



GRUNDFOS

home

Print

[← Back](#)

MS 6000

Motor head

NEMA standard mounting head utilizing four, 1/2" x 20 UNF threaded bolts

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 4400 lb. Mitchelltype thrust bearing

Surge protection

The MS family of motors are capable of withstanding transients as defined by IEEE and UL surge suppression standards. This natural immunity makes the motor resistant to damage from high voltage surges.



GRUNDFOS MS 6000

6-inch motor, 7 1/2 hp (5.5 kW) to 40 hp (30 kW)

Shaft seal

Mechanical ceramic/tungst carbide shaft seal is standard on MS 4000 and MS 6000. Sic shaft seal optional on MS 4 and MS 6000 for water with sand content

Motor fill fluid

SML2 fluid filled motor design provides bearing lubrication

Corrosion resistance

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

Cable

XLPE cross-linked polyethylene

High thrust capacity

The Michell-type thrust bearings feature 4 or 6 carbon pads and one ceramic thrust runner for high thrust capacity. This type of bearing is unique in the way that the lapping of the rotating parts ensure a quick build-up of a water film in the thrust bearing during start up. The design of the bearing allows for bi-directional rotation (CW or CCW).

