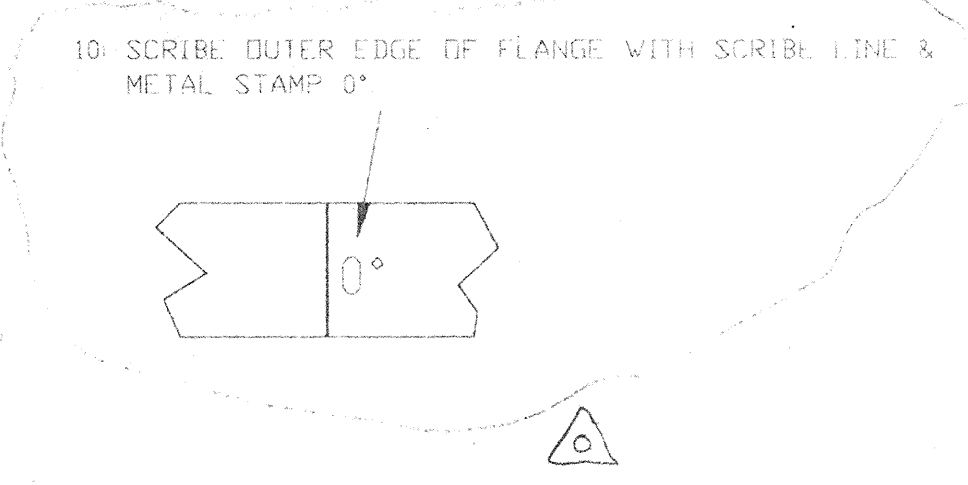


- NOTE:
- 1: FLANGES WILL BE USED IN ULTRA HIGH VACUUM SERVICE SEE SPECIFICATION V049-2-040 FOR MATERIAL REQUIREMENTS
 - 2: ALL MATERIAL TO BE 304L STAINLESS STEEL
 - 3: FLANGES MUST BE PACKAGED, HANDLED, AND SHIPPED IN SUCH A MANNER AS TO MAINTAIN SPECIFIED SURFACE FINISHES AND FLATNESS TOLERANCES.
 - 4: MACHINE TOOL LAY TO BE CONCENTRIC ON ALL SURFACES THAT REQUIRE A 32 RMS FINISH
 - 5: NO ABRASIVE STONES, CLOTHS OR GRINDING WHEELS MAY BE USED.
 - 6: NO OIL BASED OR HYDROCARBON BASED CUTTING FLUIDS TO BE USED.
 - 7: NO CARBON STEEL OR OTHER SOURCE OF IRON CONTAMINATION ARE TO COME IN CONTACT WITH FLANGES DURING MANUFACTURING OR HANDLING.
 - 8: FLANGE FINAL FACE CUTS AND O-RING GROOVES MUST BE MACHINED DURING THE SAME SETUP.
 - 9: STEAM CLEAN & WRAP IN POLYETHYLENE TO PREVENT CONTAMINATION DURING SHIPPING.



APR 30 1996

INNER O-RING .275 DIA. STOCK x 191 1/4" LG. VULCANIZED - BAKED VITON E-60C
 OUTER O-RING .275 DIA. STOCK x 200 5/8" LG. VULCANIZED - BAKED VITON E-60C

D961102-00-V

PROPRIETARY AND CONFIDENTIAL THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS AFFILIATED COMPANIES AND SHALL BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS SUPPLIED. IT SHALL NOT BE COPIED, REPRODUCED, OR OTHERWISE USED, NOR SHALL SUCH INFORMATION BE FURNISHED IN WHOLE OR IN PART TO OTHERS EXCEPT IN ACCORDANCE WITH THE TERMS OF ANY AGREEMENT UNDER WHICH IT WAS SUPPLIED OR WITH THE PRIOR WRITTEN CONSENT OF PROCESS SYSTEMS INTERNATIONAL, INC. AND SHALL BE RETURNED UPON REQUEST.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16" ANGULAR ± 10°-30° BEND ± 2° TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL ± 0.005 FINISHED SURFACE RMS 6.3 BREAK CORNERS IN .005" OUT TO .005 REMOVE ALL BURRS		0 ISSUED FOR FDR/FAB P5 REVISED PER DEQ 0104 P4 FOR PROTOTYPE FABRICATION P3 RELEASE FOR QUOTE P2 UPDATE PRELIMINARY DESIGN P1 PRELIMINARY		REF REP PV 4-20-96 0121 PV 3-28-96 0104 PV 3-18-96 0097 KAR 12-14-95 KAR 12-4-95 KAR 10-24-95		PROCESS SYSTEMS INTERNATIONAL, INC. 20 WALKUP DR. WETBOROUGH, MASSACHUSETTS 01591 USA 60 1/2" I.D. FLANGE DETAIL (BSC) GROOVED LIGD VACUUM EQUIPMENT CAD FILE V0494019 SIZE C DWG. NO. V049-4-019 REV 0 SCALE AS NOTED SHEET 1 OF 1	
DWG. NO.	DESCRIPTION	USED ON	REV.	DESCRIPTION	CHKD	DRAWN	DATE	DEQ	
	REFERENCE DRAWINGS	NEXT ASSY.		ISSUE DESCRIPTION					

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