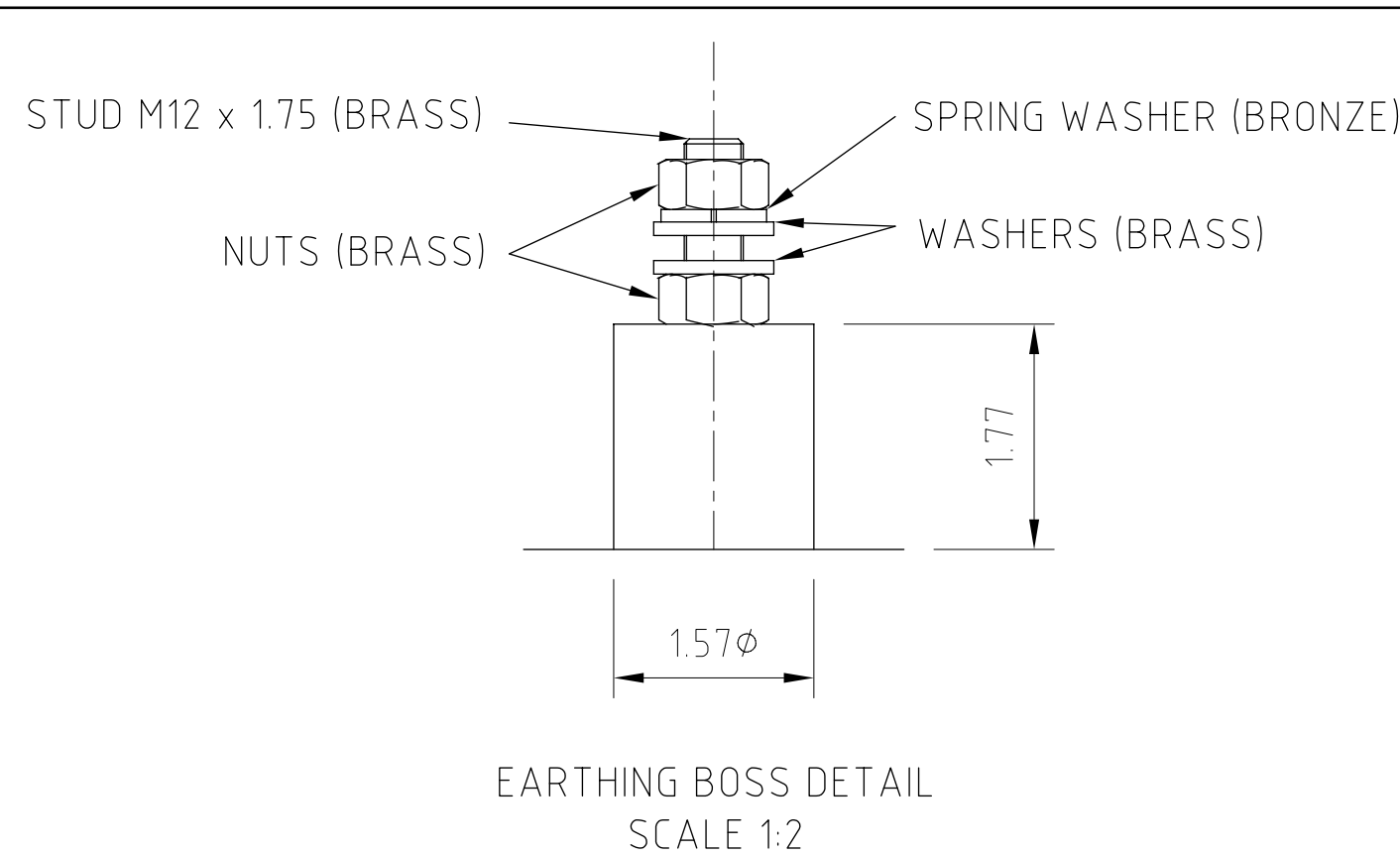
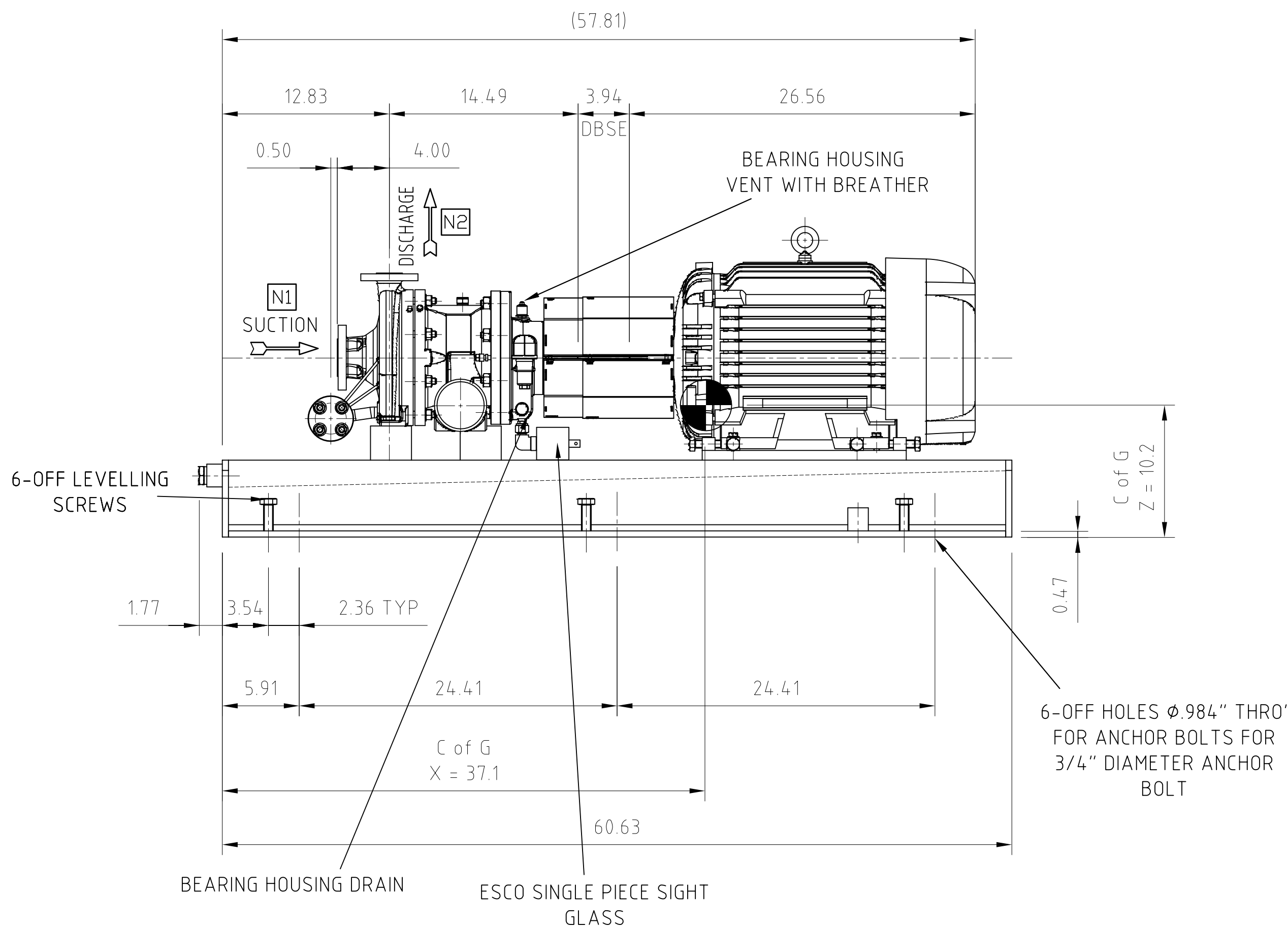
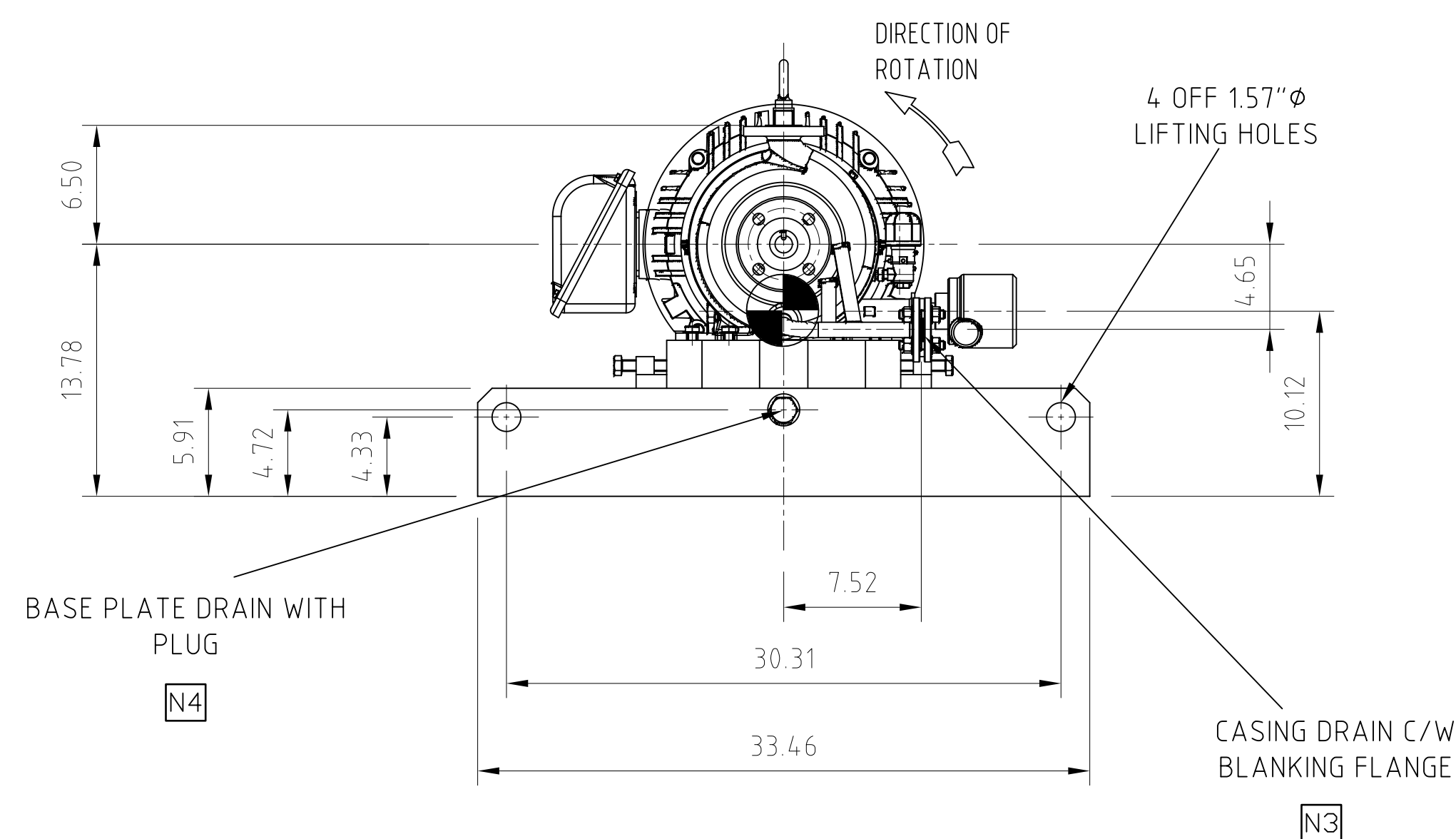
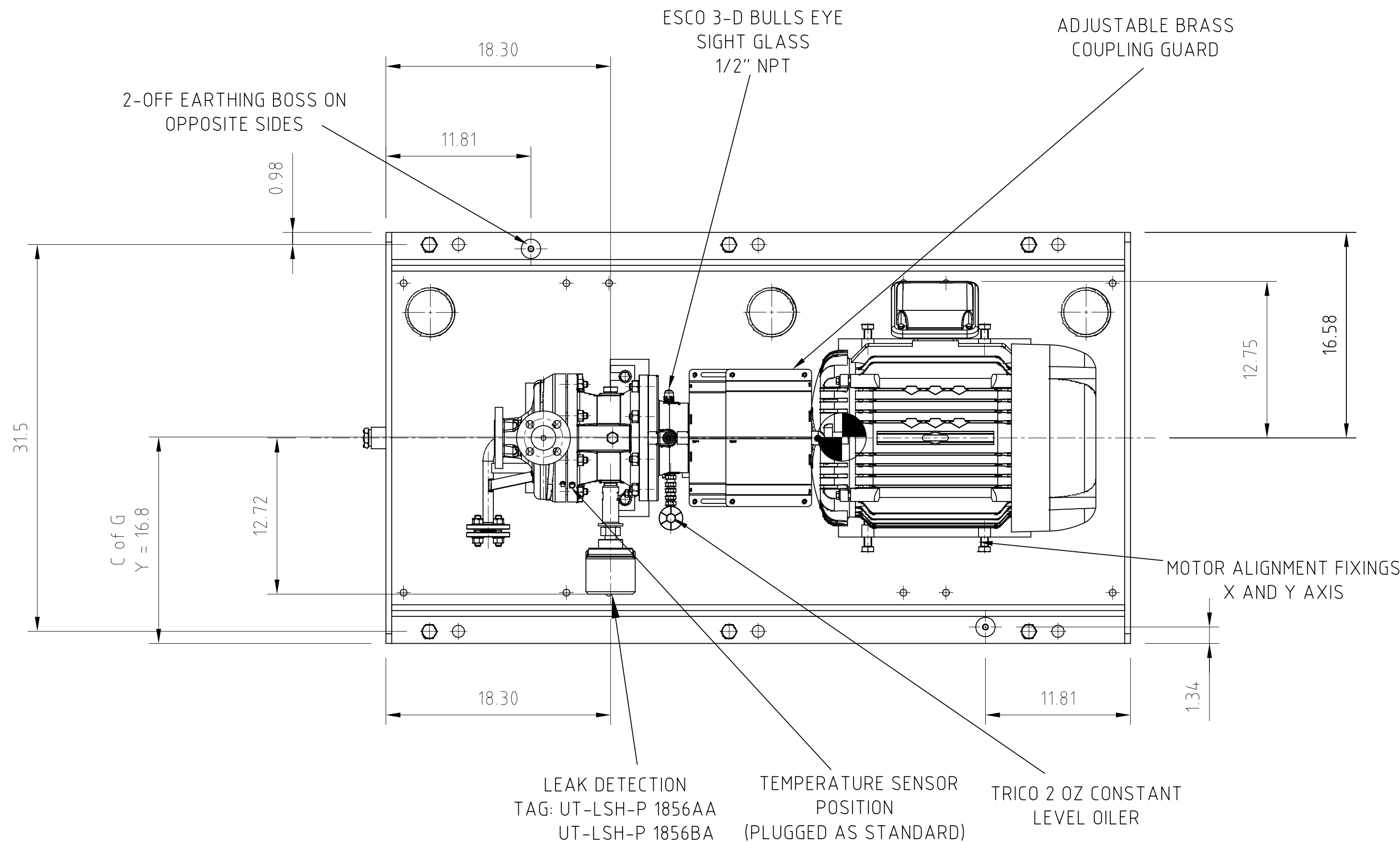




REFERENCE DRAWINGS:

- 1.Equipment Data Sheet with Predicted Performance Curve - EN207123-SNDYN9V3-00035
- 2.Cross Sectional Drawing & Parts List - EN207123-SNDYN-9V3-00007
- 3.Coupling Assembly Drawing & Parts List - EN207123-SNDYN-9V3-00029
4. Motor GAD - EN207123-SNDYN-9V3-000028
5. Motor Data Sheet - EN207123-SNDYN-9V3-00062

Size 80 Mesh recommended for suction strainer



ALL DIMENSIONS IN INCHES U.O.S

			HMD Sealless Pumps Hampton Park Industrial Estate, Eastbourne, East Sussex, BN22 9AN, England.			UK Tel: +44(0) 1323 452000 UK Fax: +44(0) 1323 503369 USA (Toll free) 888 504 8304							
HYDRAULIC		ITEM		CONNECTIONS			SERVICE						
		SIZE		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													
				1"					1.5"				
		FORCES (lbf)											
SUCTION	FX				1050								
	FY				1210								
	FZ				1210								
DISCHARGE	FX				800								
	FY				1350								
	FZ				3000								
		MOMENTS (ft.lbf)									NOTE: PUMP PRESSURE CASINGS ARE DESIGNED FOR THE VALUES STATED IN TABLE		
BOTH	MX				360				720				
	MY				360				190				
	MZ				360		190						
ELECTRIC MOTOR DETAILS													
MANUFACTURER			BALDOR										
RATING/FRAME			20 HP / 284TS										
ENCLOSURE			CL1 Div.2 Gr.A,B,C,D T3C										
SUPPLY/SPEED			460 V / 3~ / 60 Hz / 3500										
MTT (IF APPLICABLE)			N/A										
MTL (IF APPLICABLE)			12.75										
MTR (IF APPLICABLE)			N/A										
MOTOR LENGTH (ML)			26.56										
FLEXIBLE COUPLING DETAILS													
MANUFACTURER			METASTREAM										
SIZE TYPE			TSKS 13 - 100mm										
WEIGHTS		(lbs)											
PUMP		205											
MOTOR		873											
BASEPLATE		494											
ANCILLARIES		44											
TOTAL		1616											
NOTES:													
PROJECT NAME: WORLD ENERGY RENEWABLES PROJECT UNIT: UTILITIES AND OFFSHOTS FIREWATER PROJECT LOCATION: WORLD ENERGY, PARAMOUNT, CA, USA ENG. & PM.: FLUOR CLINET: WORLD ENERGY PARAMOUNT SERVICE: CAUSTIC DISTRIBUTION PUMPS WBS NO.: 1860													
CLIENT			AIR PRODUCTS MANUFACTURING LLC										
ORDER NUMBER			4505608736										
ITEM NUMBER			18-P-1856A/B										
HMD PUMP NUMBER			839914										
3	06/02/2023	REVISED REISSUE					GC						
2	30/11/2022	REVISED REISSUE					AFS						
1	05/07/2022	REVISED REISSUE					AN						
0	11/03/2022	INITIAL ISSUE					AFS						
ISS	DATE	CHANGE					AUTH						
CONTRACTS ISSUE NUMBER													
INTERNAL USE ONLY													
04	02/02/23	CN2023/018				KCM	ARM						
03	26/08/22	CN2022/200				KCM	JF						
02	07/06/22	CN2022/119				KCM	ARM						
01	09/03/22	INITIAL ISSUE				KCM	JF						
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													
X13697													
ISSUE: 04		REVISION:				SHEET No. 1 OF 1							

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SCALE 1:10
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