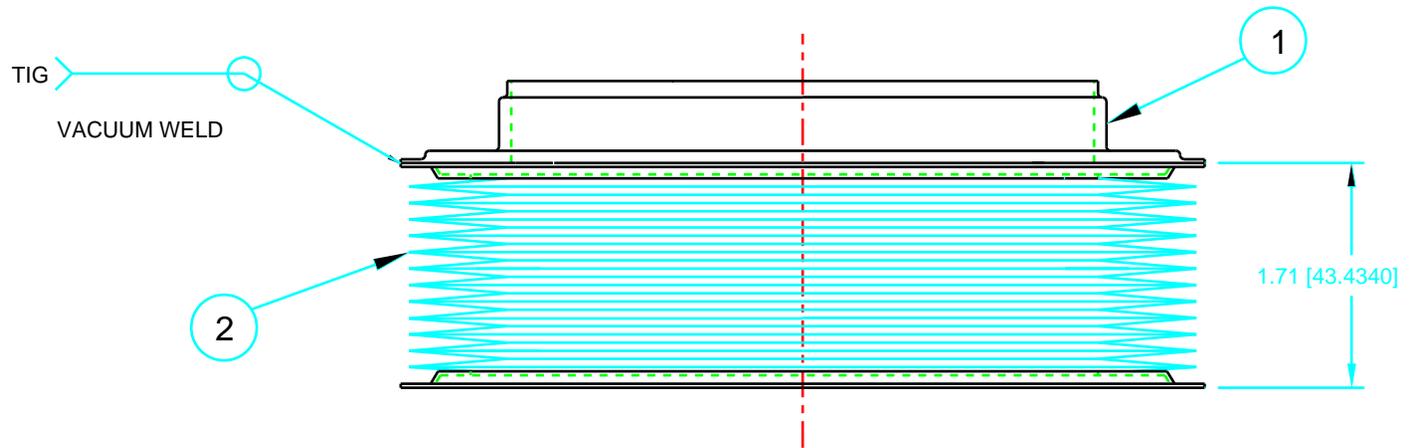


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1

A12632



NOTES:

1. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
2. WELD WILL BE TUNGSTEN INERT GAS (TIG)
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [] ARE MILLIMETERS



2		BELLOW'S STD. CAT. #600-450-2-BB	STAINLESS STEEL	1
1	P4102010103-210201-01	P1 UPPER BELLOWS FLANGE	304 SST	1
ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

PARTS LIST

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES

TOLERANCES

DECIMALS	ANGULAR
.X - .03	- .25
.XX - .01	
.XXX - .005	

SURFACE ROUGHNESS 125 ✓

REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.

SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1

DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5

LOG NUMBER

A12632

DRAWN BY MUSCIA

DATE 8/3/92

CHECKED BY

DESIGNER MUSCIA

RESPONSIBLE ENGINEER

D. SHU

DATE 9/29/92

MATERIAL

SEE PARTS LIST



THIS DRAWING IS THE PROPERTY OF

ARGONNE NATIONAL LABORATORY

CHIEF DESIGN ENGINEER

D. SHU

GP LEADER

T.M. KUZAY

PROJECT MGR.

APPROVED/RELEASED

DATE 9/29/92

DATE 9/29/92

DATE 9/29/92

TITLE

ADVANCED PHOTON SOURCE
P1 1-ST PHOTON SHUTTER
FLANGE & BELLOWS
WELDMENT ASSEMBLY

SCALE 1:1

SHEET 1 of 1

SIZE

B

DRAWING NUMBER

P4102010103-210200-01

1	DRAWING BROUGHT UP TO DATE	M.J.M.			
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE	
REVISIONS					

DO NOT SCALE DRAWING