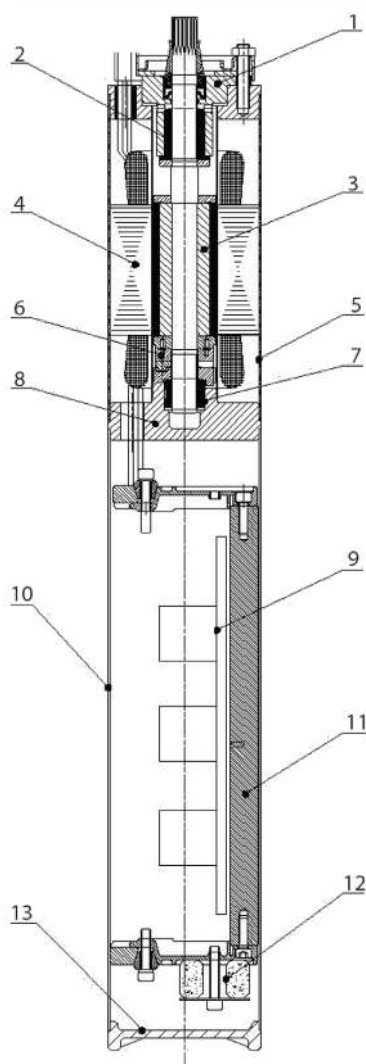




- | | |
|---------------------------|--------------------------|
| 1. UPPER BEARING HOUSING | 7. LOWER BEARING |
| 2. UPPER BEARING | 8. LOWER BEARING HOUSING |
| 3. PERMANENT MAGNET ROTOR | 9. CONTROL MODULE |
| 4. STATOR | 10. CONTROLLER HOUSING |
| 5. MOTOR HOUSING | 11. HEAT CONDUCTOR |
| 6. THRUST BEARING | 12. POWER FILTER COIL |
| | 13. BASE |

PRODUCT DETAILS

Operating on DC or AC voltage, the revolutionary NXT 4" SOLAR motor pairs a highly efficient permanent magnet motor with built-in inverter technology. The internal electronics are mapped to a range of wet-end sizes to optimise output using vector control and maximum power point technology.

MOTOR FUNCTIONS

- Accepts AC or DC power
- MPPT (maximum power point tracking)
- Vector control
- Dry run protection
- Reverse run protection
- Over-head protection
- Over-load protection
- Over-current protection
- Lost-Phase protection
- Missing-voltage protection
- Over-power protection
- Low voltage protection
- Pump stall protection

MOTOR FUNCTIONS

DC VOLTAGE VMP	60 - 380 Vmp
DC VOLTAGE VOC	60 - 440 Voc
DC CURRENT	12 Amp DC Isc
AC VOLTAGE	90 - 280 VAC
AC CURRENT	10 Amp AC
RATED POWER P2	1.1kW
PUMP BODY	SS AISI 304 X5CrNi1810
DIMENSIONS	Pump Body Dia 99mm x 626mm
OVERALL LENGTH	Including NEMA spline: 670mm
GROSS WEIGHT (KG)	11.8 g