

CROUZET - SYNCHRONOUS GEARED MOTORS

823345XX

Spur Ovoid gearmotor 0.42W 24→240Vac

0.33→60rpm 0.5Nm max 1D

- Single phase 24V→230V / 50Hz
- 0.2→3W, 0.5→5Nm, 0→60rpm
- Constant speed independant of load
- Short start & stop times
- Single direction & reversible options



PRODUCT DESCRIPTION

The Crouzet synchronous motor is a small, compact motor with precise speed and short start and stop times.

A Synchronous motor is characterised by a constant speed of rotation which is independent of the load but linked to the supply frequency.

A synchronous motor maintains its speed of rotation until an overload occurs. When overload occurs, the motor loses synchronisation, ie. it stops and develops an oscillation (vibration).

Available in single direction clockwise, anti-clockwise, or reversible.

No capacitor required on single direction motors.

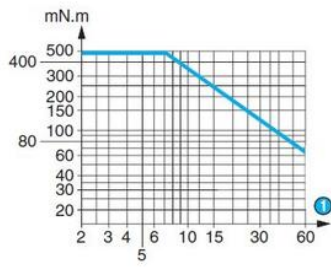
Motors for other voltages than 230 V ac/50 Hz are available.

TECHNICAL DATA

Diameter	51 mm
IP class	IP40
Length	42 mm
Max. torque	0,5 Nm
Power	0,42 W
Shaft diameter	4 mm
Speed options	0.33→60rpm
Supply voltage	230 V AC
Type of gearbox	Spur ovoid
Weight	0,16 kg

Curves

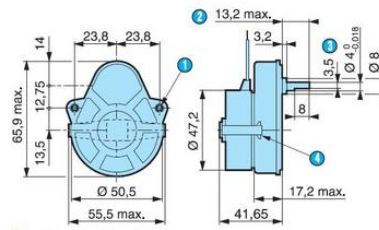
Graph of torque versus speed 82 334 5



① RPM

Dimensions

82 334 5



- ① 2 fixing holes $\text{Ø} 3.2$
- ② (pushed-in shaft)
- ③ 3.5 across flat
- ④ Fixing clip