



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: $\leq 150^{\circ}\text{C}$ [302°F]

INTERMITTENT: $\leq 204^{\circ}\text{C}$ [399°F]

VACUUM RANGE: VITON BONNET SEAL: $\geq 1 \times 10^{-9}$ TORR HIGH VACUUM

OPTIONS: FITTINGS AND O-RINGS

NOTES:

1. ALL WELDS TO BE VAC. TIGHT TO 2×10^{-10} MIN. SENSITIVITY.

2. DIMENSIONS IN [X.XX] ARE IN mm.

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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL \pm N/A ANGULAR: MACH \pm BEND \pm .5° ONE PLACE DECIMAL \pm .1 TWO PLACE DECIMAL \pm .01 THREE PLACE DECIMAL \pm .005 SURFACE FINISH 63 R.M.S.		FINISH:			DO NOT SCALE DRAWING	REVISION																																		
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TITLE:					ANGLE VALVE, RIGHT ANGLE, MANUAL ACTUATION																																			
DWG NO.					A-750-H-NW16																																			
WEIGHT:					SCALE: 1:2																																			
SHEET 1 OF 1					A3																																			