

# Grundfos MMS submersible motors — all stainless steel

**Sizes and horsepower from  
50hp 6” up to 150hp 8” (3 ph)**

Grundfos MMS motor production is in the hands of experts with many years of experience in manufacturing motors. MMS motors feature:

- › Mechanical shaft seal
- › Silicon carbide/silicon carbide shaft seal standard
- › 6” and 8” have standardized NEMA head and shaft
- › Protection against upthrust
- › High efficiency
- › Rewindable motor
- › 316SS optional
- › Temperature protection with PT100 and MP204
- › Michell style thrust bearing
- › PE+PA windings standard

Two material versions are available: a cast iron end bell version, and, for more aggressive liquids, an N-version made of AISI 316 stainless steel. Connections and shafts of the 6” and 8” motors are designed according to NEMA standards.

The sturdy Michell style thrust bearing and SIC/SIC shaft seal handles more abrasive applications. The rewindable motor construction means low cost of repair in case of damage.

To achieve maximum protection of the motor from heat, all motors can be fitted with the PT100 sensor. Combined with the Grundfos MP204 control unit, the PT100 provides optimum protection of the motor.



**Monitoring**

Motor protection and energy optimization possible with remote monitoring facilities MP 204, SM 100, R100, and G100

**Sensor**

Temperature protection by means of Pt 100 sensor

**Windings**

Rewindable motor construction allows for low-cost motor repair that can be made locally

**Efficiency**

High efficiency provides energy savings

**Thrust**

High thrust capacity

**Cable**

Cable approved for drinking water

**Ground cable**

Inside ground cable standard

**Shaft seal**

High sand resistance with mechanical shaft seal in SIC/SIC

**Warm water**

Standard version available with PE2 + PA wire

**Contamination**

Water filled motor design prevents water contamination

**Corrosion**

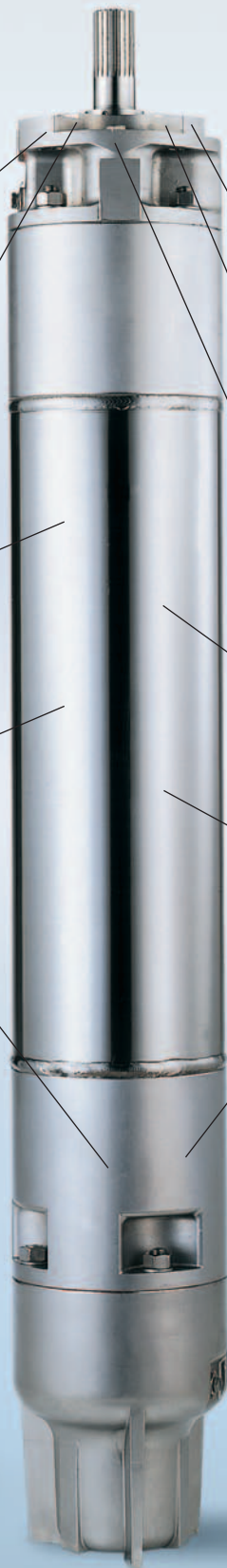
High-grade materials provide high corrosion resistance. Available as standard in AISI 304 stainless steel with cast iron end bells or optional All AISI 316 stainless steel

**Grundfos MMS range**

50 hp to 150 hp

**Life cycle costs**

When considering cost of ownership, the motor is just as important as the pump itself. A highly efficient Grundfos submersible motor combined with advanced Grundfos hydraulics offer you the best life cycle costs on the market.



L-MMS-SL-01 11/05 (US)  
 Subject to alterations