



SPECIFICATIONS:
 *PORT: Ø 4.5" 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: ≥ 1x10⁻⁹ 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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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
CHK'D		GEN. USE					ANGLE VALVE, RIGHT ANGLE, MANUAL ACTUATION	
APPV'D		MATERIAL:						DWG NO.
MFG		WEIGHT:						A-250-H-CF
Q.A.		SCALE: 1:3					SHEET 1 OF 1	

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