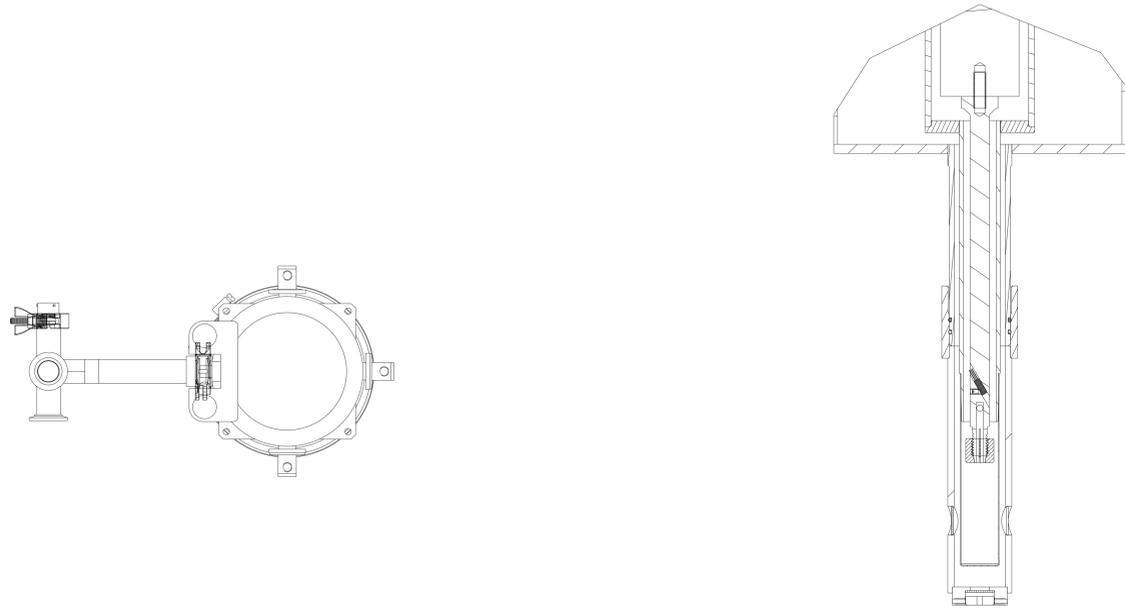


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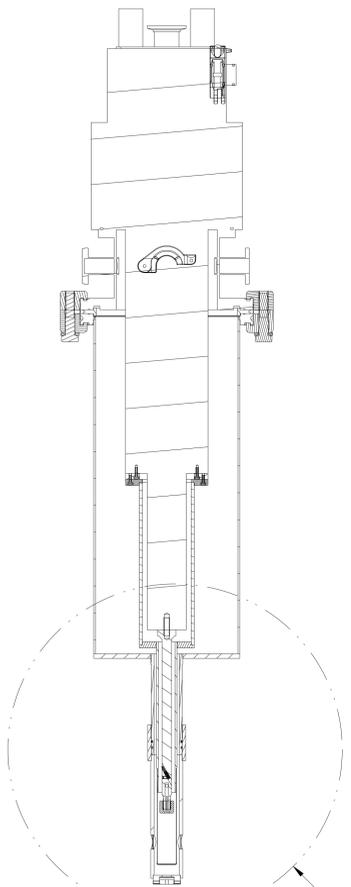
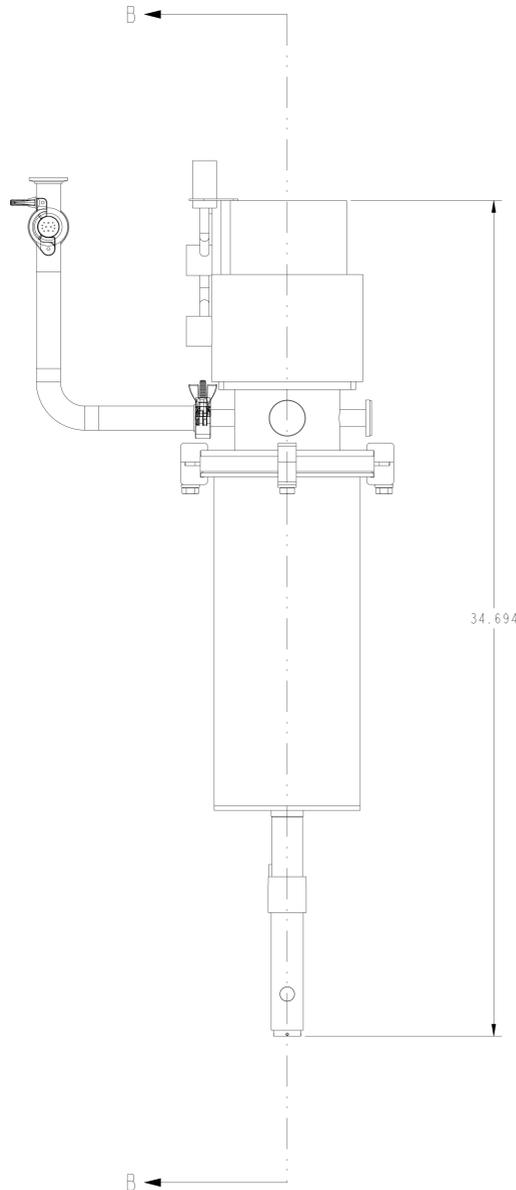
REVISIONS											
REV	TYPE	DESCRIPTION OF CHANGE	DES	DET	CK	ENG	TL	GL	CE	VER	DATE
0		ORIGINAL ISSUE									

NOTES:

- 1 ORNL SUPPLIED
- 2 MCMASTER-CARR SUPPLY CO.
ATLANTA, GA 30336-2853
PH (562) 463-4277
WWW.MCMASTER.COM
- 3 KURT J. LESKER OR EQUIVALENT
1925 ROUTE 51
JEFFERSON HILLS, PA 15025
PH (800) 245-1656
WWW.LESKER.COM

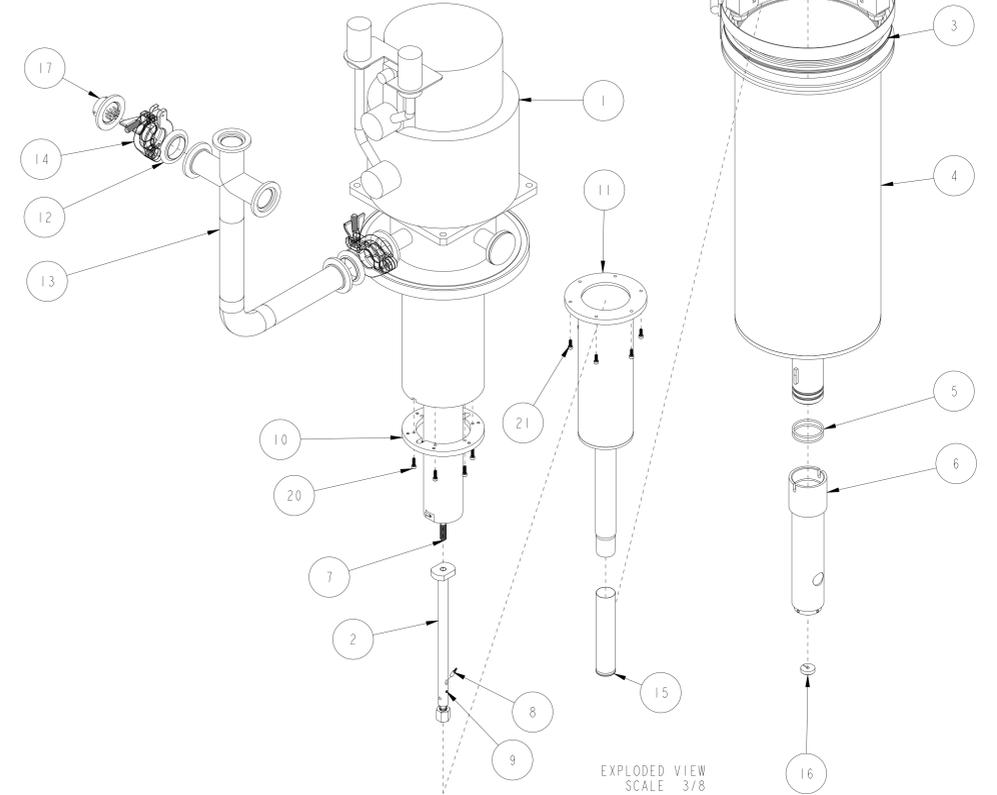


DETAIL A
SCALE 3/4



SECTION B-B

SEE DETAIL A



EXPLODED VIEW
SCALE 3/8

FIND NO	QTY	PART OR IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL / SPECIFICATION	
21	6	92185A107	SOCKET HEAD CAP SCREW, #4-40 X 5/16"	316 STAINLESS PURCHASED	
20	6	92185A108	SHCS #4-40 X 3/8"	316 STAINLESSSTEEL MCMASTER-CARR	
19	4	MSO_ADT_ISO_LF_NW160-250_DC	CLAMP, DBL, NW160-250		
18	1	5682K24-REP-F10	CLAMP	SS 316 MCMASTER 5682K24 REP F10	
17	1	MDC-1259701-12P-FEEDTHRU	12 PIN VACUUM CONNECTOR (MDC SPECIAL)	12 PIN REF PIN DTLR-14-12PN-03 MDC CSD SPECIAL PER QUOTE # SQ	
16	1	HF1RCG204M8U79CGA217	FIBER OPTIC CLAMP	A1 6061 ASTM B221	
15	1	HF1RHB3404M8U79HBA066	OVC	AL 6061-T0 ASTM B209	
14	2	QF25-100-C	NW/OF/KF 16 WINGNUT CLAMP	ALUMINUM KURT-J-LESKER	
13	1	HF1RCG204M8U79CGA196	CCR VACUUM TUBE WELDMENT		
12	2	QF25-100-SRV	NW25 CENTERING AND VITON O-RING	VITON O-RING ASSEMBLY	
11	1	HF1RCG204M8U79CGA194	UPPER HEAT SHIELD WELDMENT		
10	1	HF1RCG204M8U79CGA195	1ST STAGE ADAPTER PLATE	DFHC Cu C10100	
9	1	92185A119	4-40 FLAT POINT SET SCREW X 1/8LG HEX SOCKET	316 STN STL	
8	1	CERNOX_CX-10XX-AA	CERNOX TYPE AA PACKAGE F10 REP	WWW.LAKESHORE.COM	
7	1	93025A393-MOD-CUT	1/4-28 X 1" STUD CUT TO .75"	BRASS MCMASTER	
6	1	HF1RCG204M8U79CGA108	LOWER OVC WELDMENT		
5	2	ORING-STRETCHED-DASH024	VITON ORING STRECHED FIT DASH 025	VITON MCMASTER 9464K79	
4	1	HF1RCG204M8U79CGA107	UPPER OVC WELDMENT		
3	1	QF160-AAVR	ISO-160 CENTERING / O-RING	ALUMINUM/VITON KURT J LESKER	
2	1	HF1RCG204M8U79CGA226	CCR 2ND STAGE COLLET		
1	1	DE210SF-CG2-FITZ	DE210 OLD STOCK	NOT ASSIGNED NOT ASSIGNED	
				TOTAL WEIGHT	45 LBS

PARTS LIST

QUALITY VERIFICATION	APPLICABLE
MATERIAL MILL TEST REPORT	
LEAK TEST REPORT	
CLEANING CERT	
WELD / BRACE INSPECTION REPORT	
HEAT TREAT REPORT (W/CHART)	
DIMENSIONAL REPORT	
MATERIAL SELLER CERT	
FUNCTIONAL TEST REPORT	
DEVIATION REQUEST	
NONCONFORMANCE REPORT	X
QA REP	DATE

DIMENSIONS ARE IN INCH		APPROVALS	
DRAFTING STANDARD: ASME Y14.100 <td>DATE: 3/7/17 <td>DESIGNER: JWENZEL <td>DATE: 3/7/17 </td></td></td>	DATE: 3/7/17 <td>DESIGNER: JWENZEL <td>DATE: 3/7/17 </td></td>	DESIGNER: JWENZEL <td>DATE: 3/7/17 </td>	DATE: 3/7/17
DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009 <td>DATE: 3/7/17 <td>CHECKER: JWENZEL <td>DATE: 3/7/17 </td></td></td>	DATE: 3/7/17 <td>CHECKER: JWENZEL <td>DATE: 3/7/17 </td></td>	CHECKER: JWENZEL <td>DATE: 3/7/17 </td>	DATE: 3/7/17
DO NOT SCALE DRAWING <td></td> <td>ENGINEER: <td>DATE:</td> </td>		ENGINEER: <td>DATE:</td>	DATE:
DEFAULT TOLERANCES <td></td> <td>TEAM LEAD: <td>DATE:</td> </td>		TEAM LEAD: <td>DATE:</td>	DATE:
L INEAR: X.XX ±.01	ANGULAR: ±.5°	GROUP LEAD: <td>DATE:</td>	DATE:
SURFACE ROUGHNESS: 125 RMS MAX		CHIEF ENGR: <td>DATE:</td>	DATE:
THIRD ANGLE PROJECTION		VERIFIER: <td>DATE:</td>	DATE:
THIRD_ANGLE		CONTROL SYSTEM: 4	RELEASE:
		SNS PROCEDURE: NFDD-ENG-001	

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 DEPARTMENT OF ENERGY UNDER U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725
 OAK RIDGE, TENNESSEE

NEUTRON SCIENCES

**CG2 SAMPLE ENVIRONMENT
 He POLARIZATION PROJECT
 CCR COMPLETE**

SIZE: DRAWING NUMBER: **E**
 DRAWING NUMBER: **HF1RCG204M8U79CGA104**
 MODEL: REV SHEET: **0** of **1**

SCALE: 3/8
 CDD: NONE
 HF1RCG204M8U79CGA104
 MODEL: REV SHEET: **0** of **1**
 THIS DRAWING PREPARED ON P&E/ENGINEER

NEXT USED ASSEMBLIES	QA REP	DATE
HF1RCG204M8U79CGA102		