DRAWING No.
BD9877

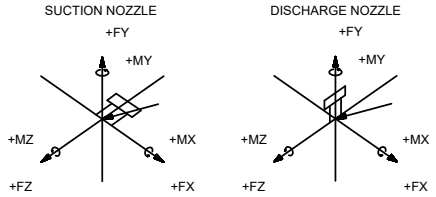
Provide nameplate data. Reference World Energy tags.
Label all nozzles per P&ID
Specify clearances for O&M of mixer
Specify any requirements for piping layout
Provide part numbers for assembly

REV.	MODIFICATIONS	DATE
A	THERMOSYPHON MOUNTED ON SEPARATE STAND, TAGS NO.S ADDED AS REQUESTED	22/09/2021
B	STAND UPDATED TO 2m HIGH STANCHION (FIXED MOUNTING POSITION)	12/01/2022
C	NOZZLE LOAD DETAILS & THERMOSYPHON ANCHOR DETAILS ADDED TO DRAWING	16/03/2022

NOTE:-
- MAXIMUM WORKING PRESSURE NOT IN EXCESS OF 150PSI
- DETAIL ARRANGEMENT DRG NO:- BD9878
- THE CHAMBER BETWEEN THE SEALS TO BE FLUSHED WITH A PRODUCT COMPATIBLE FLUID AT A PRESSURE OF AT LEAST 2 BAR IN EXCESS OF THE MAXIMUM ENVISAGED SYSTEM PRESSURE.

PROJECT - WORPAR
ITEM NBR - W504AC1/1.1-W504AC1/1.2
W504AC1/2.1-W504AC1/2.2
eB NBR - 100203773.002
DATE - 13.05.2022

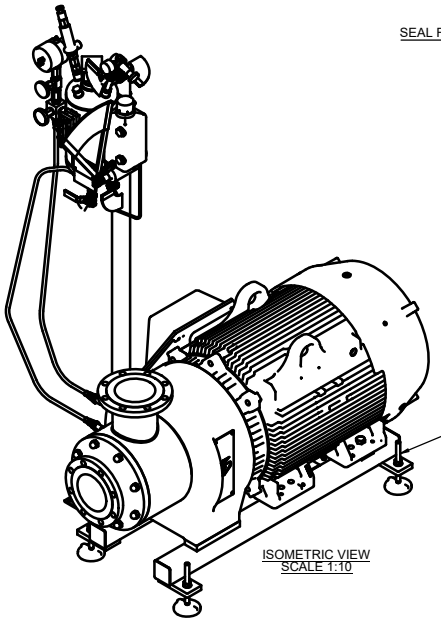
TYPE OF NOZZLE LOADING	EXTERNAL PIPING LOADS (ACTIONS)					
	FORCES (LB)			MOMENTS (FT-LB)		
	FX	FY	FZ	MX	MY	MZ
SUCTION						
GRAVITY	10	-70	130	60	25	20
MAX OPERATING (GRAV + DESIGN TEMP & PRES.)	180	-130	500	280	800	550
DISCHARGE						
GRAVITY	20	-220	100	10	20	10
MAX OPERATING (GRAV + DESIGN TEMP & PRES.)	60	-145	290	200	300	100

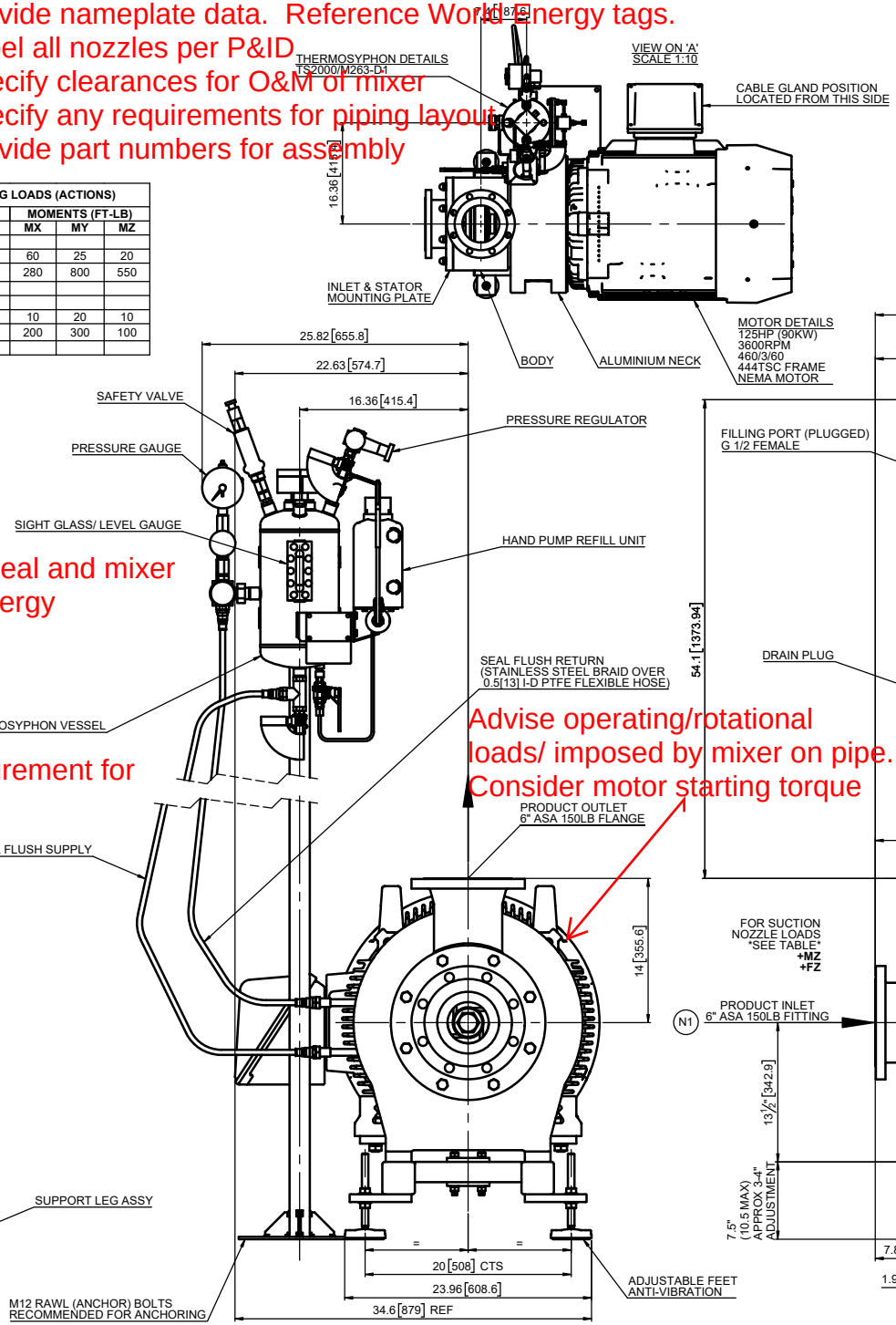


Witnessed performance test for seal and mixer operation requested by World Energy

DESMET TAG	WEP TAG
W504AC1/1.1	19-D-750A
W504AC1/1.2	19-D-850A
W504AC1/2.1	19-D-750B
W504AC1/2.2	19-D-850B

Provide baseline vibration measurement for acceptance approval.





Advise operating/rotational loads/ imposed by mixer on pipe. Consider motor starting torque

Advise coupling/support details for C-face motor.

Project: WORPAR

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ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
Fractional Dimensions ± 1/64"
Angular Dimensions ± 0.5°
Unless Otherwise Stated

MATERIAL: REFER TO ORDER
FINISH:

DRAWN: LS | DATE: 28-07-21 | CHECKED: AKL | SCALE: 1:6 | WEIGHT: - kg

TITLE:
LAYOUT OF 800LS
WITH DOUBLE T2 SEALS, 6" ASA 150 PSI
& 125HP 444TSC NEMA MOTOR W/ THERMOSYPHON

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JOB No.

DRAWING No. BD9877

REVISION C