



DOGA - 169 SERIES

DC motor only, planetary option

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Motor 12 V dc, 0.4 Nm, 1900 rpm, 11 A, shaft E14

- 12-24Vdc
- Up to 0.4Nm
- Up to 4600rpm
- 79mm diameter
- High starting torque



PRODUCT DESCRIPTION

The DOGA 169 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: >0.4Nm nominal, >2.2Nm starting – a good choice for applications requiring **high start-up power**.

SPEED: 1500 - 4600rpm 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 | 46 A |
| EMC filter | No |
| IP class | IP53 |

| | |
|-----------------|----------|
| Max. torque | 2 Nm |
| Nominal current | 11 A |
| Nominal speed | 1900 rpm |
| Nominal torque | 0,4 Nm |
| Shaft diameter | 8 mm |
| Supply voltage | 12 V DC |
| Weight | 2 kg |

