

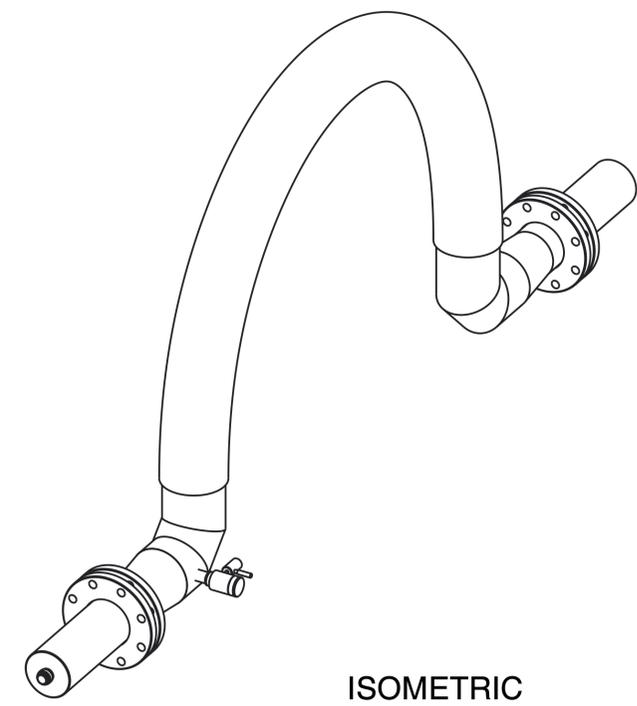
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EDDR #: 1312458

EAR 99 NLR

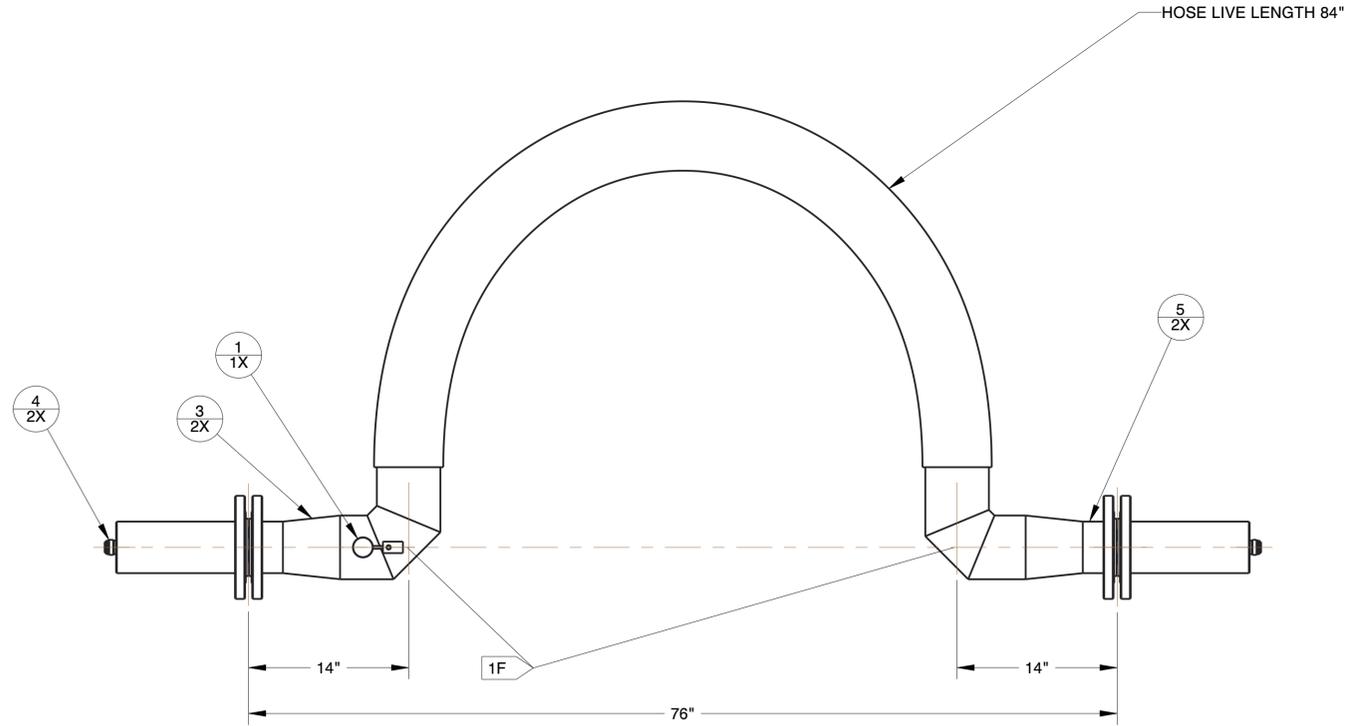
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVAL



ISOMETRIC

NOTES:

- GENERAL**
- 1A. INTERPRET THIS DRAWING PER ASME Y14.5M-2009.
 - 1B. THIS DRAWING PROVIDES THE PHYSICAL DIMENSIONS AND PARTS LIST FOR PIPE SPOOL ASSEMBLIES. REFER TO PROCUREMENT SPECIFICATION K0000146863 FOR TECHNICAL, FABRICATION, TEST AND INSPECTION REQUIREMENTS.
 - 1C. NOTED DIMENSIONS INDICATES MAXIMUM ALLOWABLE LENGTHS.
 - 1D. THE NOMINAL PIPE SIZE FOR THE INNER PIPE IN THIS DRAWING IS 2 INCHES SCHEDULE 10, WHICH IS NOT SHOWN. THE NOMINAL PIPE SIZE FOR THE OUTER PIPE IS 4 INCHES SCHEDULE 10.
 - 1E. THE NOMINAL PIPE SIZE FOR THE INNER FLEX HOSE IN THIS DRAWING IS 3 INCHES THE NOMINAL PIPE SIZE FOR THE OUTER FLEX HOSE IS 5 INCHES.
 - 1F. INNER LINE ELBOWS ARE SPECIFIED IN THE BILL OF MATERIALS BUT NOT SHOWN.
- MARKING**
- 2A. STENCIL TEXT PART NUMBER, WEIGHT, LOCATION OF CENTER GRAVITY AND LIFTING/SHIPPING SUPPORT LOCATIONS PER COMMERCIAL STANDARDS.



QTY	ZONE	FIND NO OR ITEM NO	MFR CODE	PART OR STOCK NO	DESCRIPTION
2	5	35795	F-BMCTPS16X		BAYONET, MALE 2X4, CPC-CRYOLAB
2	4	35795	F-BMCTPS16S		CAP. BAYONET, MALE, 2 X 4, WITH PURGE PORT, CPC-CRYOLAB
2	3	05047			REDUCER, ASME B16.9, NPS 5 X 4, SCHED 10, ASTM A403
2	2	05047			ELBOW, REDUCING, LONG, ASME B16.9 NPS 3 X 2, SCHED 10, ASTM A403
1	1	22264	79K14672-3		ASSEMBLY, VACUUM VALVE

PARTS LIST

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED ONLY BY THE DESIGN ACTIVITY.		UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES, INTERPRET DIM AND TOL PER ASME Y14.5M-2009. TOLERANCES ON:		ORIGINAL DATE OF DRAWING (YY/MM/DD) 13/05/21		JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
SOFTWARE	CREO ELEMENTS/PRO 5.0	FRACTIONS	± 1/8	DECIMALS	1 PL ±.1 2 PL ±.03 3 PL ±.010	ANGLES	1 PL ±.5
FILENAME	K0000071342D	THIRD ANGLE PROJECTION		DRAFTSMAN	L. F. LOCANTE	CHECKER	J. A. STAGI
MATERIAL		APPLICATION		ENGINEER	S. A. BRYANT	CHECKER	
HEAT TREATMENT		NEXT ASSY	USED ON	ENGINEER	D. A. REWINKEL	STRESS	
FINAL PROTECTIVE FINISH				ENGINEER	J. G. GADDONE		
				SUBMITTED T. O. ADAMS		SCALE: .125 UNIT WEIGHT: 162.22 SHEET: 1 OF 1	
				APPROVED E. A. THAXTON		SIZE: D 22264 DWG NO: K0000071342 REV: -	

EAR 99 NLR