CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	CROSS SECTIONAL DRAWING	Sheet 1 of 5 Date: 23/08/2024 Rev: 00

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
	02-09-2024

Base Load Power Hub (BLPH)

PUMP CROSS SECTIONAL DRAWING AND BILL OF MATERIAL
For Sea Water Lift Progressive Cavity Pumps (P-50001 A/B)

Document Number: 1724000936-MAC-DD-00006

Document Class: 2

01	23/08/2024	Issue for Information (IFI)	APD	GLL	AHN
00	24/07/2024	Issue for Information (IFI)	APD	GLL	AHN
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	Issue for Information (IFI)
01	Issue for Information (IFI)

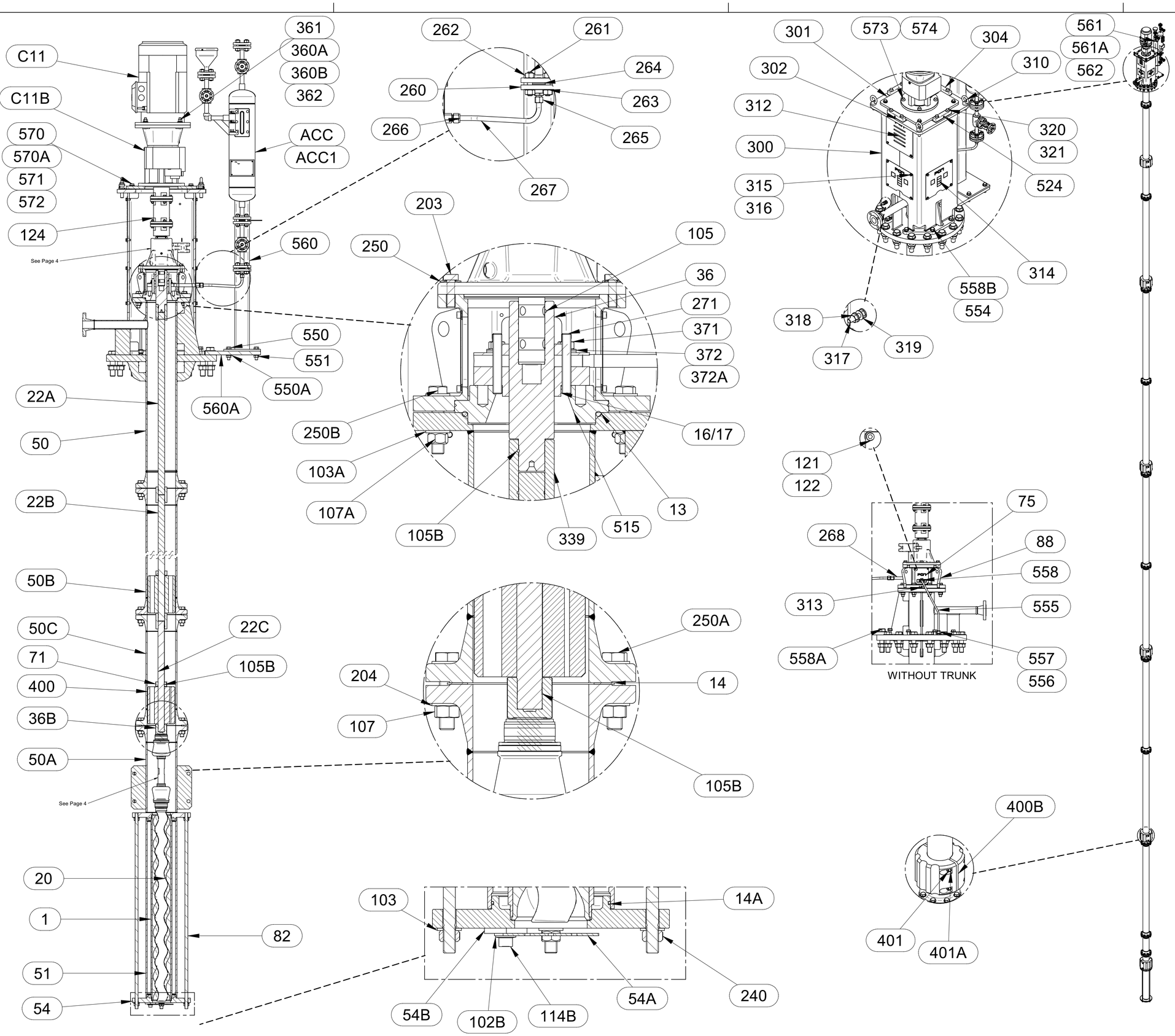
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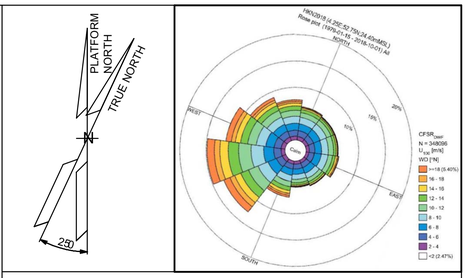
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REV. 01





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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	23/08/24	APD	GLL	AHN	ISSUE FOR INFORMATION (IFI)
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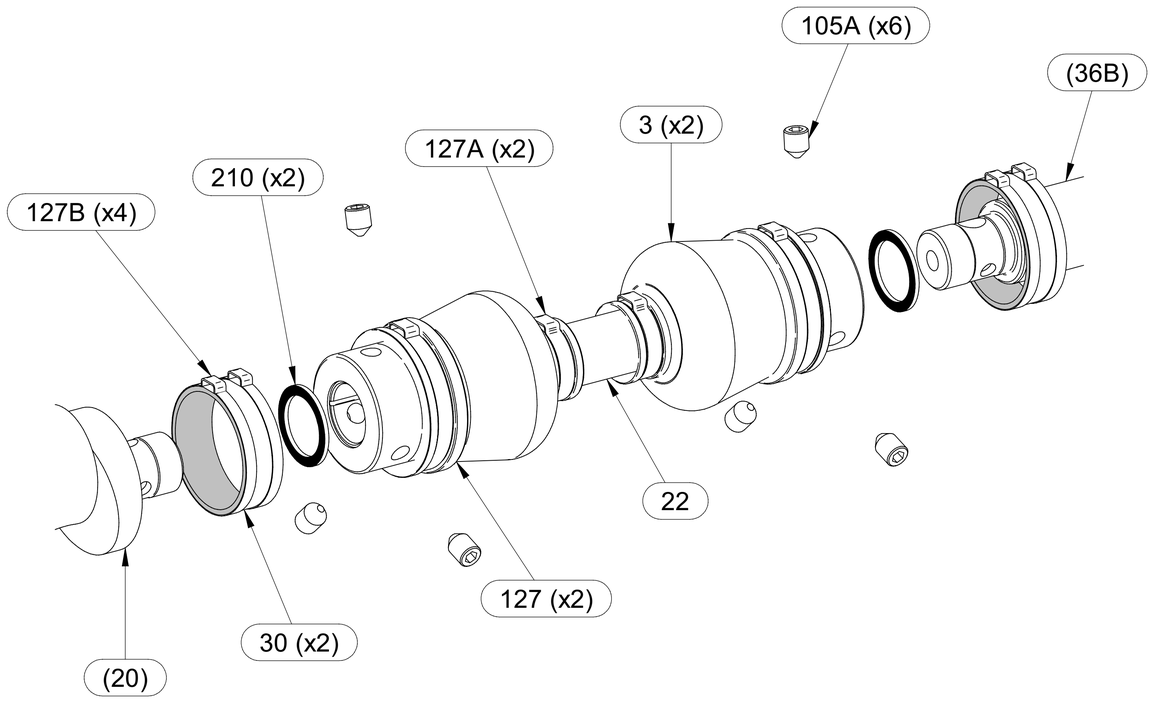
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BASE LOAD POWER HUB (BLPH)
PUMP CROSS SECTIONAL DRAWING AND BILL OF MATERIAL
(INCLUDING SPEED REDUCER)

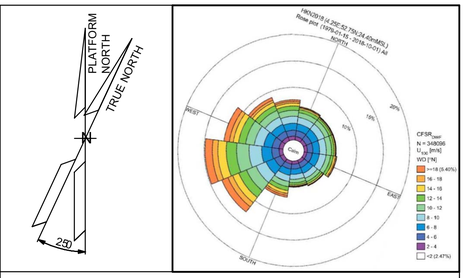
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DRAWN APD	CHECKED GLL	APPROVED AHN	DATE 23/08/24
A1	DRAWING NO. 1724000936-MAC-DD-00006	SHEET	REV. 01

File Name : 1724000936-MAC-DD-00006

DRAWING NO. 1724000936-MAC-DD-0000

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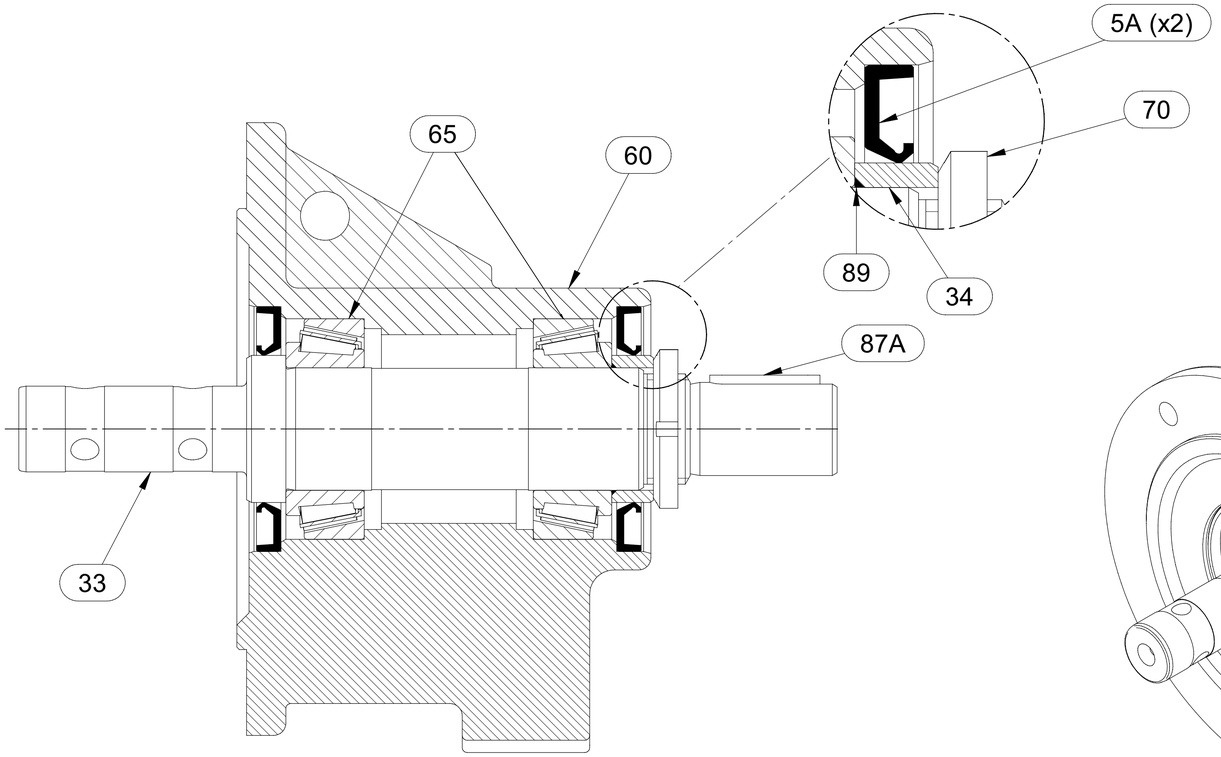


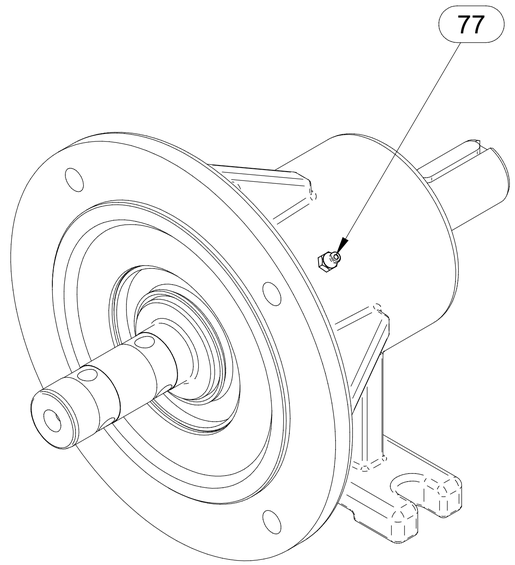


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00	24/07/24	APD	GLL	AHN	ISSUE FOR CLIENT REVIEW (ICR)

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TITLE : BASE LOAD POWER HUB (BLPH)

PUMP CROSS SECTIONAL DRAWING AND BILL OF MATERIAL

(INCLUDING SPEED REDUCER)

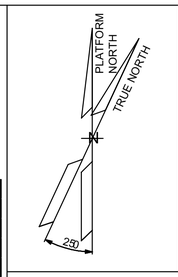
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DRAWN APD	CHECKED GLL	APPROVED AHN	DATE 23/08/24
A1	DRAWING NO. 1724000936-MAC-DD-00006	SHEET	REV. 01

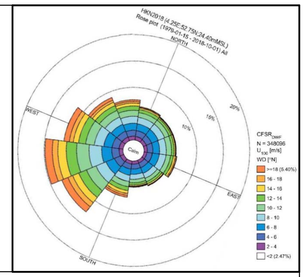
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DRAWING NO. 1724000936-MAC-DD-0000

REV. 01

N°	Reference	Designation	Material	Qty	Spare parts code
1	77418-1646	STATOR 20I16 25700	NBR	1	STA00071
3	T030004160	SHEATH C6 C7 M6 M7 160	NBR	2	NM-1374-PR
5A	C09070P160	ROTARY SEAL A 60X100X10	NBR	2	-
13	40687-160	O-RING 170.82X6.99	NBR	1	NM-2893-PR
14	C09002T118	FLANGE GASKET 6 CL150	Synthetic Fiber + NBR	11	-
14A	45892-160	O RING 152X3.53	NBR	2	NM-4290-PR
16/17	DIGIAN-392481-01	MECHANICAL SEAL	DSS S31803 - NBR	1	DIGIAN-392481-01
20	M-001931A257TS	ROTOR 25-4P-E10 R1 C M	SDSS - UNS S32760	1	M-001931A257
22	NM-1363	N006LA C7M E-CTFE NBR	NBR / Halar	1	NM-1363-PR
22A	W-008209257	EXTENSION FIX D35 988 AV7	SDSS - UNS S32760	1	-
22B	W-004958300257	EXTENSION SHAFT D35 AV7	SDSS - UNS S32760	9	-
22C	W-004958060257	EXTENSION SHAFT D35 AV7	SDSS - UNS S32760	1	-
30	M-002023209	SHEATH OF PROTECTION C6C7	NBR	2	NM-3384-PR
33	M-001300018	BEARING SHAFT C6C7 D35D38	SS431	1	-
34	28093-043	SHAFT RING D50	Steel C35E	1	-
36	W-004571020	DRIVING SHAFT D60 AV6-7	DSS - S31803	1	-
36B	W-004946257	REDUCED DRIVING SHAFT AV7	SDSS - UNS S32760	1	-
50	W-008202257WP	BODY 6IN AV7	SDSS - UNS S32760	1	-
50A	W-008199257WP	STATOR PIPING 25AV24	SDSS - UNS S32760	1	-
50B	W-004942300257WP	EXTENSION BODY 6IN AV7	SDSS - UNS S32760	9	-
50C	W-004942060257WP	EXTENSION BODY 6IN AV7	SDSS - UNS S32760	1	-
51	W-008200257	STATOR CASING 25AV24	SDSS - UNS S32760	1	-
54	W-008198257	PIPE STATOR 25AV24	SDSS - UNS S32760	1	-
54A	W-008189257T	FLAT STRAINER 25AV AV7	SDSS - UNS S32760	1	-
54B	N-108928257T	PLAT PERCE 7MM	SDSS - UNS S32760	2	-
60	T600004051	BEARING HOUSING F215 M6M7	Cast iron	1	-
65	40121-000	BEARING 33210A	-	2	-
70	40102-043	NUT KM M45	Steel C35E	1	-
71	W-004947257	CENTERING END STOP D35	SDSS - UNS S32760	11	-
75	W-007587014	GUARD AV7	SS316L	4	-
77	C10002C000	GREASE ZERK M8X1.25	-	1	-
82	C06177W257T	STUD M16 BM40-1023	SDSS - UNS S32550	4	-
87A	40751-046	KEY A SHAPE 10X8X45	Steel C45E	1	-
88	W-007527274	STRONG SPACER AV7	CS A570 gr. 50	1	-
89	C09035C160	O-RING 50X2.5	NBR	1	-
102B	C06029G257T	WASHER CS12 M	SDSS - UNS S32550	2	-
103	C06001I257T	WASHER M16 200HV	SDSS - UNS S32550	8	-
103A	C06001I014	WASHER M16 200HV	SS316L (A4-70 fatsener)	16	-
105	C06125C020	SCREW HC M12-16 TR	DSS - S31803	3	-
105A	C06125C014	SCREW HC M12-16 TR	SS316L (A4-70 fatsener)	6	NM-1374-PR
105B	C06125C257T	SCREW HC M12-16 TR	SDSS - UNS S32550	81	-
107	C06002J257	HEX NUT H M20	SDSS - UNS S32550	88	-
107A	C06002I014	HEX NUT H M16	SS316L (A4-70 fatsener)	8	-
114B	C06016D257TS	SCREW CHC M12-30	SDSS - UNS S32550	2	-
114C	C06240E257	SCREW HC M12-25 CU	SDSS - UNS S32550	2	-
121	C06162C087	CAPTIVE WASHER M5	PETP	16	-
122	C06004F010	SCREW CHC M5-10	SS304 (A2-70 fatsener)	16	-
124	C15099J000	CPG. API610 38X60 35X70	-	1	-
127	C01042Z014	EAR CLAMP D78.3-81.5	SS316L	2	NM-1374-PR
127A	C01042P014	EAR CLAMP D42.3-45.5	SS316L	2	NM-1374-PR
127B	C01042U014	EAR CLAMP D66.3-69.5	SS316L	4	NM-3384-PR
203	C06015E014	SCREW H M12-35	SS316L (A4-70 fatsener)	4	-
204	C06001J257	WASHER M20 200HV	SDSS - UNS S32550	176	-
210	M-002022NBR	GASKET D36XD46X2	NBR	2	NM-3384-PR
240	C06002I257T	HEX NUT H M16	SDSS - UNS S32550	8	-
250	C06029G014	WASHER CS12 M	SS316L (A4-70 fatsener)	4	-
250A	C06203J257TS	SCREW H M20-90	SDSS - UNS S32550	88	-
250B	40371-014	SCREW H M16-80	SS316L (A4-70 fatsener)	8	-
260	N-104597014	FLANGE 1-2 300 3-8 NPT	SS316L	1	-
261	W-007229014	THREADED STUD M12 X 80	SS316L (A4-70 fatsener)	4	-
262	C06002G014	HEX NUT H M12	SS316L (A4-70 fatsener)	8	-
263	C06001G014	WASHER M12 200HV	SS316L (A4-70 fatsener)	8	-
264	C09131A014	SPIRAL WOUND GASKET 1-2IN	SS316L	1	-
265	C14259S014T	UNION MALE 3-8NPT - 1-2IN	SS316L	1	-
266	C14260S014T	UNION FEM. 3-8NPT - 1-2IN	SS316L	1	-
267	F-000335014T	TUBE 1-2IN OD 316L	SS316L	-	-
268	W-003825014	NIPPLE 3-8 NPT	SS316L	1	-
271	W-007229014	THREADED STUD M12 X 80	SS316L (A4-70 fatsener)	4	-
300	W-008268046	TRUNK AV6/7 SHAFT 16IN	CS C15	1	-
301	W-008089014	GEARBOX PLATE AV6/7 D250	SS316L	1	-
302	W-007034014T	SETTING SHIMS AV5	SS316L	4	-
304	W-007035014T	STOP SETTING AV5	SS316L	4	-
310	C02004K014	LIFTING EYE BOLT M16-L46	SS316L	4	-
312	W-008091073	SUP TRUNK COVER AV7	Brass	2	-
313	C06176E014	SCREW HC M5-12 TR	SS316L (A4-70 fatsener)	2	-
314	W-008092073	MS TRUNK COVER AV7	Brass	4	-
315	C06029E014	WASHER CS8 M	SS316L (A4-70 fatsener)	24	-
316	C06032A014	SCREW H M8-20	SS316L (A4-70 fatsener)	24	-
317	W-003790014	THREADED STUD M10 X 55	SS316L (A4-70 fatsener)	2	-
318	C06002F014	HEX NUT H M10	SS316L (A4-70 fatsener)	4	-
319	C06001F014	WASHER M10 200HV	SS316L (A4-70 fatsener)	6	-
320	C06001G014	WASHER M12 200HV	SS316L (A4-70 fatsener)	8	-
321	C06015G014	SCREW H M12-45-30	SS316L (A4-70 fatsener)	8	-
339	W-004945257	EXTENSION JUNCTIOND35 AV7	SDSS - UNS S32760	11	-
360A	C06001G014	WASHER M12 200HV	SS316L (A4-70 fatsener)	4	-
360B	C06029G014	WASHER CS12 M	SS316L (A4-70 fatsener)	4	-
361	W-005833014	THREADED STUD M12 X 60	SS316L (A4-70 fatsener)	4	-
362	C06002G014	HEX NUT H M12	SS316L (A4-70 fatsener)	4	-
371	C06002G014	HEX NUT H M12	SS316L (A4-70 fatsener)	4	-
372	C06001G014	WASHER M12 200HV	SS316L (A4-70 fatsener)	4	-
372A	C06029G014	WASHER CS12 M	SS316L (A4-70 fatsener)	4	-
400	W-004957078	CENTRALIZER D35 AV7	POM H	11	-
400B	N-108969099	EXTERNAL CENTRALIZER AV7	PA 66	12	-
401	C06034P257T	SCREW CHC M16-90-44	SDSS - UNS S32760	24	-
401A	C06001I257T	WASHER M16 200HV	SDSS - UNS S32550	24	-
515	W-008207257	MS SUPORT D90 AV7	SDSS - UNS S32760	1	-
524	C06106H014	SCREW HC M12-40	SS316L (A4-70 fatsener)	4	-
550	C06095C014	SCREW H M14-60-34	SS316L (A4-70 fatsener)	4	-
550A	C06001H014T	WASHER M14 200HV	SS316L (A4-70 fatsener)	8	-
551	C06002H014T	HEX NUT H M14	SS316L (A4-70 fatsener)	4	-
554	C06001I014	WASHER M16 200HV	SS316L (A4-70 fatsener)	8	-
555	45868-014T	TUBE D10 EP.1	SS316L (A4-70 fatsener)	-	-
556	W-004064014	FLOW RESTRICTION 2MM	SS316L (A4-70 fatsener)	1	-
557	C14259B014	UNION MALE 3-8NPT - D10	SS316L (A4-70 fatsener)	1	-
558	C14260B014	UNION FEM. 3-8NPT - D10	SS316L (A4-70 fatsener)	1	-
558A	C06131K014	SCREW H M16-60	SS316L (A4-70 fatsener)	2	-
558B	C06131H014	SCREW H M16-50	SS316L (A4-70 fatsener)	6	-
560	W-008269014	API PLAN 51 SUPPORT	SS316L	1	-
560A	W-008270014	API PLAN 51 FOOT SUPPORT	SS316L	1	-
561	W-007229014	THREADED STUD M12 X 80	SS316L (A4-70 fatsener)	2	-
561A	C06001G014	WASHER M12 200HV	SS316L (A4-70 fatsener)	4	-
562	C06002G014	HEX NUT H M12	SS316L (A4-70 fatsener)	4	-
570	C06001G014	WASHER M12 200HV	SS316L (A4-70 fatsener)	8	-
570A	C06029G014	WASHER CS12 M	SS316L (A4-70 fatsener)	4	-
571	C06002G014	HEX NUT H M12	SS316L (A4-70 fatsener)	4	-
572	C06015K014	SCREW H M12-65-30	SS316L (A4-70 fatsener)	4	-
573	C06001G014	WASHER M12 200HV	SS316L (A4-70 fatsener)	4	-
574	C06015F014	SCREW H M12-40	SS316L (A4-70 fatsener)	4	-
ACC	DI317873-02	API PLAN 51	SS316L (A4-70 fatsener)	1	-
ACC1	DI317873-03	HEATING JACKET P51	-	1	-
C11B	FGAHXCG1256CEAA	RED SK672.1F 132	Cast Aluminum	1	-
C11	DI317873-01	MOTOR 5.5KW	Cast iron	1	-





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CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)

PUMP CROSS SECTIONAL DRAWING AND BILL OF MATERIAL

(INCLUDING SPEED REDUCER)

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

DRAWN APD | CHECKED GLL | APPROVED AHN | DATE 23/08/24

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