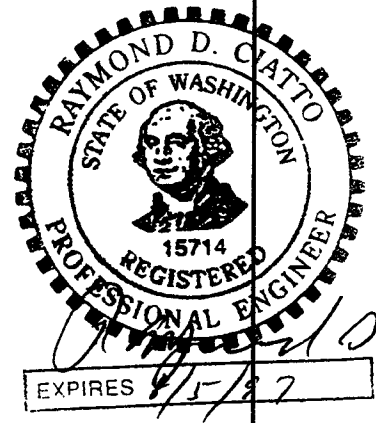


- NOTE:
- 1: FLANGES WILL BE USED IN ULTRA HIGH VACUUM SERVICE  
SEE SPECIFICATION V049-2-040 FOR MATERIAL REQUIREMENTS  
SEE SPECIFICATION V049-2-136 FOR MACHINING REQUIREMENTS
  - 2: ALL MATERIAL TO BE 304L STAINLESS STEEL
  - 3: FLANGES MUST BE PACKAGED, HANDLED, AND SHIPPED IN SUCH A MANNER AS TO 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: STEAM CLEAN & WRAP IN POLYETHELENE TO PREVENT CONTAMINATION DURING SHIPPING.
  9. DO NOT MACHINE FLANGE O.D.  
ALL FORGING MANUFACT NOS. TO BE LEFT INTACT.

THIS FLANGE TO BE MADE FROM P/N V049M241-1  
WEIGHT: 186#



|   |                    |   |      |   |      |                                   |      |  |  |              |  |
|---|--------------------|---|------|---|------|-----------------------------------|------|--|--|--------------|--|
| PROPRIETARY AND CONFIDENTIAL<br>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 BY 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<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>FRACTIONAL: ± 1/16<br>ANGULAR: ± 30° BEYOND 45°<br>TWO PLACE DECIMAL: ± .010<br>THREE PLACE DECIMAL: ± .005<br>FINISHED SURFACE: RNS 63<br>BREAK CORNERS: INWARD OUTLINES REMOVE ALL BURRS |      | 1 DESIGN UPDATE/FABRICATION<br>0 ISSUED FOR FDR |      | PV 7/31/96 0218<br>PV 5-1-96 0150 |      | CAD FILE V0494029<br>SIZE C<br>DWG. NO. V049-4-029<br>SCALE 1 1/2"=1'-0" |  | SHEET 1 OF 1 |  |
| DWG. NO.  | DESCRIPTION        | USED ON   | REV. | DESCRIPTION                                     | CHKD | DRAWN                             | DATE | DED  |  |              |  |
|   | REFERENCE DRAWINGS | NEXT ASS'Y.   |      | ISSUE DESCRIPTION                               |      |                                   |      |  |  |              |  |