



8 7 6 5 4 3 2 1

F

E

D

C

B

A

8 7 6 5 4 3 2 1

Ø 2.4
[62.0]

6.2 [57.3] OPEN
5.4 [138.3] CLOSED

Ø 2.24
[56.90]

Ø 1.63
[41.28]

[54.61]
2.15

[54.61]
2.15

2X NW-16

SPECIFICATIONS:
*PORT: NW-16
*MATERIALS:
BODY: 304 SST, ELECTROPOLISHED
BELLOWS: WELDED AM-350 SST
BONNET SEAL: VITON
POPPET SEAL: VITON
OTHER MATERIALS AVAILABLE
ACTUATION: SELF-LUBRICATING BRONZE NUTS
WITH ACME THREADS
DIFFERENTIAL PRESSURE: MAXIMUM 20 PSIA ACROSS VALVE SEAT
MAXIMUM TEMPERATURE VITON SEALS:
SUSTAINED: ≤150 °C [302 °F]
INTERMITTENT: ≤ 204 °C [399 °F]
VACUUM RANGE: VITON BONNET SEAL: ≥ 1x10⁻⁹ TORR HIGH VACUUM
OPTIONS: FITTINGS AND O-RINGS

NOTES:
1. ALL WELDS TO BE VAC. TIGHT TO 2x10⁻¹⁰ MIN. SENSITIVITY.
2. DIMENSIONS IN [X.XX] ARE IN mm.

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REPRODUCTION IN PART OR AS A WHOLE
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| DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± N/A ANGULAR: MACH ± BEND ± 5° ONE PLACE DECIMAL ± .1 TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005 SURFACE FINISH 63 R.M.S. | | FINISH: | | DO NOT SCALE DRAWING | | REVISION | |
|---|------|-----------|------|----------------------|------------|--|--|
| DESIGN/ENG. | NAME | SIGNATURE | DATE | USED ON | NEXT ASSY. | TITLE: | |
| CHK'D | | | | | GEN. USE | thermionics laboratory inc. Hayward Ca. 94545 | |
| APPV'D | | | | | | ANGLE VALVE, RIGHT ANGLE, MANUAL ACTUATION | |
| MFG | | | | | | DWG NO. A-750-H-NW16 | |
| Q.A. | | | | | | A3 | |
| MATERIAL: | | | | WEIGHT: | | SCALE: 1:2 | |
| | | | | | | SHEET 1 OF 1 | |