

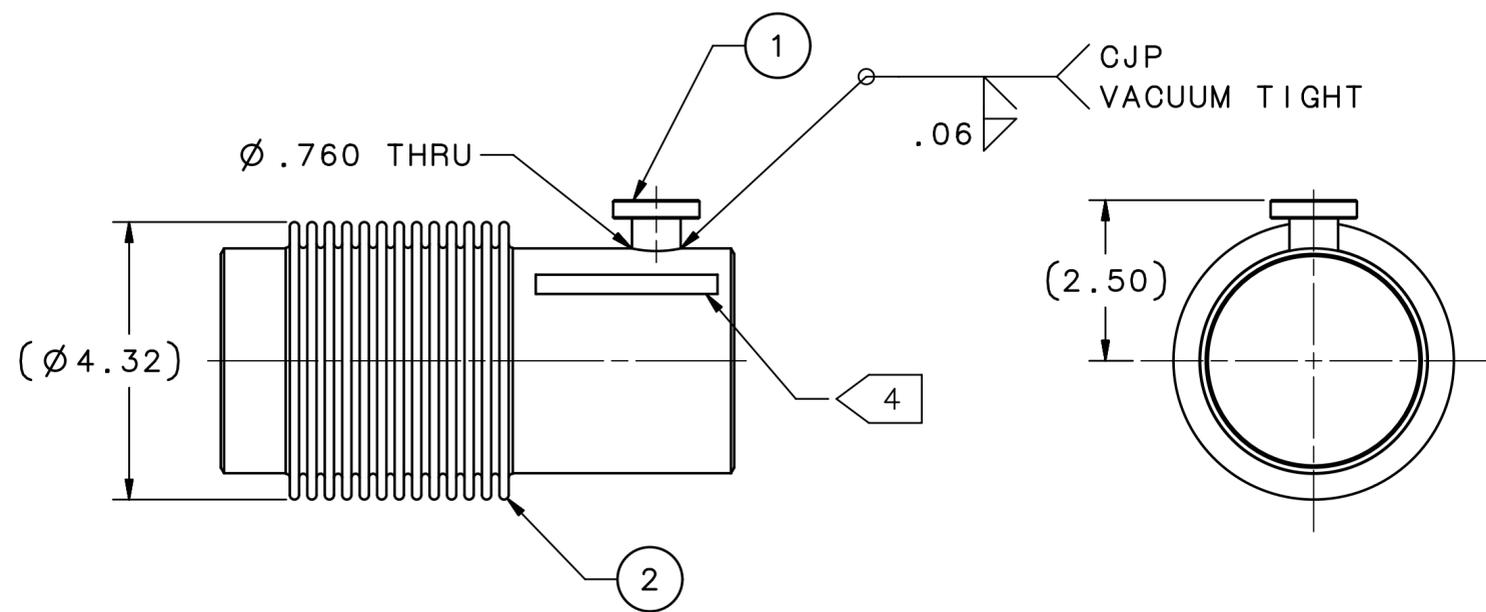
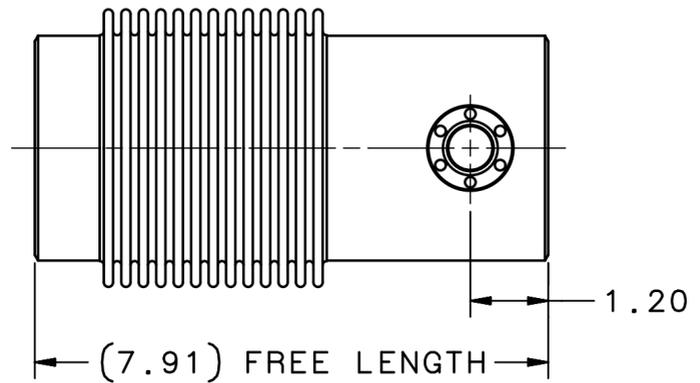
4

3

2

1

REVISION HISTORY		
ZONE	REV	DESCRIPTION



CJP
VACUUM TIGHT

.06

NOTES:

- CLEAN AND HANDLE STAINLESS STEEL PER JLAB SPECIFICATION: 11141-S-0034
- THE ASSEMBLY MUST BE LEAK TESTED IN ACCORDANCE WITH JLAB SPECIFICATION: 11141-S-0029 NO DETECTABLE LEAK GREATER THAN 2X10⁻¹⁰ STD CC OF HE/SEC
- PROTECT FLANGE FACES DURING AND AFTER PROCESSING WITH SUITABLE PLASTIC CAPS. DAMAGE TO KNIFE EDGES IS UNACCEPTABLE.
- DRAWING NUMBER (104211500-A017---) TO BE ETCHED OR ENGRAVED IN APPROXIMATE LOCATION USING MINIMUM .25 HIGH CHARACTERS.
- BUILD IN ACCORDANCE WITH ASME B31.3
FLUID SERVICE: NORMAL
DESIGN TEMPERATURE: 2-300K
DESIGN PRESSURE: 4 ATM DIFFERENTIAL
VENDOR SHALL SUBMIT INSPECTION AND TEST REPORTS.

QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	NOTES
1	2	104211500-M8U-8200-A026	CON BELLOWS 3.50 ID X 7.91 LG W/WELD PREP		
1	1	104211500-M8U-8200-A025	1.33 HALF NIPPLE TAPPED MOD		

FOR JLAB INTERNAL USE ONLY

SEE ES&H MANUAL CHAPTER 6151 FOR PRESSURE AND VACUUM SYSTEMS SAFETY SUPPLEMENT AND WELDING AND BRAZING SUPPLEMENT

WELD CLASS	PRESSURE/VACUUM CLASS
	ASME B31.3
CODE	PRESSURE SYSTEMS NUMBER
	PS-CRM-18-001

DTM & TOL PER ASME Y14.5 2009 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

FRACTIONS	DECIMAL	ANGLES
± 1/8	± .1	± .50°
.XX	± .01	
.XXX	± .005	

THIRD ANGLE PROJECTION

FINISH 125 UNLESS MACHINED SURFACES OTHERWISE NOTED DEBURR & BREAK ALL SHARP EDGES

DO NOT SCALE DRAWING

DRAWN J. HOERGER DATE 10JUL19

United States Department of Energy

Jefferson Lab
Thomas Jefferson National Accelerator Facility

Newport News Virginia

CRM
SPALLATION NEUTRON SOURCE - PPU
CAVITY STRING
He OUTLET BELLOWS

SIZE	DWG. NO.	REV.
C	104211500-M8U-8200-A017	-
SCALE	1:2	USED ON ASSY NO. 104211500-M8U-8200-A002
SHEET 1 OF 1		