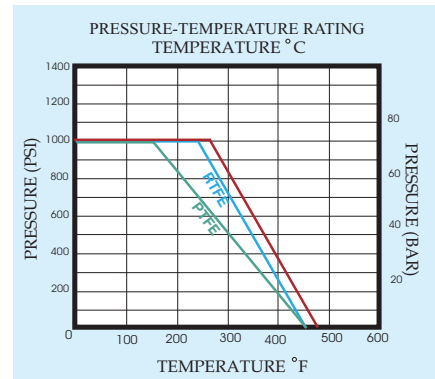
FEATURES

- Investment casting
- Blow-out proof stem
- Lock device handle
- Seal welded ends
- TA-Luft approved
- Thread type
ASME B1.20.1 (NPT)
DIN 2999 & BS21
ISO 228/1 & ISO 7/1



| ITEM | PARTS | MATERIAL |
|------|---------------|----------------|
| 1 | BODY | ASTM A351-CF8M |
| 2 | CAP | |
| 3 | BALL | RTFE |
| 4 | BALL SEAT | |
| 5 | THRUST WASHER | PTFE |
| 6 | PACKING | |
| 7 | STEM | ASTM A276-316 |
| 8 | GLAND RING | AISI304 |
| 9 | SPRING WASHER | |
| 10 | STEM NUT | |
| 11 | HANDLE | |
| 12 | LOCK DEVICE | PVC |
| 13 | HANDLE SLEEVE | |

| | DN | d | L | H | W | C | T | Weight(kg) | Torque (N-M) | |
|---------|--------|------|------|------|------|------------|-------------|------------|----------------|-----------|
| | | | | | | | | | Action | Breakaway |
| PN63 | 8 | 11.5 | 50 | 48 | 102 | 5 | 5/16"-18UNC | 0.16 | 2.9 | 3.7 |
| | 10 | 12.5 | 50 | 48 | 102 | 5 | 5/16"-18UNC | 0.18 | 3.1 | 4.2 |
| | 15 | 15 | 58 | 51 | 102 | 5 | 5/16"-18UNC | 0.22 | 3.5 | 4.5 |
| | 20 | 20 | 66 | 57 | 129 | 6.5 | 3/8"-16UNC | 0.34 | 6 | 9 |
| | 25 | 25 | 75.5 | 63 | 129 | 6.5 | 3/8"-16UNC | 0.5 | 6 | 12 |
| | 32 | 32 | 88.5 | 74 | 153 | 8 | 7/16"-14UNC | 0.9 | 7.5 | 18.5 |
| | 40 | 38 | 98.5 | 81 | 153 | 8 | 7/16"-14UNC | 1.07 | 16.5 | 27 |
| 50 | 50 | 120 | 94 | 190 | 9 | 1/2"-12UNC | 1.82 | 23 | 35 | |
| unit:mm | | | | | | | | | | |
| | NPS | d | L | H | W | C | T | Weight(lb) | Torque (in-lb) | |
| | | | | | | | | | Action | Breakaway |
| 1000WOG | 1/4" | 0.45 | 1.97 | 1.89 | 4.02 | 0.2 | 5/16"-18UNC | 0.35 | 25.67 | 32.75 |
| | 3/8" | 0.49 | 1.97 | 1.89 | 4.02 | 0.2 | 5/16"-18UNC | 0.4 | 27.44 | 37.17 |
| | 1/2" | 0.59 | 2.28 | 2.01 | 4.02 | 0.2 | 5/16"-18UNC | 0.49 | 30.98 | 39.83 |
| | 3/4" | 0.79 | 2.6 | 2.24 | 5.08 | 0.26 | 3/8"-16UNC | 0.75 | 53.10 | 79.66 |
| | 1" | 0.98 | 2.97 | 2.48 | 5.08 | 0.26 | 3/8"-16UNC | 1.1 | 53.10 | 106.21 |
| | 1-1/4" | 1.26 | 3.48 | 2.91 | 6.02 | 0.31 | 7/16"-14UNC | 1.98 | 66.38 | 163.74 |
| | 1-1/2" | 1.5 | 3.88 | 3.19 | 6.02 | 0.31 | 7/16"-14UNC | 2.36 | 146.04 | 238.97 |
| | 2" | 1.97 | 4.72 | 3.7 | 7.48 | 0.35 | 1/2"-12UNC | 4.01 | 203.57 | 309.77 |



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