

Motor Reference Guide



Category **Body Climate & Comfort**

Application **Door Closure Assistant**

Series **HC675LG**

Code **BC03005**

Type **PMDC**



Motor Size

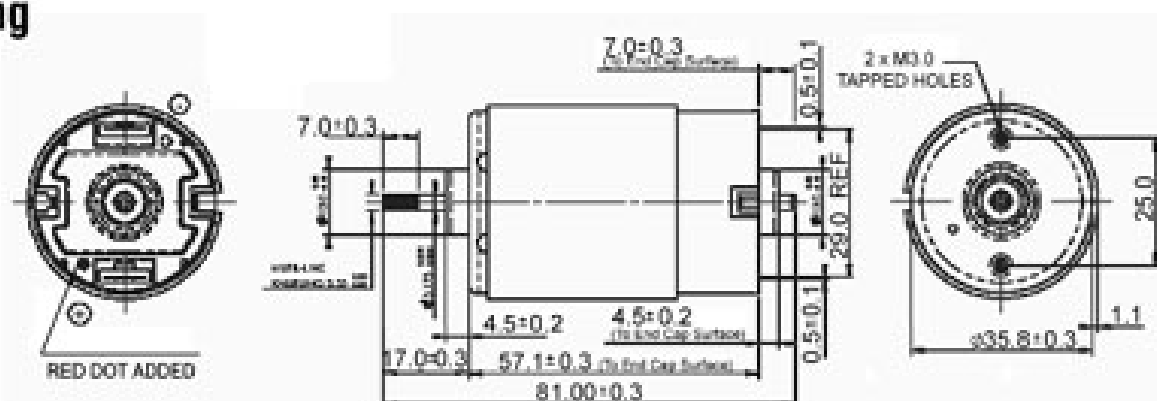
Diameter **35.8** mm
Length **57** mm
Flat - mm

Shaft Diameter **3.175** mm

Description

Door closure assistant motor with optional EMI suppression

Drawing



Unit in millimetres

Performance data

Model : **BC03005**



Simulation Control Panel



Specifications are for reference only. Performance may vary between motor samples.
Johnson Electric is capable to tailor-design motors according to customer's requirement.
For details please contact our sales office.

Test Conditions

Motor tested rapidly to prevent significant temperature rise.

Nominal Voltage **12** Volts
Frequency - Hz

At No Load

Speed **4743** Rpm
Current **0.353** Amp

At stall (Extrapolated)

Torque **259.094** m-Nm
Current **11.807** Amp

At maximum efficiency

Efficiency **66.05** %
Torque **38.195** m-Nm
Speed **4044** Rpm
Current **2.042** Amp
Output **16.18** Watts

At maximum power

Torque **129.547** m-Nm
Speed **2371** Rpm
Current **6.08** Amp
Output **32.172** Watts

Characteristics

Torque Constant **22.62** m-Nm/Amp
Dy. Resistance **1.016** Ohms
Motor Regulation **18.313** Rpm/m-Nm

