



DOGA - 162 SERIES

DC motor only, planetary option

162.4108.20.00

Motor 12 V dc, 0.18 Nm, 1500 rpm, 5 A, shaft E2

- 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 | 17 A |
| EMC filter | No |
| IP class | IP53 |
| Max. torque | 0.8 |

| | |
|-----------------|----------|
| Nominal current | 5 A |
| Nominal speed | 1500 rpm |
| Nominal torque | 0.18 |
| Shaft diameter | 8 mm |
| Supply voltage | 12 V DC |
| Weight | 1.1 kg |

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