

## CROUZET DC INDUSTRIAL MOTOR 42MM DIAMETER

Industrial DC Series, 52W

828100XX

Motor 42mmØ 10W 12/24Vdc 2000rpm 41mNm IP20

- 12 - 24Vdc
- Up to 100mNm
- Up to 3200rpm
- Permanent magnet
- High starting torque



### PRODUCT DESCRIPTION

This standard 42mm 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.

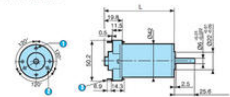
Crouzet is world recognised as a premium mechatronic manufacturer and has well over 50 years of experience in developing adapted motor solutions This range of motors is UL certified and also carries various other approvals, in line with all Crouzet products which are known across many automation industries.

### TECHNICAL DATA

<b>Diameter</b>	42 mm
<b>IP class</b>	IP20
<b>Length</b>	70 mm
<b>Nominal speed</b>	2000 rpm
<b>Nominal torque</b>	0,04 Nm
<b>Power</b>	10 W
<b>Shaft diameter</b>	6 mm
<b>Starting torque</b>	0,1 Nm
<b>Supply voltage</b>	12 V DC, 24 V DC
<b>Weight</b>	0,31 kg

Dimensions

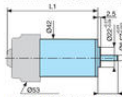
828000 - 828100



- 2 x M3 at 180°, depth 5 mm over Ø 32
- 2 holes Ø 2.75 <sup>+0.05</sup>/<sub>-0.03</sub> at 120° depth 5 mm Ø 32
- 2 tags REC 750, series 4.8 x 0.5
- L: 828000: 84.8 mm max.
- L: 828100: 89.8 mm max.

Options

Dimensions with magnetic encoder



L1: 828000: 99.1 mm max. - L1: 828100: 84.1 mm max.