



## DOGA - 168 SERIES

DC motor only, planetary option

168.4136.30.00E

Motor 24 V dc, 0.75 Nm, 1000 rpm, 5.5 A, EMC filter

- 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	18 A
EMC filter	Yes
IP class	IP40
Max. torque	2.8
Nominal current	5.5 A
Nominal speed	1000 rpm
Nominal torque	0.75
Shaft diameter	11 mm

Supply voltage

24 V DC

Weight

2.6 kg

 Flange according to IEC 63 B14 - Puntos de anclaje según IEC 63 B14

