

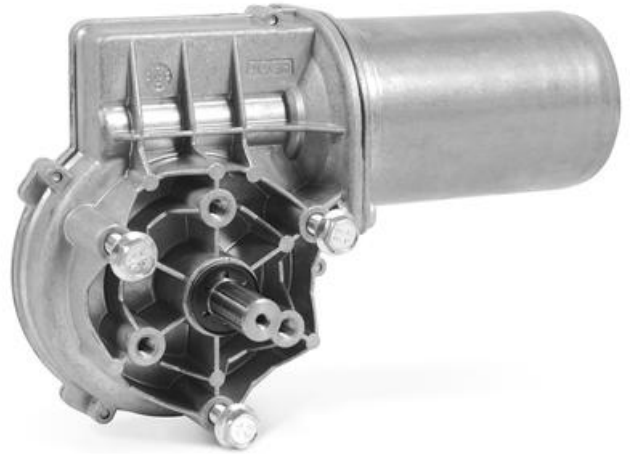
## DOGA 319 - DC WIPER MOTOR

Right angle worm gearbox, IP65

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Worm gearmotor 12 V dc, 4 Nm, 85 rpm, 7 A, EMC filter

- 12 - 24Vdc
- Up to 9Nm
- Up to 230rpm
- Compact low noise design
- High starting torque



### PRODUCT DESCRIPTION

The DOGA 319 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. IP65 is standard, with an EMC filter option.

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

TORQUE: >9Nm nominal, >60Nm starting – a good choice for applications requiring very **high start-up power.**

SPEED: 30 - 230rpm 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

<b>Current max</b>	60 A
<b>EMC filter</b>	Yes

IP class	IP65
Max. torque	40 Nm
Nominal current	7 A
Nominal speed	85 rpm
Nominal torque	4 Nm
Positioning feedback	No
Ratio	78:2
Shaft diameter	12 mm
Supply voltage	12 V DC
Type of gearbox	Worm
Type of wheel	Plastic
Weight	1,7 kg

