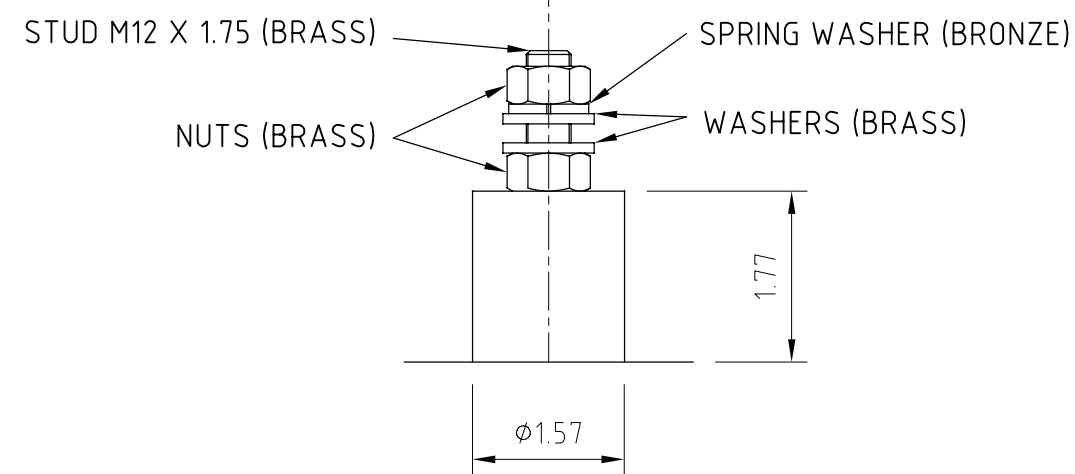
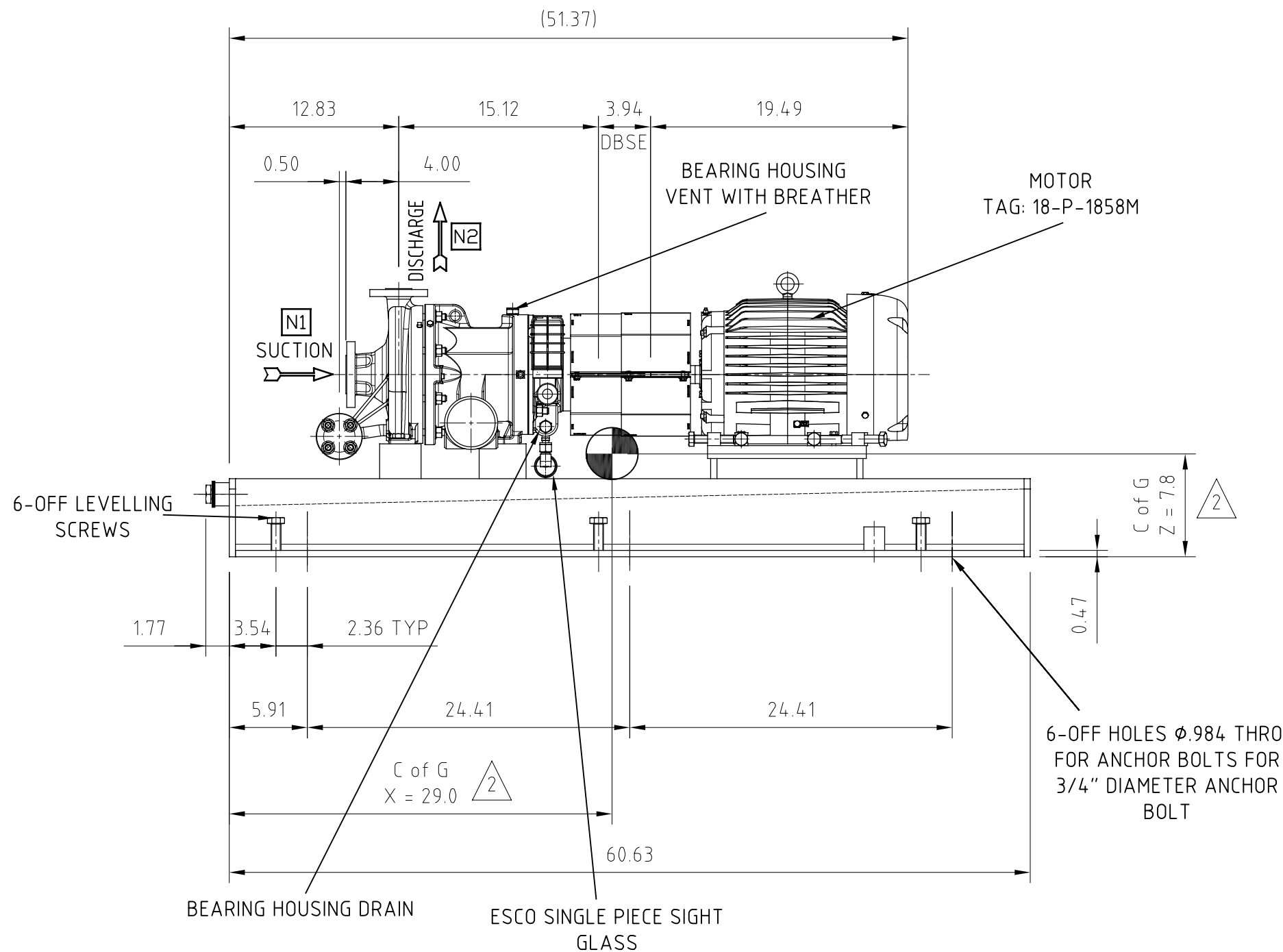
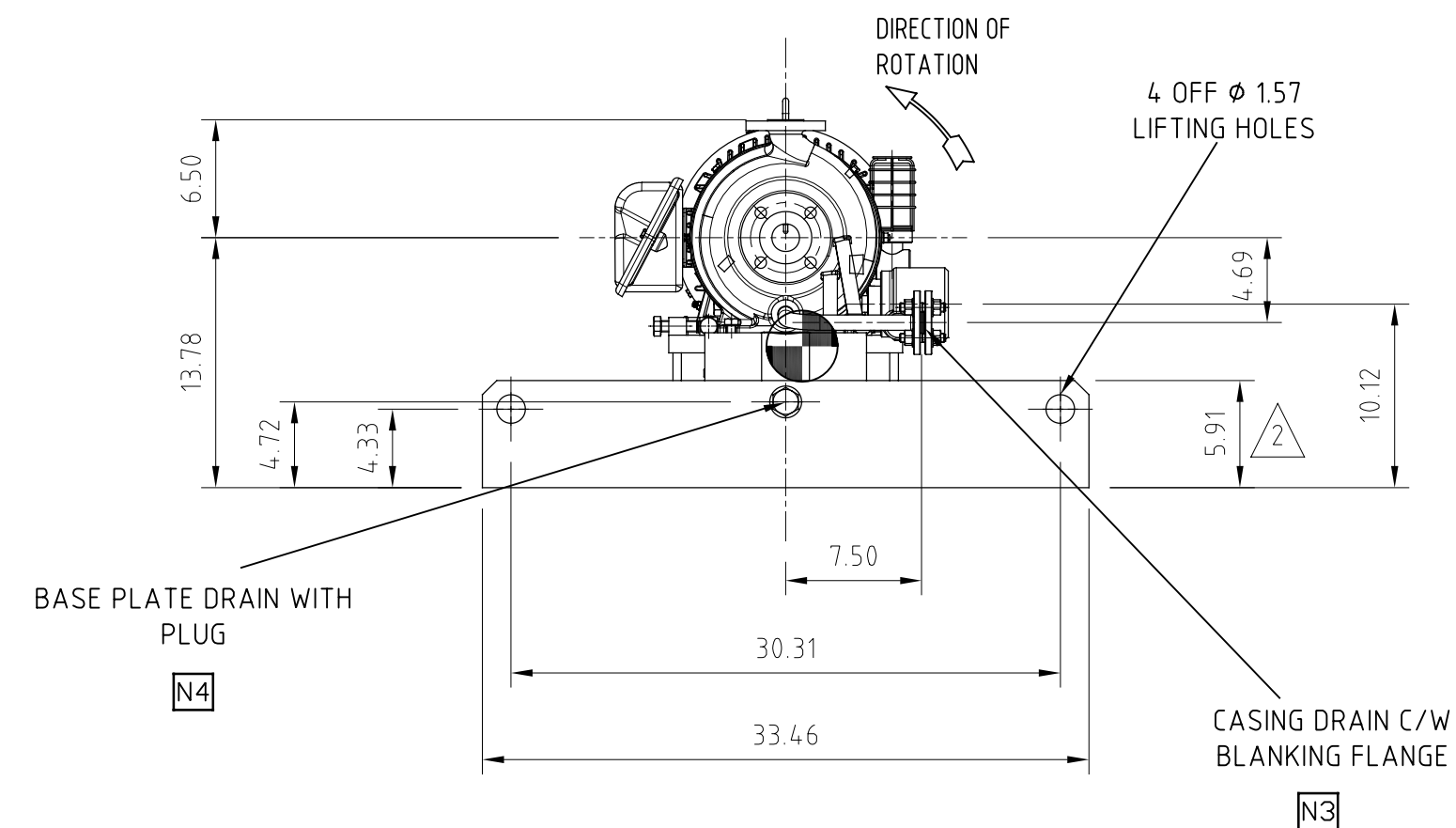
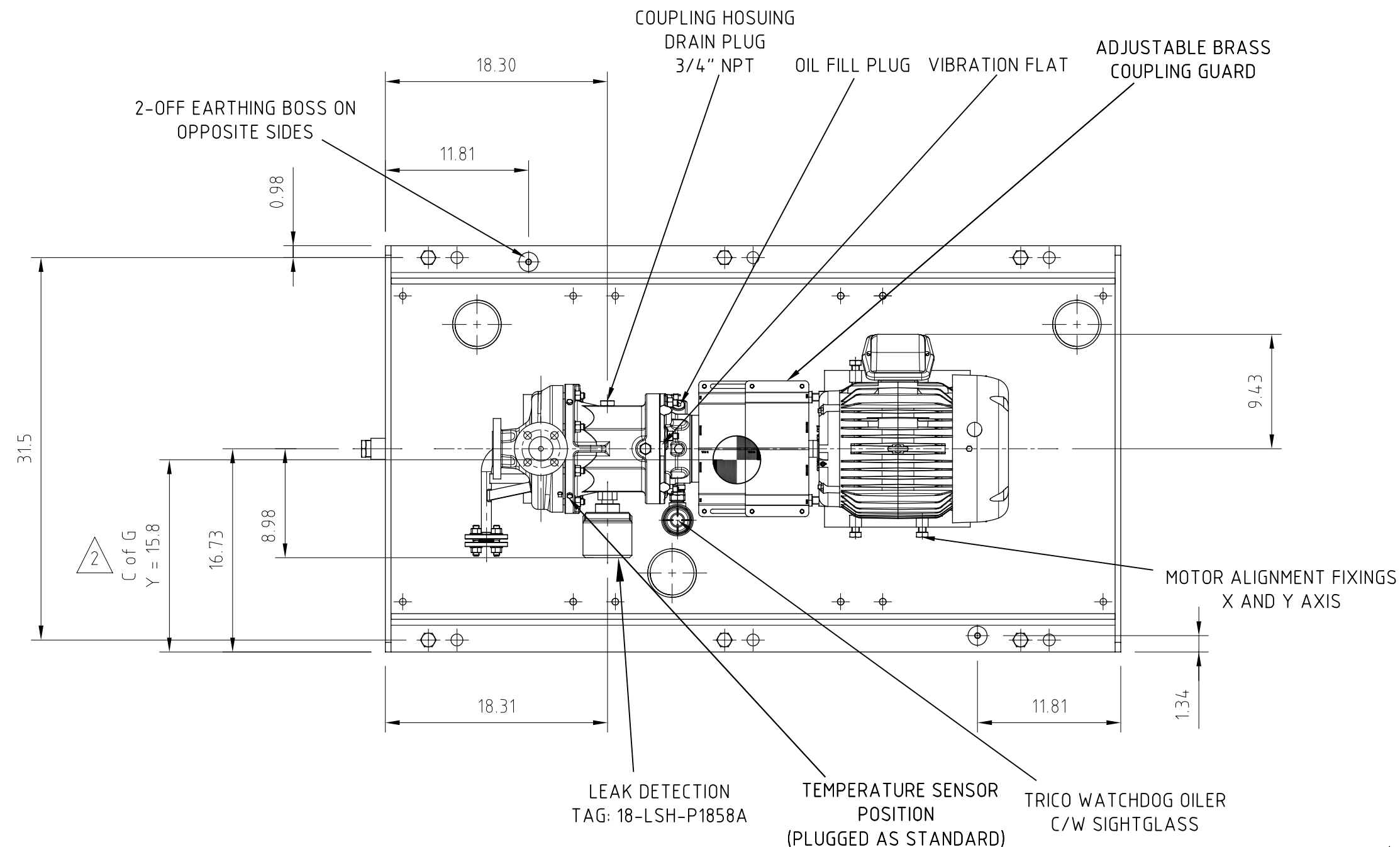




REFERENCE DRAWINGS:
Equipment Data Sheet (incl. Predicted Performance Curve) EN207123-SNDYN-9V3-00071
Pump Cross Sectional Drawing & Parts List EN207123-SNDYN-9V3-00068
Coupling Assembly Dwg & Parts List EN207123-SNDYN-9V3-00093
Motor General Arrangement Drawing EN207123-SNDYN-9V3-00094
Motor Data Sheet EN207123-SNDYN-9V3-00156

Size 80 Mesh recommended for suction strainer



ALL DIMENSIONS IN INCHES U.O.S

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Hampton Park Industrial Estate,
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UK Tel: +44(0) 1323 452000
UK Fax: +44(0) 1323 503369
USA (Toll free) 888 504 8304

HYDRAULIC	ITEM	SIZE	CONNECTIONS		SERVICE
			DESCRIPTION		
K6 1.5 X 1 X 8	N1	1.5"	ASME B16.5 150lb RF		SUCTION
	N2	1"	ASME B16.5 150lb RF		DISCHARGE
	N3	1/2"	ASME B16.5 150lb RF		CASING DRAIN
	N4	1"	NPT FEMALE		BASEPLATE DRAIN

ALLOWABLE PIPING LOADS APPLIED TO NOZZLES		FORCES (lbf)	
		1"	1.5"
DISCHARGE	FX	1050	
	FY	1210	
	FZ	1210	
	FR		
	FX	800	
	FY	1350	
SUCTION	FZ	300	
	FR		
	MX	360	720
	MY	360	190
	MZ	360	190
	MR		

NOTE:
PUMP PRESSURE CASINGS
ARE DESIGNED FOR THE
VALUES STATED IN TABLE

ELECTRIC MOTOR DETAILS	
MANUFACTURER	BALDOR
RATING/FRAME	10hp / 215T
ENCLOSURE	CL1 Div.2 Gr. A,B,C,D T3C
SUPPLY/SPEED	460 V / 3- / 60 Hz / 3500 RPM
MTT (IF APPLICABLE)	N/A
MTL (IF APPLICABLE)	9.43"
MTR (IF APPLICABLE)	N/A
MOTOR LENGTH (ML)	19.49"

FLEXIBLE COUPLING DETAILS	
MANUFACTURER	METASTREAM
SIZE TYPE	TSKS 13 - 3.94"
WEIGHTS (lbs)	
PUMP	150
MOTOR	182
BASEPLATE	454
ANCILLARIES	44
TOTAL	830

NOTES:	
Project Name: World Energy Renewables Project Unit: Aqueous Ammonia System Project Location: World Energy,Paramount, CA, USA Eng. & PM: Fluor Client: World Energy Paramount Service: Off-Spec Aqueous Ammonia Re-run Pump WBS No.: 1860	

CLIENT	AIR PRODUCTS MANUFACTURING LLC
ORDER NUMBER	SM00004856
ITEM NUMBER	18-P-1858
HMD PUMP NUMBER	840606

2	09/06/2023	Issued for Review	AFS
1	10/05/2023	Issued for Review	AFS
ISS	DATE	CHANGE	AUTH

CONTRACTS ISSUE NUMBER				
INTERNAL USE ONLY				
02	08/06/23	CN2023/112	KCM	X
01	09/05/23	INITIAL ISSUE	KCM	ARM
ISS	DATE	CHANGE NUMBER	DRN	CHK

ENGINEERING ISSUE NUMBER				
GENERAL ARRANGEMENT DRAWING				
TITLE: GSA 1.5x1x8-L3				
SUBTITLE: TYPE 5 BASEPLATE, SECONDARY CONTROL				
DRAWING NUMBER		X14029		
ISSUE:	02	REVISION:	SHEET No. 1 OF 1	