STAINLESS STEEL BALL VALVE

Seal Weld/Fire Safe (API 607)
Two Piece Body with Mounting Pad • Regular Port
Blowout Proof Stem • NACE

CODE # 249-LOH (AKUTHWZM-FSO)
Locking Oval Handle (1/4”-1”)
ThREADED

CODE # 249 (AKUTHWZM-FS)
Locking Lever Handle (1 1/4”-2”)
ThREADED

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Locking Lever Handle (1 1/4”-2”)
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SPECIFICATION
Approved valve shall have two piece seal welded stainless steel body with mounting pad, blowout proof stem, PTFE seats/seals, graphite packing, stainless steel trim, and regular port design. Valves shall be pressure rated to 2000 WOG with locking oval handle (1/4”-1”) and 1500 WOG with locking lever handle (1 1/4”-2”) and fire safe certified to API 607.

KITZ Code No. 249-LOH (AKUTHWZM-O)
249 (AKUTHWZM)

NOTE: PRESSURE/TEMPERATURE CHART - PAGE BV-49

STANDARDS

End to End
KITUZ

End Connection
ANSI B1.20.1

Wall Thickness
BS 5351 Class 800 (1/4”-1”)

ASME B16.34 Class 600 (1 1/4”-2”)

Pressure/Temperature

(1/4”-1”)
- 240 PSI - Saturated Steam to 403°F
- 2000 PSI - Non-Shock Cold Water, Oil or Gas

(1 1/4”-2”)
- 220 PSI - Saturated Steam to 395°F
- 1500 PSI - Non-Shock Cold Water, Oil or Gas

NOTE: WITH PLASTIC COVERING
LEVER AND OVAL HANDLE OPTIONALLY AVAILABLE

DIMENSIONS - WEIGHTS - QUANTITIES

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<th>NAME OF PART</th>
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<tr>
<td>1</td>
<td>BODY</td>
<td>STAINLESS STEEL (A351 Gr. CF8M)</td>
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<td>2</td>
<td>BODY CAP</td>
<td>CAST STEEL (A351 Gr. CF8M)</td>
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<tr>
<td>3</td>
<td>STEM</td>
<td>STAINLESS STEEL (A276 TYPE 316)</td>
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<td>BALL</td>
<td>STAINLESS STEEL (A276 TYPE 316)</td>
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<td>GLAND</td>
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<td>9</td>
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<td>STAINLESS STEEL (A276 TYPE 304)</td>
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<td>HANDLE NUT</td>
<td>STAINLESS STEEL (A194 Gr. 8)</td>
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<td>WASHER (1/2”-2”)</td>
<td>STAINLESS STEEL (A276 Type 304)</td>
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<td>BALL SEATS</td>
<td>HYPATITE PTFE</td>
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<td>THRUST WASHER</td>
<td>G/F PTFE</td>
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<td>A</td>
<td>LATCH LOCK</td>
<td>STAINLESS STEEL (A276 Type 304)</td>
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NOTES: (1) WITH PLASTIC COVERING
LEVER AND OVAL HANDLE OPTIONALLY AVAILABLE

1/4-20 UNC (1 1/4”-2”)