



## DOGA - 168 SERIES

DC motor only, planetary option

168.4116.30.04

Motor 24 V dc, 0.5 Nm, 1900 rpm, 7 A, shaft E8

- 12-24Vdc
- Up to 0.75 Nm
- Up to 3000 rpm
- 79mm diameter
- High starting torque



### PRODUCT DESCRIPTION

The DOGA 168 series is a range of 79mm diameter permanent magnet DC motors that are developed for a compact, low noise and cost-effective solution to suit many industrial applications. IP40 is standard, with an EMC filter option.

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

TORQUE: >0.75Nm nominal, >3.0Nm starting – a good choice for applications requiring **high start-up power**.

SPEED: 750 - 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     | 32 A     |
| EMC filter      | No       |
| IP class        | IP40     |
| Max. torque     | 3        |
| Nominal current | 7 A      |
| Nominal speed   | 1900 rpm |
| Nominal torque  | 0.5      |
| Shaft diameter  | 8 mm     |

|                |         |
|----------------|---------|
| Supply voltage | 24 V DC |
| Weight         | 2.6 kg  |

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