

CROUZET - 808593XX DC MOTOR WITH PLANETARY GEARBOX - INDUSTRIAL DC SERIES

808593XX

Planetary 42mm gearmotor 42W 12/24Vdc 11rpm?
454rpm 15Nm max



- 12 - 24 V dc, 15 Nm max, 42 W
- Speed range: 11 to 454 rpm
- High starting torque
- 42mm diameter planetary gearbox

PRODUCT DESCRIPTION

Crouzet standard industrial DC motor with inline gearbox for low speed, high torque applications.

DC motors by nature offer a very high starting torque and are suited to a very wide range of applications, the gearbox is 'lubricated for life' to ensure consistent performance.

Options for a bespoke solution include, different power connections, EMC filter, encoder options & mechanical/electrical adaptations.

* Smaller length motor for lower power applications is available

TECHNICAL DATA

Diameter	42 mm
IP class	IP20
Max. torque	15
Power	42 W
Ratio	i=6.75→308:1
Shaft diameter	8 mm
Speed options	11rpm→454rpm
Supply voltage	12 V DC, 24 V DC
Type of gearbox	Planetary

Graph of torque (N.m) vs. speed (rpm) for a 1000 W motor. The y-axis is logarithmic from 0.1 to 100 N.m. The x-axis is logarithmic from 1 to 1000 rpm. The curve shows a constant torque of 15 N.m from 1 to 15 rpm, then a linear decrease to 0.5 N.m at 500 rpm.

