



## DOGA - 321 SERIES

DC traction motor, IP69K

321.1000.30.09

Motor 24 V dc, 1.9 Nm, 2700 rpm, 27 A, IP69K

- 24-36Vdc
- Up to 2.7Nm
- Up to 2700 rpm
- 101mm diameter
- IP69K protection



### PRODUCT DESCRIPTION

The DOGA 321 series is a range of 101mm diameter permanent magnet DC traction motors that offer **IP69K protection** as standard and are developed to provide a compact, low noise solution to suit industrial applications requiring exceptional environmental protection

VOLTAGE: 24 / 36Vdc supply (48V non-std option) - ideally suited to **battery powered** and **vehicle applications**.

TORQUE: >2.7Nm nominal, >22.0Nm starting – a good choice for applications requiring **high start-up power**.

SPEED: up to 2700rpm.

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	250 A
EMC filter	No
IP class	IP69K
Max. torque	19 Nm
Nominal current	27 A
Nominal speed	2700 rpm
Nominal torque	1,9 Nm

<b>Shaft diameter</b>	12 mm
<b>Supply voltage</b>	24 V DC
<b>Weight</b>	2,6 kg

