



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

Shaft diameter	12 mm
Supply voltage	24 V DC
Weight	2,6 kg

