Base Load Power Hub (BLPH)

GENERAL ARRANGEMENT AND DIMENSIONAL OUTLINE DRAWINGS (INCLUDING : NAMEPLATE, BASEFRAME, SEAL SYSTEMS, FOUNDATION LOADS, NOZZLES LOADS, BATTERY LIMITS, LIFTING DETAILS) For Sea Water Lift Progressive Cavity Pumps (P-50001 A/B)

Document Number: 1724000936-MAC-DA-00004

Document Class: 2

03	17/10/2024	Accepted for Construction (AFC)	APD	GLL	AHN
02	06/08/2024	Issue for Review (IFR)	APD	GLL	AHN
01	15/07/2024	Issue for Review (IFR)	APD	GLL	AHN
00	10/06/2024	Issue for Review (IFR)	APD	GLL	AHN
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	Issue for Review (IFR)
01	Issue for Review (IFR)
02	Issue for Review (IFR)
03	Accepted for Construction (AFC)

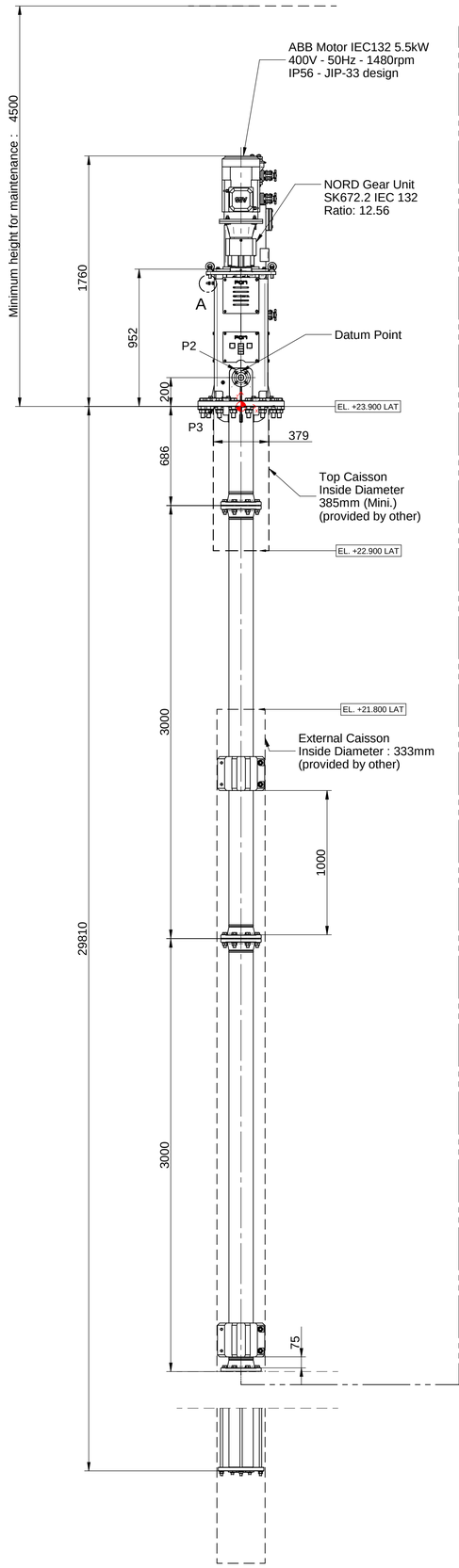
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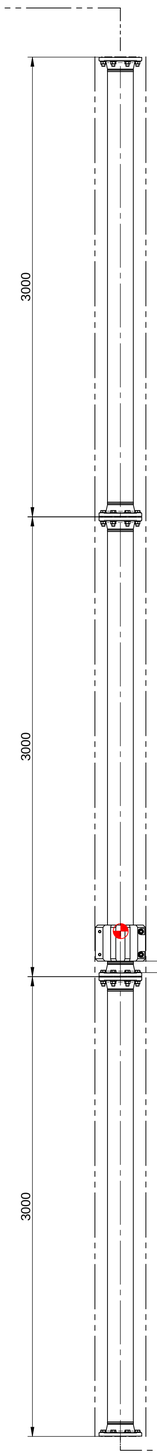
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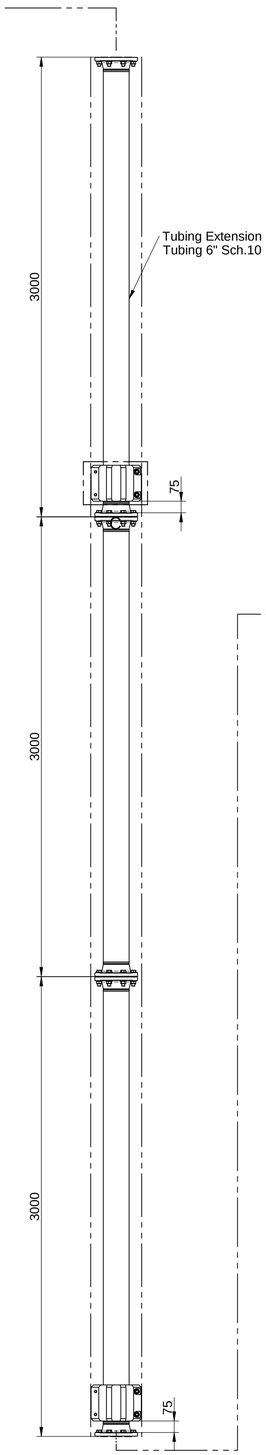
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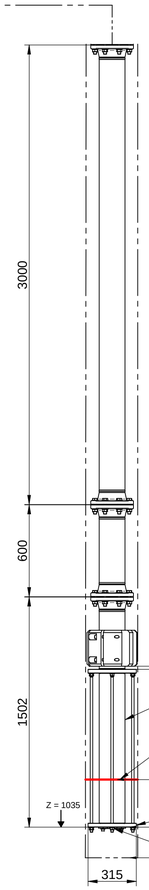
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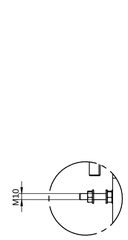
REV. 03



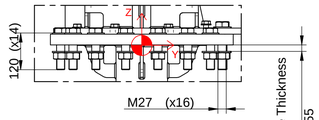




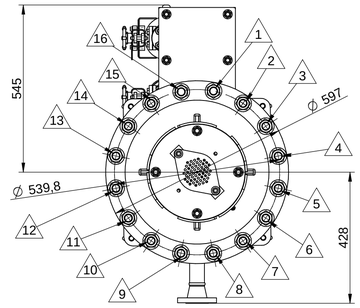




DETAIL A
(x2)
EARTHING DETAILS

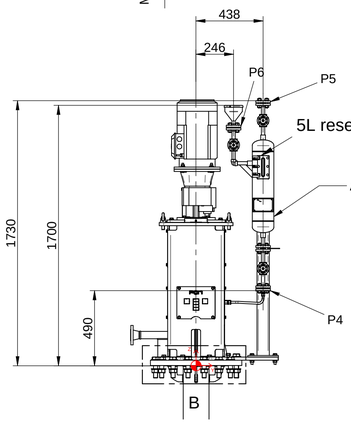


DETAIL B
MOUNTING DETAILS

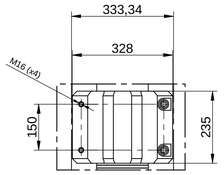


BOTTOM VIEW

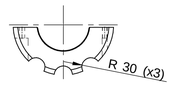
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2	2510 (Compression)
3	2510 (Compression)
4	2510 (Compression)
5	2510 (Compression)
6	2510 (Compression)
7	2510 (Compression)
8	2510 (Compression)
9	2510 (Compression)
10	2510 (Compression)
11	2510 (Compression)
12	2510 (Compression)
13	2510 (Compression)
14	2510 (Compression)
15	2510 (Compression)
16	2510 (Compression)



SEAL SYSTEM API PLAN 51



DETAIL C
CENTRALIZERS (x6)



Note :
Grooves to allow
byocide entry.

	C.O.G
X	7
Y	-1
Z	-12398

WEIGHT	
Total dry	1967 kg
Operating	4072 kg
Details for maintenance	
Pump Casing	230 kg
Pump Trunk	242 kg
Pump Extensions (x9)	130 kg
Pump Shaft Line	30 kg
Motor	81 kg
Gearbox	26 kg
Stator	33 kg
Rotor	16 kg
Coupling	25 kg
Seal System + Stand	54 kg
Centralizers (x6)	10 kg

Nozzle list					Allowable Nozzle Load (API 676)					
					Forces (kN)			Moments (N.m)		
N°	Size	Material	Rating	Service	Fx	Fy	Fz	Mx	My	Mz
P1	-	Super Duplex	strainer	Suction	-	-	-	-	-	-
P2	1"1/2	Super Duplex	150# RF	Discharge	0.65	0.65	0.65	350	350	350
P3	16"	Super Duplex	150# RF	Mounting	5.20	5.20	5.20	2800	2800	2800
P4	1/2"	SS 316L	300# RF	To Quench	-	-	-	-	-	-
P5	1/2"	SS 316L	300# RF	P51 Fill	-	-	-	-	-	-
P6	1/2"	SS 316L	300# RF	P51 Vent	-	-	-	-	-	-

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N° [Manufacturing Unique Serial Number]

CE Made in France

Item 317873

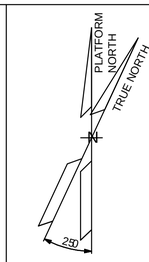
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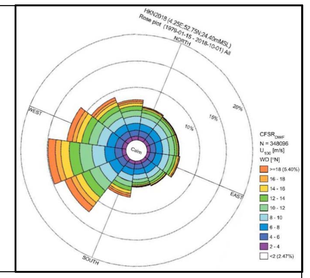
Mod 25A24 2024

Ref P-5001A/B

8 boulevard Bineau - 92300 Levallois-Perret - FRANCE www.pcm.eu

Manufacturer: PCM EUROPE SAS





NOTES

Dimensions tolerances as per ISO2768 vK.

API Plan 13 is provided to vent the mechanical seal of vertical pumps. Tubing made in Stainless Steel 316L.

LEGEND

Z = Minimum distance for stator dismantling.

HOLDS

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	17/10/24	APD	GLL	AHN	ACCEPTED FOR CONSTRUCTION (AFC)
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01	15/07/24	APD	GLL	AHN	ISSUE FOR CLIENT REVIEW (ICR)
00	10/06/24	APD	GLL	AHN	ISSUE FOR CLIENT REVIEW (ICR)

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CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)

GENERAL ARRANGEMENT AND DIMENSIONAL OUTLINE DRAWINGS

(INCLUDING : NAMEPLATE, BASEFRAME, SEAL SYSTEMS, FOUNDATION LOADS, NOZZLES LOADS, BATTERY LIMITS, LIFTING DETAILS)

CONTRACT NO./TITLE : CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE 1:20

DRAWN APD | CHECKED GLL | APPROVED AHN | DATE 17/10/24

A1

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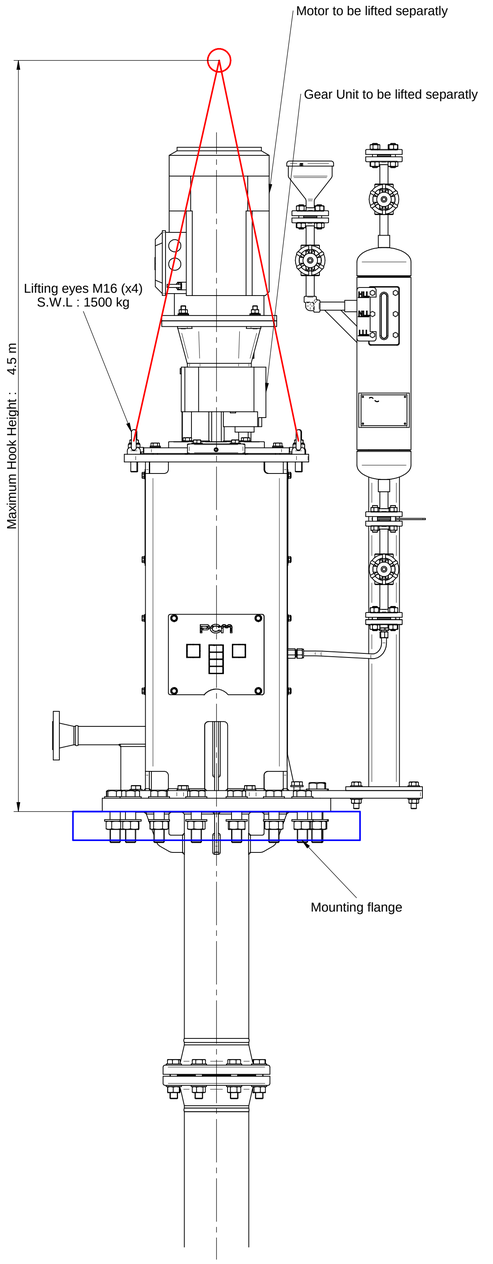
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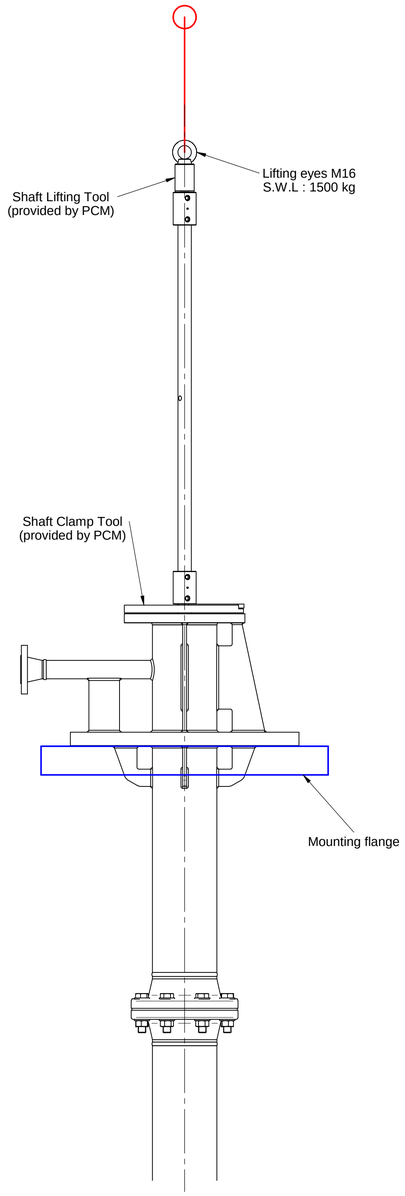
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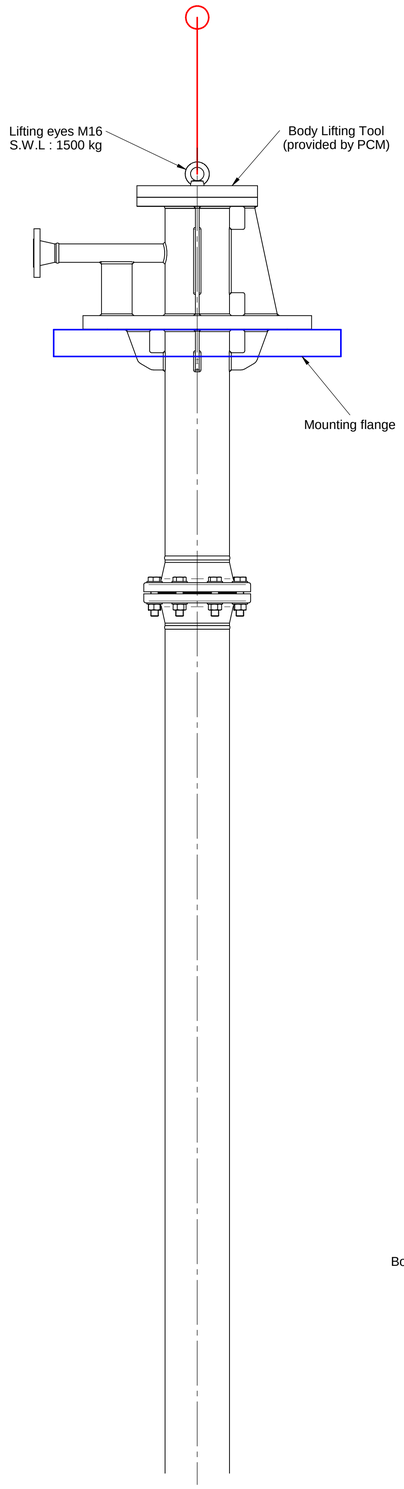
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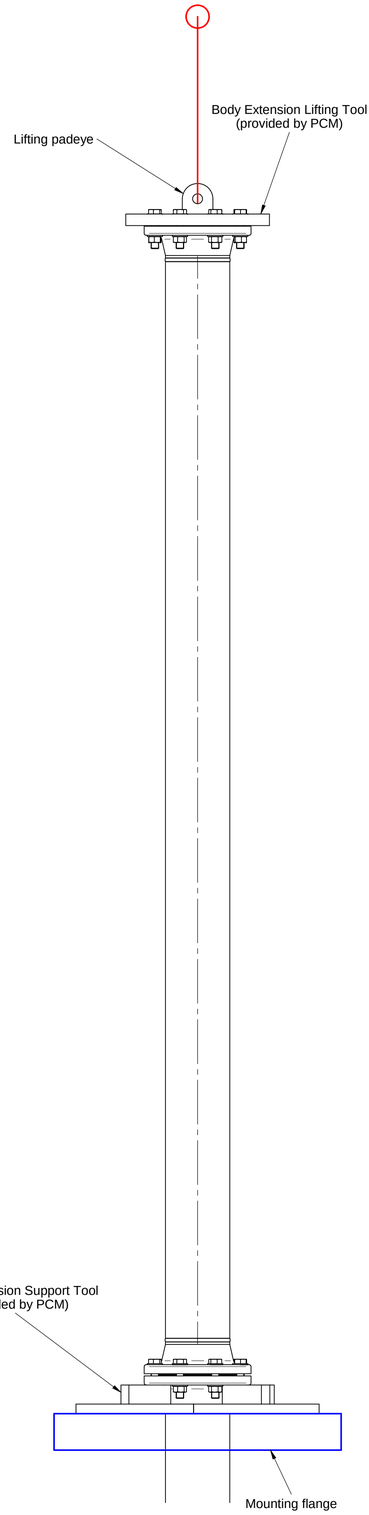


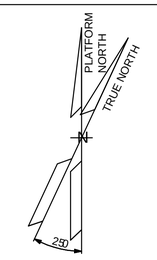
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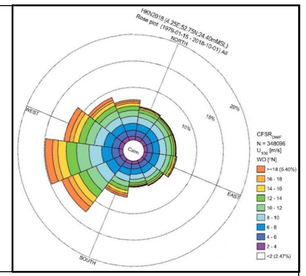


LIFTING DETAILS : BODY & BODY EXTENSION









NOTES

Document Reference:
INSTALLATION, OPERATING AND MAINTENANCE MANUAL (PUMP AND MOTOR, INCLUDING SITE ERECTION INSTRUCTIONS AND PROCEDURES)

Document number: 1724000936-MAC-MAN-00031

LEGEND

HOLDS

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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	17/10/24	APD	GLL	AHN	ACCEPTED FOR CONSTRUCTION (AFC)
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00	10/06/24	APD	GLL	AHN	ISSUE FOR CLIENT REVIEW (ICR)

CROSSWIND

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CONTRACT NO./TITLE : CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE 1:8

DRAWN APD | CHECKED GLL | APPROVED AHN | DATE 17/10/24

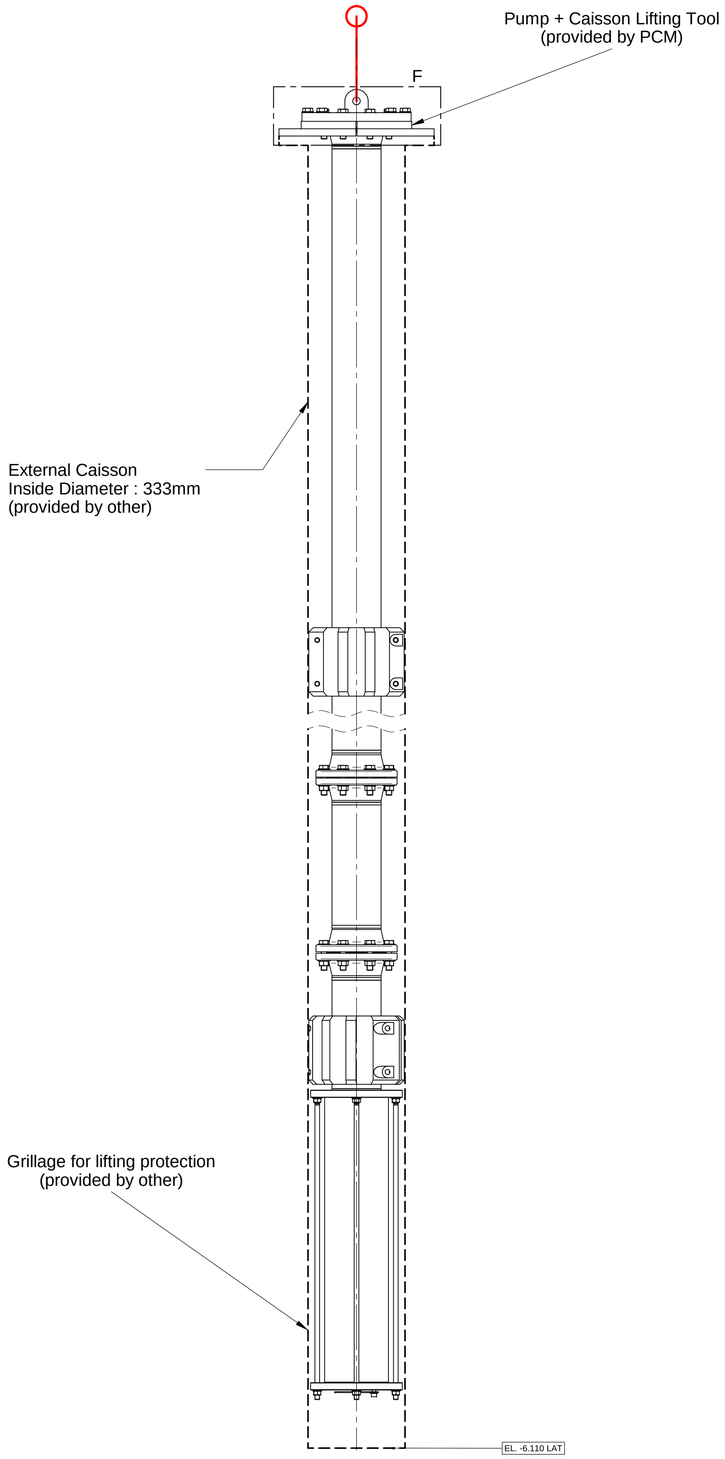
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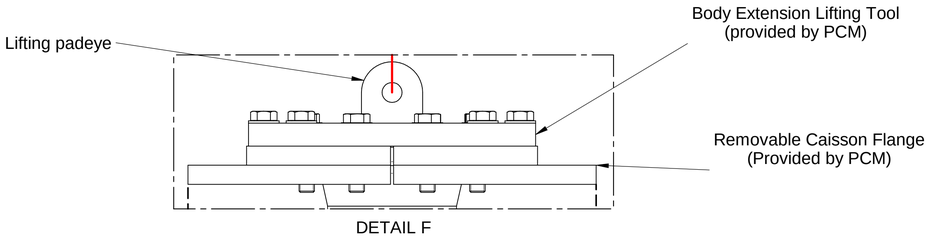
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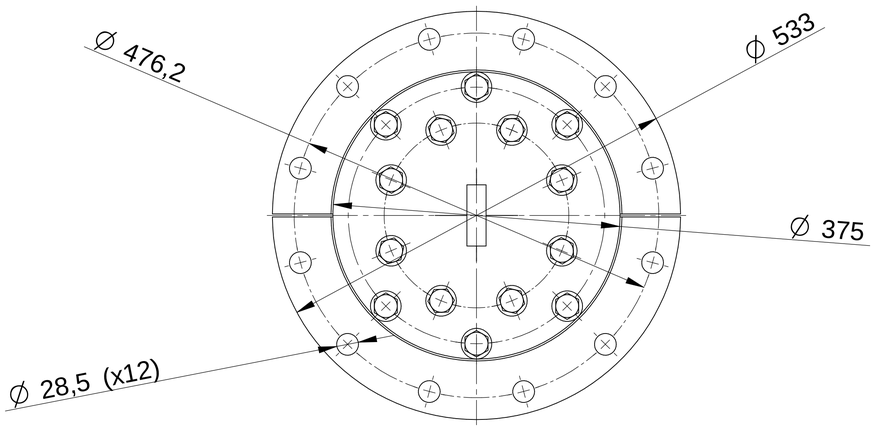
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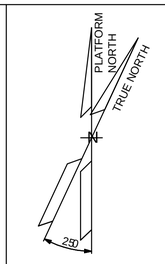
LIFTING DETAILS : PUMP + CAISSON

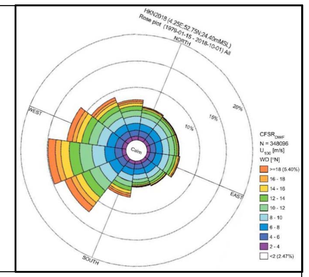




DETAIL F







NOTES

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Document number: 1724000936-MAC-MAN-00031

LEGEND

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DRAWN APD	CHECKED GLL	APPROVED AHN	DATE 17/10/24
A1	DRAWING NO. 1724000936-MAC-DA-00004	SHEET 05	REV. 03

File Name : 1724000936-MAC-DA-00004