

CROUZET DCMIND MOTOR 42MM DIAMETER

DCmind Brush Series, 15-35W

89810XXX
Motor 42mmØ 15W 12-48Vdc 2920rpm 50mNm IP65
Low noise

- 12 - 48Vdc
- Up to 110mNm
- Up to 3000rpm
- Very low noise and vibration
- IP65 as standard



PRODUCT DESCRIPTION

The DCMind Brush range is Crouzet's next generation of high-performance brushed DC motors, engineered to be extremely quiet and energy-efficient they are **ideal for medical and laboratory applications**, and any application that requires **very low noise and vibration levels**.

The motor without gearbox emits a noise level of just 35 dBA (for comparison moderate rainfall is around 50dBA), the DCMind Brush motors have a lifespan of up to 24,000hrs with no load and up to 5,000hrs with rated load.

All motors are rated to **IP65 as standard** with the option to reach up to IP69K.

DCmind is UL certified and carries various other specific certificates, including medical

The standard motors can be adapted to better suit a specific application, adaptations can include the addition of an encoder, brake, special output shaft and general minor mechanical/electrical modifications

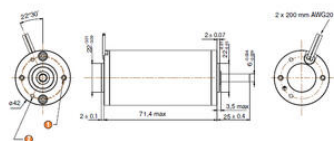
TECHNICAL DATA

Diameter	42 mm
IP class	IP65
Length	72 mm
Life span	4000h
Nominal speed	2920 rpm
Nominal torque	0.05
Power	15 W
Shaft diameter	6 mm
Starting torque	0.19
Supply voltage	12 V DC, 24 V DC, 48 V DC

Weight

0.34 kg

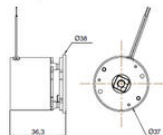
Dimensions (mm)



- ① 2 x M3 at 180° depth 5 over Ø 32
- ② 2 x Ø 2.75 at 120° depth 5 over Ø 32

Options

Holding brake 0.25 Nm



Encoder

