

## CROUZET DCMIND MOTOR 63MM DIAMETER

DCmind Brush Series, 57-104W

89830XXX

Motor 63mmØ 57W 12→90Vdc 3000rpm 180mNm IP65  
Low noise

- 12 - 120Vdc
- Up to 290mNm
- 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.

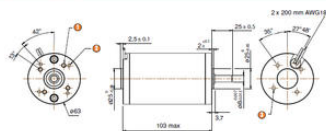
DCmind is UL certified and carries various other specific certificates, including medical

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

<b>Diameter</b>	63 mm
<b>IP class</b>	IP65
<b>Length</b>	103 mm
<b>Life span</b>	5000h
<b>Nominal speed</b>	3000 rpm
<b>Nominal torque</b>	0,18 Nm
<b>Power</b>	57 W
<b>Shaft diameter</b>	8 mm
<b>Starting torque</b>	1 Nm
<b>Supply voltage</b>	12 V DC, 24 V DC, 48 V DC, 90 V DC
<b>Weight</b>	1,2 kg

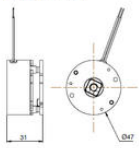
# Dimensions (mm)



- ① 4 x M5 at 90° depth 10 over Ø 40
- ② 4 x Ø 3.65 at 90° depth 8 over Ø 48
- ③ 4 x M5 at 90° depth 7 over Ø 40

## Options

Holding brake 0.5 Nm



Encoder

