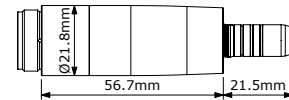


MO-94-A



Surgery and implantology motor with Hall sensors, sterilizable.



Motor data

Dassym reference	102.03.000
Nominal voltage (effective according to ISO 11498)	28.75 V
No load speed (nominal speed)	40000 rpm
Minimal speed	80 rpm
No load current	0.29 A
Maximum allowed current (peak value during 5 second)	7 A
Torque at maximum allowed current	5 Ncm
Nominal current	1.8 A
Nominal torque	1.3 Ncm
Maximum mecanical power	85 W
Current at maximum power	7 A
Rotor inertia	2.02 gcm ²
Speed constant	1390 rpm/V
Torque constant	0.71 Ncm/A

Dimensions

Full length	85.62 mm
External diameter	21.8 mm
Motor length	56.70 mm
Weight	104 g

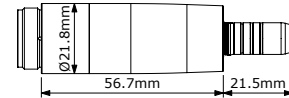
Other specification

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
Recomanded cooling air	20 NI/min
Internal air flow spray @250kPa according to ISO 11498	N/A NI/min
Internal water flow spray @200kPa according to ISO 11498	N/A NI/min
Sterilization @136°C/220kPa 18min	>800 cycles
Number of wire connected to the motor	4

MO-94-LA



Surgery and implantology motor with light (LED) and Hall sensors, sterilizable.



Motor data

Dassym reference	102.08.000
Nominal voltage (effective according to ISO 11498)	28.75 V
No load speed (nominal speed)	40000 rpm
Minimal speed	80 rpm
No load current	0.29 A
Maximum allowed current (peak value during 5 second)	7 A
Torque at maximum allowed current	5 Ncm
Nominal current	1.8 A
Nominal torque	1.3 Ncm
Maximum mechanical power	85 W
Current at maximum power	7 A
Rotor inertia	2.02 gcm ²
Speed constant	1390 rpm/V
Torque constant	0.71 Ncm/A

Dimensions

Full length	85.62 mm
External diameter	21.8 mm
Motor length	56.70 mm
Weight	104 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 l/min
Internal air flow spray @250kPa according to ISO 11498	l/min
Internal water flow spray @200kPa according to ISO 11498	l/min
Sterilization @136°C/220kPa 18min	cycles
Number of wire connected to the motor	4