DRAWING No.
BD9877

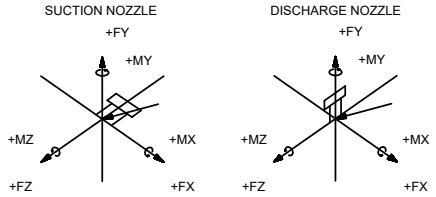
Provide nameplate data. Reference World Energy tags.
Label all nozzles per P&ID
Specify clearances for O&M of mixer
Specify any requirements for piping layout
Provide part numbers for assembly

| 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

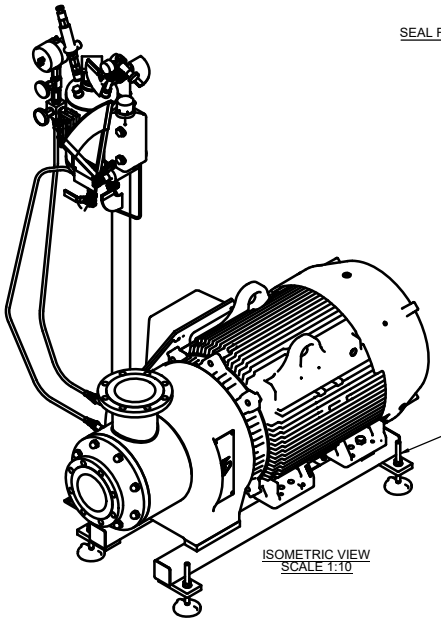
| TYPE OF NOZZLE LOADING | EXTERNAL PIPING LOADS (ACTIONS) | | | | | |
|---|---|---|---|---|---|---|
| | FORCES (LB) | | | MOMENTS (FT-LB) | | |
| | FX | FY | FZ | MX | MY | MZ |
| **SUCTION** | | | | | | |
| GRAVITY | 10 | -70 | 130 | 60 | 25 | 20 |
| MAX OPERATING (GRAV + DESIGN TEMP & PRES.) | 180 | -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 |
| | | | | | | |

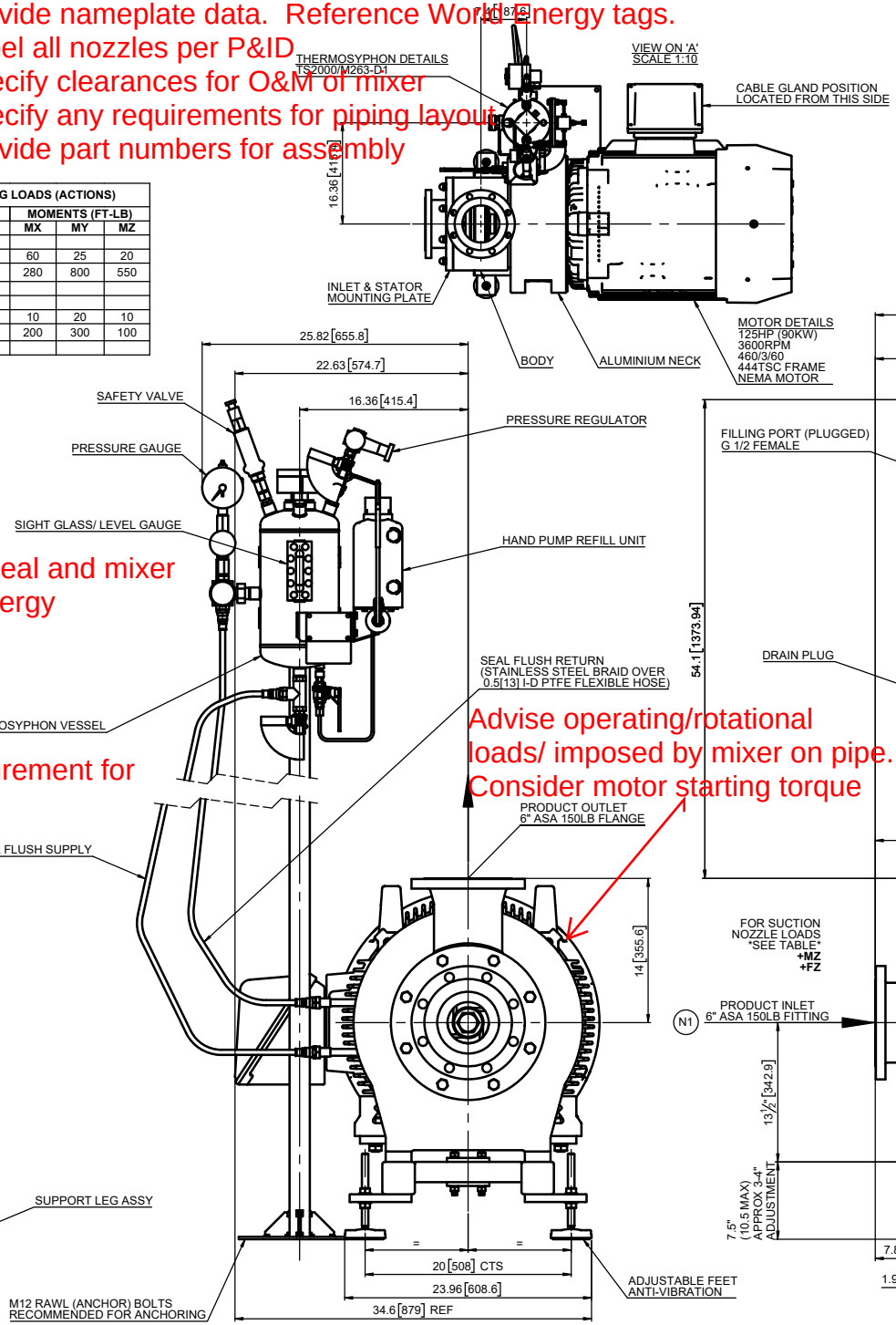



Witnessed performance test for seal and mixer operation requested by World Energy

| 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