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MS 4000

Motor head

NEMA standard mounting dimensions utilizing four, 5/16" x 24 UNF threaded studs

Monitoring

Motor protection and energy monitoring possible with remote monitoring equipment MTP75 control unit, CU 3 control unit, SM 100 sensor module, R100 remote control, G100 gateway and datalogger

High efficiency

High motor efficiency provides energy savings

Industrial and warm water versions available

Extra high efficiency and increased operation lifetime

Thrust bearing

Heavy-duty 1500 lb. Mitchelltype thrust bearing



Shaft seal

Mechanical ceramic/tungsten carbide shaft seal is standard on MS 4000 and MS 6000. SiC/SiC shaft seal optional on MS 4000 and MS 6000 for water with high sand content

Motor fill fluid

SML2 fluid filled motor design provides bearing lubrication

Corrosion resistance

High-grade materials provide high corrosion resistance. AISI 304 (DIN W.-Nr. 1.4301) stainless steel-standard, AISI 904 L (DIN W.-Nr.1.4539) stainless steel-optional. For aggressive water the motor can be supplied with Viton® elastomers vs. standard NBR

Cable

XLPE cross-linked polyethylene

Temperature monitoring

Many submersible pumping applications cause motor equipment to fail due to running the motors at high operating temperatures. MS 4000 or MS 6000 can be equipped with a tempcon temperature transmitter or Pt 100 temperature sensor to provide valuable motor temperature information to a monitoring device such as a CU 3 or MTP 75.

GRUNDFOS MS 4000

4-Inch motor, 2 hp (1.5 kW) to 10 hp (7.5 kW)

The MS 4000 and MS 6000 series are designed for use in a variety of applications in water supply. When equipped with features like oversized motor, temperature measurement, cooling jacket, and SiC/SiC mechanical shaft seals, these versions are suitable for heavy-duty industrial applications such as dewatering operations.



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