

## CROUZET DC INDUSTRIAL MOTOR 32MM DIAMETER

Industrial DC Series, 3W

82860XXX

Motor 32mmØ 3W 12/24Vdc 3700rpm 7.7mNm IP40

- 12 - 24Vdc
- Up to 7.7mNm
- Up to 3700 rpm
- Permanent magnet
- High starting torque



### PRODUCT DESCRIPTION

This standard 32mm diameter brushed DC motor range is designed for applications requiring smooth, high-speed running and lower torque levels.

Supply voltage options are 12 and 24Vdc The standard motor can be adapted to better suit the specific requirements of the application, adaption options include the addition of an encoder, EMC and minor mechanical/electrical modifications

A shorter motor length is also available for size critical applications where lower power is required and this motor is also available supplied with a gearbox, for available options see the relating pages on DC gear motors pages.

Crouzet is world recognised as a premium mechatronic manufacturer and has well over 50 years of experience in developing adapted motor solutions This range of motors is UL certified and also carries various other approvals, in line with all Crouzet products which are known across many automation industries.

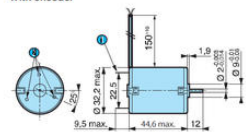
### TECHNICAL DATA

<b>Diameter</b>	32 mm
<b>IP class</b>	IP40
<b>Length</b>	45 mm
<b>Life span</b>	3000 h
<b>Nominal speed</b>	3700 rpm
<b>Nominal torque</b>	0,0077 Nm
<b>Power</b>	3 W
<b>Shaft diameter</b>	2 mm
<b>Starting torque</b>	0,03 Nm

Supply voltage	12 V DC, 24 V DC
Weight	0,096 kg

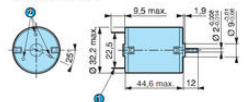
#### Dimensions

With encoder



- 1 2 tags NFC 20 - 120; series 2.8 x 0.5
- 2 3 holes at 120° over Ø 26 mm; use self-tapping M2.2 screws; screw depth max. 6 mm

Without encoder



- 1 2 tags NFC 20 - 120; series 2.8 x 0.5
- 2 3 holes at 120° over Ø 26 mm; use self-tapping M2.2 screws; screw depth max. 6 mm