Base Load Power Hub (BLPH)

ELECTRICAL LOAD LIST
For Sea Water Lift Progressive Cavity Pumps (P-50001 A/B)

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Rev.	Date	Description	Prepared	Reviewed	Approved

PCM | keep it moving

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Revision / Change Log

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

HOLDS LIST

No.	Description
1	
2	
3	
4	

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Pump Tag: P-50001 A

Motor Consumption List:

Motor tag	Description	Volt	Phase	Frequency	Rated power	Efficiency	Power factor	Rated current
PM-50001 A	Squirrel cage induction motor	400 +/- 5% V	3 Ph	50 +/- 2% Hz	5.5 kW	89.6%	0.74	11.9 A

Heating Jacket Consumption List:

Power Supply Line	Description	Supply voltage	Operating Current	Starting Current	Operating Power	Starting Power
ETB-200N1-20-L1-01A	JB with included thermostat	230 Vac	2.3 A	2.9 A	526 W	667 W
H-ETE-200N1-20-L1-01A	Heat Tracing Cables	230 Vac	2.3 A	2.9 A	526 W	667 W

Heat Tracing Power Cable Consumption List:

Cable tag	Description	Voltage	Operating Current	Starting current	Cable Formation	Cable Outer Diameter	Cable Gland
P-ETB-200N1-20-L1-01A	Heat Tracing Power Cable	230 V	2.3 A	2.9 A	3G6 unarmored	16.2 mm	M25

Pump Tag: P-50001 B

Motor Consumption List:

Motor tag	Description	Volt	Phase	Frequency	Rated power	Efficiency	Power factor	Rated current
PM-50001 B	Squirrel cage induction motor	400 +/- 5% V	3 Ph	50 +/- 2% Hz	5.5 kW	89.6%	0.74	11.9 A

Heating Jacket Consumption List:

Power Supply Line	Description	Supply voltage	Operating Current	Starting Current	Operating Power	Starting Power
ETB-200N1-20-L1-01B	JB with included thermostat	230 Vac	2.3 A	2.9 A	526 W	667 W
H-ETE-200N1-20-L1-01B	Heat- Tracing Cables	230 Vac	2.3 A	2.9 A	526 W	667 W

Heat Tracing Power Cable Consumption List:

Cable tag	Description	Voltage	Operating Current	Starting current	Cable Formation	Cable Outer Diameter	Cable Gland
P-ETB-200N1-20-L1-01B	Heat Tracing Power Cable	230 V	2.3 A	2.9 A	3G6 unarmored	16.2 mm	M25