



**SPECIFICATIONS:**

\*PORT: Ø 1.33" O.D. CF FLANGE

\*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<sup>-9</sup> TORR HIGH VACUUM

OPTIONS: FITTINGS AND O-RINGS

**NOTES:**

- ALL WELDS TO BE VAC. TIGHT TO 2x10<sup>-10</sup> MIN. SENSITIVITY.
- DIMENSIONS IN [X.XX] ARE IN mm.

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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.
CHK'D						TITLE: <b>ANGLE VALVE, RIGHT ANGLE, MANUAL ACTUATION</b>	
APPV'D						DWG NO.	A-500-H-133
MFG						SCALE: 1:2	A3
Q.A.					MATERIAL:		
					WEIGHT:		SHEET 1 OF 1