



20GN compact DC Motor Gearhead

The Igarashi 20GN motor gearhead combination is designed for applications where small package size is a major design parameter. The 12V version of this extremely compact package will be stocked in large quantities in ratios of 50:1, 150:1 and 380:1. Other versions with supply voltages from 4 to 24V and alternative gear ratios are available to order.

Measuring only 40mm long and weighing 30g the 20GN has a maximum axial load of 2N and the spur gearhead creates a maximum peak torque of 180mNm.

The 20GN is ideal for applications such as card reader mechanisms, small drawer actuators and general instrumentation equipment.

Weight 30g

DC permanent magnet motor

Spur gearhead

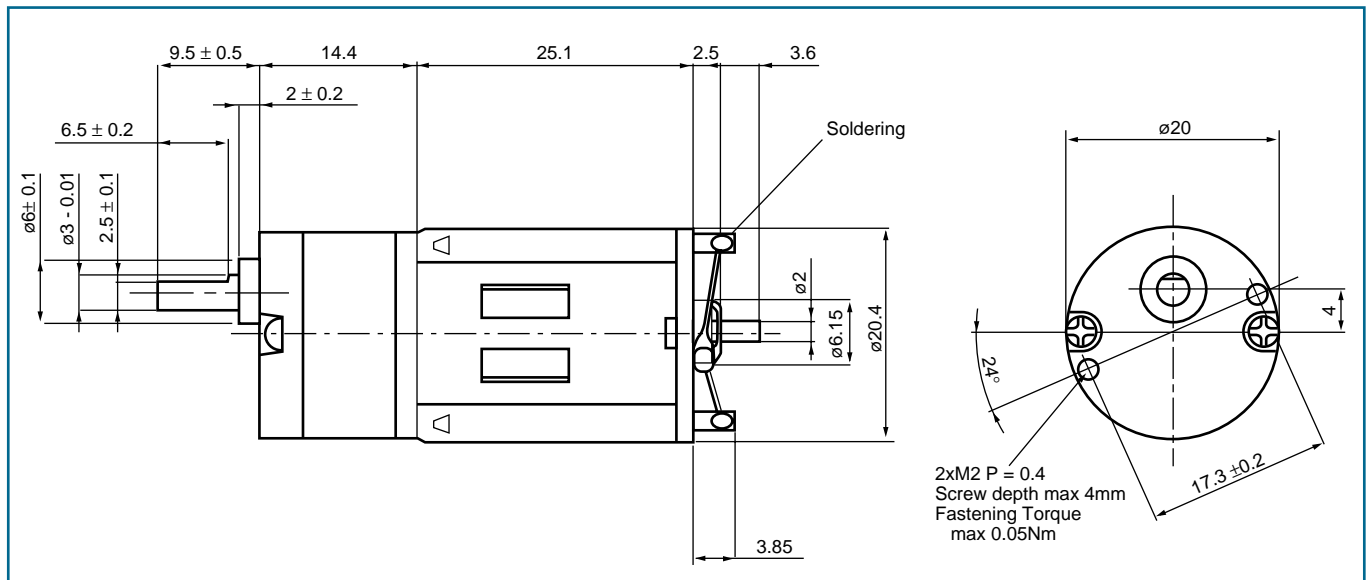
Voltage: 4 to 24V

RFI suppression by capacitor

Radial load max: 2.5N at 5mm from mounting surface

Axial load max: 2N

Axial play max: 0.5mm



Technical Data

Motor Gear Type	Nominal Voltage DC	Gear Ratio i	No-Load Speed rpm	Continuous Operation At Maximum Efficiency			Gear Peak Torque max. mNm
				Speed rpm	Current A	Torque mNm	
330-050	12	50	200	175	0,13	30	90
330-150	12	150	67	60	0,11	60	180
330-380	12	380	25	23	0,08	60	180

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