



DOGA 311 - DC WIPER MOTOR

Right angle worm gearbox, IP69K

311.G411.20.00

- 12-24Vdc
- Up to 7Nm
- Up to 70rpm
- Extra-compact low noise design
- IP69K as standard



PRODUCT DESCRIPTION

The DOGA 311 series uses a brushed DC motor with worm gearbox and is developed to provide an extremely 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. IP69K is standard and covers all operational environments.

VOLTAGE: 12 / 24Vdc well suited to **battery powered** and **mobile applications**.

TORQUE: >7Nm nominal, >35Nm starting – make the motor a good choice for applications requiring **high start-up power**.

SPEED: 33 - 70rpm 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
IP class	IP69K
Max. torque	35 Nm
Nominal current	4,5 A
Nominal speed	33 rpm
Nominal torque	7 Nm

Shaft diameter	12 mm
Supply voltage	12 V DC
Weight	1,2 kg