



## DOGA - 162 SERIES

DC motor only, planetary option

162.4116.30.00

Motor 24 V dc, 0.2 Nm, 3000 rpm, 4 A, shaft E58/E57

- 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 | 18 A |
| EMC filter  | No   |
| IP class    | IP40 |
| Max. torque | 1    |

|                 |          |
|-----------------|----------|
| Nominal current | 4 A      |
| Nominal speed   | 3000 rpm |
| Nominal torque  | 0.2      |
| Shaft diameter  | 8 mm     |
| Supply voltage  | 24 V DC  |
| Weight          | 1.1 kg   |



