



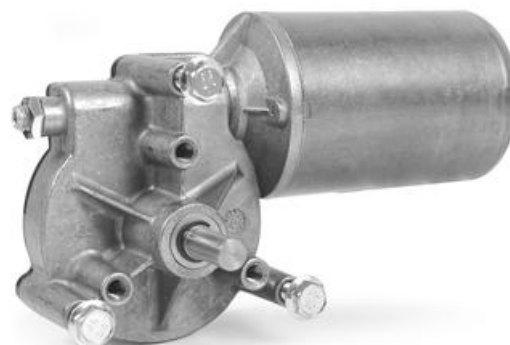
DOGA 111 - DC WIPER MOTOR

Right angle worm gearbox, IP53

111.3711.20.00

Worm gearmotor 12 V dc, 5 Nm, 40 rpm, 5 A, shaft E22

- 12 - 24Vdc
- Up to 6Nm
- Up to 240rpm
- Compact low noise design
- High starting torque



PRODUCT DESCRIPTION

The DOGA 111 series uses a brushed DC motor with worm gearbox and is developed to provide a compact, low noise and cost-effective solution to suit many industrial applications.

The standard hardened plastic worm wheel offers smooth, low noise operation and good performance, along with durability. IP53 is standard, with an EMC filter option.

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

TORQUE: >6Nm nominal, >25Nm starting – a good choice for applications requiring **high start-up power**.

SPEED: 25 - 240rpm options using a range of motor/gearbox combinations.

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, gear wheel material, cabling/connectors, gear ratios and motor windings.

Typical applications include:

Agriculture

Building access

Care aid

Medical

Office equipment

Marine

General industrial automation

TECHNICAL DATA

Current max	25 A
EMC filter	No
IP class	IP53

Max. torque	25 Nm
Nominal current	5 A
Nominal speed	40 rpm
Nominal torque	5 Nm
Positioning feedback	No
Ratio	62:1
Shaft diameter	9,3 mm
Supply voltage	12 V DC
Type of gearbox	Worm
Type of wheel	Plastic
Weight	1,25 kg

