



## DOGA - 162 SERIES

DC motor only, planetary option

162.4113.30.00

Motor 24 V dc, 0.12 Nm, 3000 rpm, 2.5 A, EMC filter

- 12-24Vdc
- Up to 0.2Nm
- Up to 3000rpm
- 60mm diameter
- High starting torque



### PRODUCT DESCRIPTION

The DOGA 162 series is a range of 60mm diameter permanent magnet DC motors that are developed for a compact, low noise and cost-effective solution to suit many industrial applications. IP53 is standard, with an EMC filter option.

VOLTAGE: 12 / 24Vdc supply - ideally suited to **battery powered** and **mobile applications**.

TORQUE: >0.2Nm nominal, >1.0Nm starting – a good choice for applications requiring **high start-up power**.

SPEED: 1500 - 3000rpm options.

For modest quantities DOGA can offer **product customisation** to better suit the individual needs of the customer and application. Adaptations can include changes to the output shaft, supply voltage, cabling/connectors and motor windings.

Typical applications include:

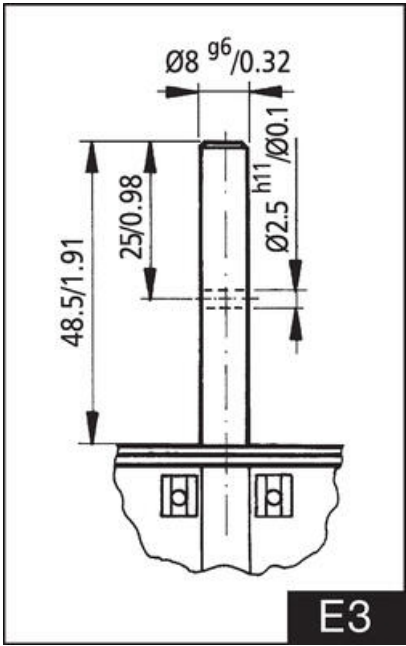
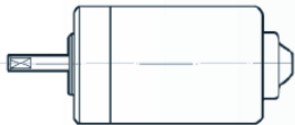
Agriculture  
Building access  
Care aid  
Medical  
Office equipment  
Marine  
General industrial automation

### TECHNICAL DATA

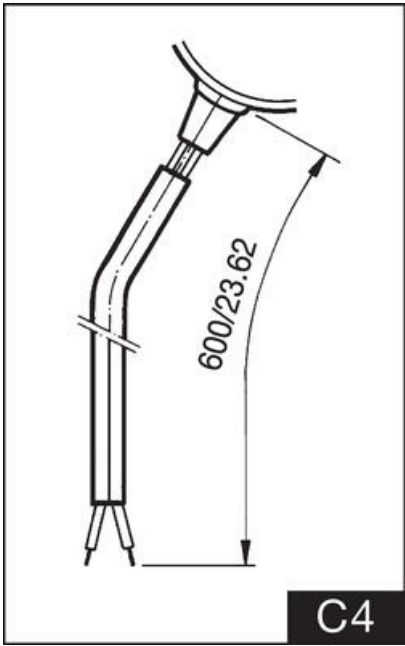
Current max	15 A
EMC filter	Yes
IP class	IP40
Max. torque	1

Nominal current	2.5 A
Nominal speed	3000 rpm
Nominal torque	0.12
Shaft diameter	8 mm
Supply voltage	24 V DC
Weight	1.1 kg

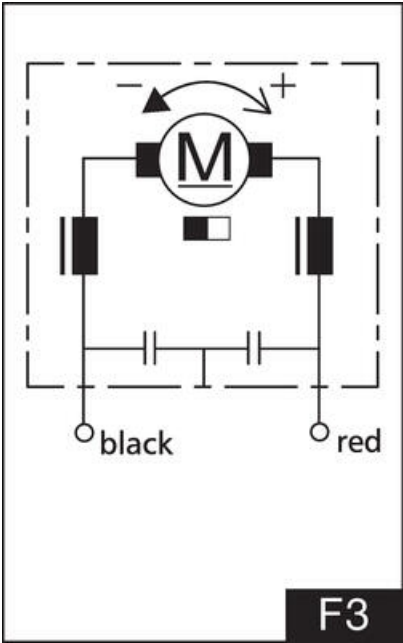
A



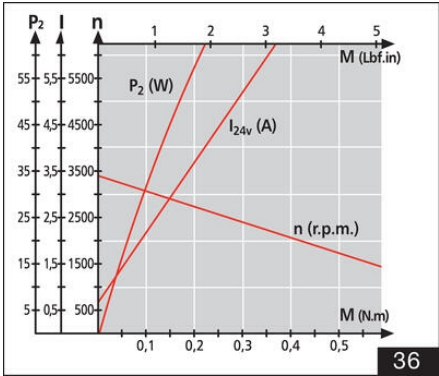
E3



C4



F3



36

