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SUN-STAR ELECTRIC, INC.





BACKGROUND

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Since 1977, Sun-Star Electric, Inc. has specialized in all facet specialist in this field compelled Sun-Star Electric to dedicate Star Electric, Inc.'s 65,000 square foot manufacturing facility

MANUFACTURING

At Sun-Star Electric, Inc. we are applying our expertise to raise own lines of motors. Sun-Star manufactures motors in water an deep ocean **Aqua Star ROV** motor. We can design and manufactu pumping systems culminates into hundreds of years of experien



the sale, service, repair and remanufacture of wet wound submersible electric motors. The need for a If and become an expert in the performance, operation, and design of this type of electric motor. Suncated on twenty-seven acres in Lubbock, Texas.

e level of quality and reliability of wet wound submersible motors by designing and manufacturing our I filled constructions. They include the borehole **Type "D" & "M"**, the **RO Duty** stainless steel, and the special application submersible motors for specific requirements. Our combined experience with with submersible pumping components and systems.



EEP OCEAN ROV MOTOR



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Sun-Star Electric, Inc. has manufactured hundreds of Aqua Star ROV motors for refitting existing units and for new vehicles and applications. The Aqua Star is designed and engineered for a precision fit and the finest quality controls ensure longer service life, and historically reliable service. The Aqua Star motor can be engineered and designed to specific applications and requirements in both water and oil filled. Current standard designs range from 5 HP to 650 HP, 3600 and 1800 RPM.

WINDING

The winding wire and other components are all oil resistant, class F or higher materials. Our voltage range is from 460 volt to 6600 volt. The winding wire exceeds inverter duty ratings and all windings are tested to meet applicable NEMA and IEEE standards.

STATOR

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The standard stator casing material is corrosion resistant 316L stainless steel. This provides superior casing strength and allows a lamination design for increased horsepower per weight ratio.

SEALING SYSTEM

The motor employs a rotating mechanical seal or double rubber seals for sealing at the shaft.

BEARINGS

The anti-friction ball or roller bearings are sized to exceed normal requirements and insure a long service life for motor operations.

POWER LEADS

The power leads are a continuous cable configuration utilizing a PBOF design from the junction box to the motor.

SENSOR

A sensor hub option is available for temperature monitoring and water ingress detection.

SHAFT

The motor can be a single or double shaft configuration.



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AT SUN-STAR ELECTRIC, INC., OUR GOAL IS TO CONTINUE EXPANDING AND RESPONDING TO A MARKET OF GROWING DEMAND. BUILT WITH EXPERIENCE AND PRECISION, OUR MOTORS ARE ABLE TO WITHSTAND THE DEMANDS AND STRESSES ASSOCIATED WITH DEEP OCEAN ENVIRONMENTS.





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