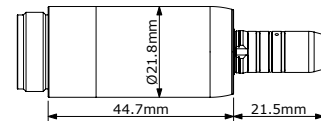


# MO-33-LFA



Motor sensorless, with light (LED), with fluid, sterilizable.



## Motor data

Dassym reference	106.02.000
Nominal voltage (effective according to ISO 14457)	23 V
No load speed (nominal speed)	40000 rpm
Minimal speed	1000 rpm
No load current	0.28 A
Maximum allowed current (peak value during 5 second)	7 A
Torque at maximum allowed current	3.5 Ncm
Nominal current	1.6 A
Nominal torque	0.8 Ncm
Maximum mechanical power	60 W
Current at maximum power	4.5 A
Rotor inertia	1.37 gcm <sup>2</sup>
Speed constant	1740 rpm/V
Torque constant	0.5 Ncm/A

## Dimensions

Full length	73.6 mm
External diameter	21.8 mm
Motor length	44.7 mm
Weight	81 g

## Other specification

Maximum allowed winding temperature	180 °C
Withstanding voltage (phase to housing)	1500 V
Radial play	preloaded
Maximum dynamic axial load	6 N
Maximum dynamic radial load	20 N
Number of pole pairs	1
Number of phases	3
Recommended cooling air	20 NI/min
Internal air flow spray @250kPa according to ISO 14457	>8 NI/min
Internal water flow spray @200kPa according to ISO 14457	>150 NI/min
Sterilization @136°C/220kPa 18min	>800 cycles
Number of wire connected to the motor	5