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THE INFORMATION CONTAINED IN THIS DOCUMENT IS TECHNICAL IN CONTENT, BUT IS NOT TECHNICAL DATA AS DEFINED BY THE ITRR OR THE EAR, AND THEREFORE IS EAR 99 NLR (NO EXPORT LICENSE REQUIRED). GENERAL PROHIBITION SIX (EMBARGO) APPLIES TO ALL ITEMS SUBJECT TO THE EAR, I.E. ITEMS ON THE CCL AND WITHIN EAR 99 NLR. YOU MAY NOT MAKE AN EXPORT OR RE-EXPORT CONTRARY TO THE PROVISIONS OF PART 748 (EMBARGOS AND OTHER SPECIAL CONTROLS) OF THE EAR AND 22 CFR PART 128.1 OF THE ITRR.]

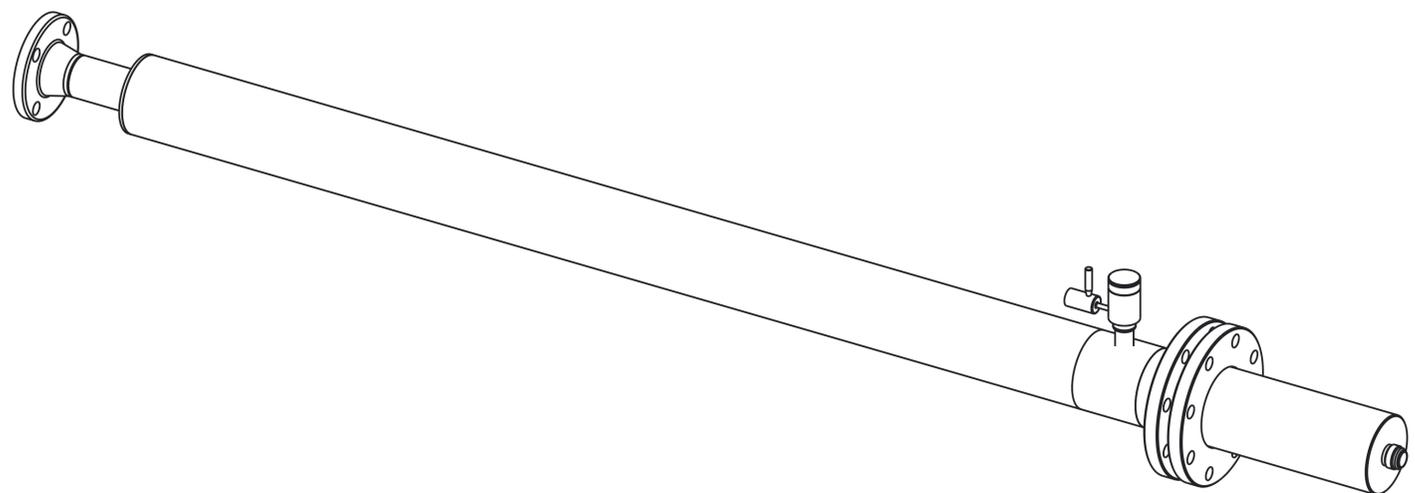
EDDR #: 1312465

EAR 99 NLR

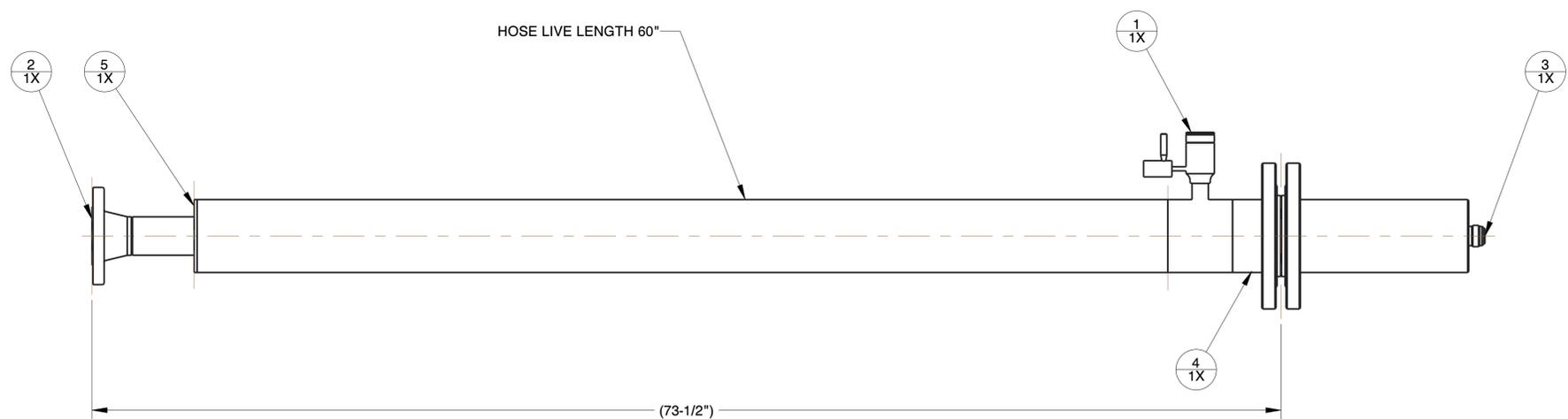
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVAL

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 3 INCHES SCHEDULE 10, WHICH IS NOT SHOWN. THE NOMINAL PIPE SIZE FOR THE OUTER PIPE IS 5 INCHES SCHEDULE 10.
 - 1E. WELD NECK FLANGE BOLT HOLES SHALL STRADDLE VERTICAL CENTERLINE OF THE PIPE.
- MARKING**
- 2A. STENCIL TEXT PART NUMBER, WEIGHT, LOCATION OF CENTER GRAVITY AND LIFTING/SHIPPING SUPPORT LOCATIONS PER COMMERCIAL STANDARDS.



ISOMETRIC



QTY	ZONE	FIND NO OR ITEM NO	MFR CODE	PART OR STOCK NO	DESCRIPTION
1	5				PLATE
1	4	35795	F-BMCTPS16X		BAYONET, MALE 2X4, CPC-CRYOLAB
1	3	35795	F-BMCTPS16S		CAP, BAYONET, MALE, 2 X 4, WITH PURGE PORT, CPC-CRYOLAB
1	2	05047			FLANGE, WELD NECK, B16.5, CLASS 150
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)		JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
SOFTWARE	CREO PARAMETRIC 2.0	FRACTIONS	DECIMALS	ANGLES	DRAFTSMAN	CHECKER	
FILENAME	K0000071357D	± 1/16	1 PL ±.1	1 PL ±.1	J. K. TUCKERMAN	J. A. STAGI	
MATERIAL			2 PL ±.03		J. K. TUCKERMAN	CHECKER	
HEAT TREATMENT			3 PL ±.010		D. A. REWINKEL	STRESS	
FINAL PROTECTIVE FINISH		THIRD ANGLE PROJECTION		ENGINEER		J. G. GADDONE	
		APPLICATION		ENGINEER		SUBMITTED	
		NEXT ASSY USED ON		ENGINEER		APPROVED	
		APPROVED		T. O. ADAMS		SCALE	
		APPROVED		E. A. THAXTON		SIZE CAGE CODE DWG NO REV	
		APPROVED		E. A. THAXTON		D 22264 K000071357 -	
		APPROVED		E. A. THAXTON		SCALE .200 UNIT WEIGHT 76.09 SHEET 1 OF 1	

EAR 99 NLR