

D

C

B

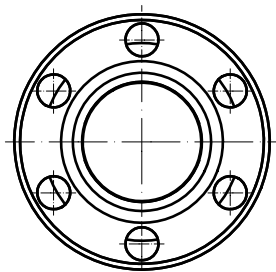
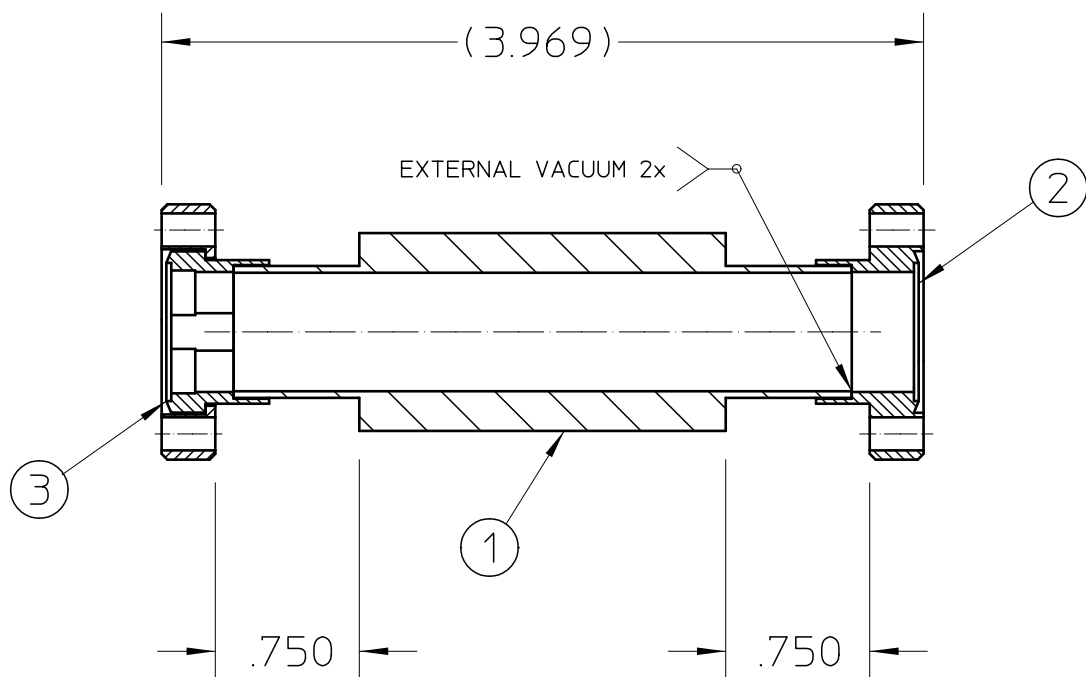
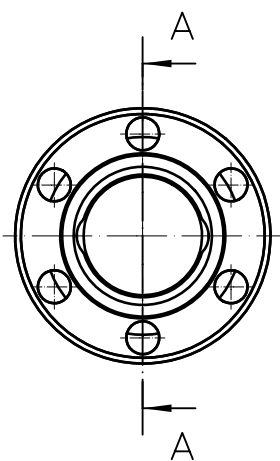
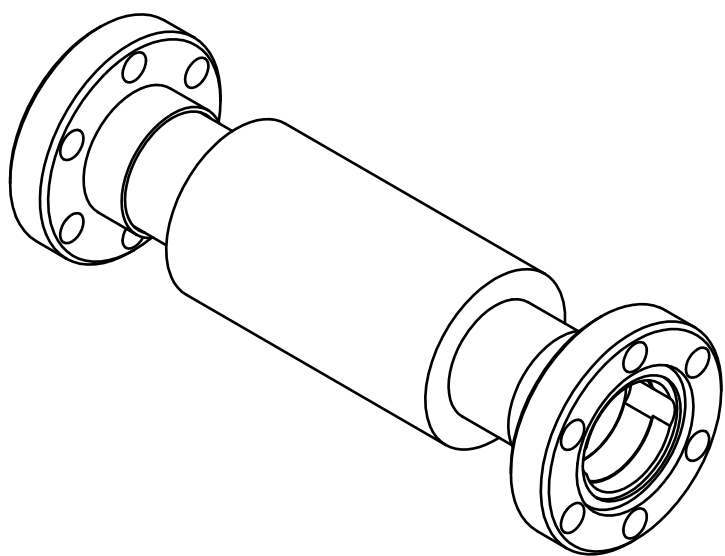
A

D

C

B

A



UNLESS OTHERWISE SPECIFIED,

- 1) DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994. ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES. NOT ALL HIDDEN LINES ARE SHOWN.
- 2) THIS IS AN ULTRA HIGH VACUUM (UHV) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M773 BEFORE PERFORMING ANY FAB- RICATION.
- 3) PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE. TAKE EXTREME CARE NOT TO DING, SCRATCH, DENT, OR OTHERWISE MARK ANY MACHINED SURFACE.

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
C	patton	patton	03-26-20	MOD TO JOHNSEN ULTRAVAC PREF
B	patton	patton	02-13-20	CORRECT BELLOWS INFO IN BOM
A	knolls	patton	12-19-20	INITIAL REVISION

UNLESS OTHERWISE SPECIFIED

TOLERANCES	.X ± .- .XX ± .- .XXX ± .-
FRACTIONS	± - / - -
ANGLES	± - . - ° / INCH
MACH. SURFS.	125 ✓ OR BETTER

REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

PROJECT NAME:

Advanced Light Source

UNIQUE NUMBER: AL-0003-1336

DO NOT SCALE PRINT
SCALE: 1:1

CATEGORY CODE: AL 4153

THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA

ALS - INSERTION DEVICE BEAMLINES
BL 11.0.1 MONOCHROMATOR
OPTIC BELLOWS WELDMENT

SHEET 1 OF 1
SIZE: C
DWG NO: 26A809
REV C