

## FEATURES

- 24 V dc Supply Voltage
- Iron Core
- Planetary gear head
- 6mm shaft diameter

## RS PRO, 24 V dc, Brushed DC Geared Motor, Rated Speed 73 rpm

RS Stock No.: 398-9827



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

From RS Pro, this DC geared motor is ideal for low speed applications that require high starting torque. The brushed motor ensure a low cost and simplified design, while offering versatility and reliability. With an iron core construction, the DC motor has a planetary gearbox for consistent high output torque. The gear motor also features a robust flange with screw hole fixing, for easy and secure installation. This 38 mm geared motor is designed for most low voltage applications, and provides a 73 rpm rated speed.

### General Specifications

Motor Type	Graphite Brushed
Output Speed (Rated)	73rpm
Gearhead Type	Planetary
Gear Ratio	71:1
Power Rating	13.2 w
Application	Typical applications include pick and place, or ticket dispensing machines

### Electrical Specifications

Supply Voltage	24Vdc
Maximum Output Torque	4.5Nm

### Mechanical Specifications

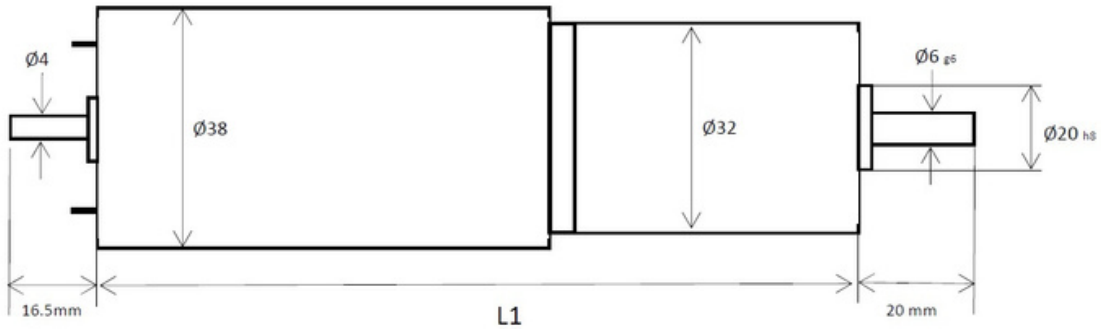
Shaft Diameter	6mm
Core Construction	Iron Core
Shaft Angle	Straight
Dimensions	105.3mm x 38mm x 38 mm
Length	105.3mm
Width	38mm

## DC Geared Motors

Depth	38mm
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### Approvals

Compliance/Certifications	2011/65/EU and 2015/863
Standards Met	RoHS



RS Pt Number	Voltage	No Load Speed*	Rated Speed**	Rated Torque	Length L1	Weight in grams
3989827	24v	89 rpm	73 rpm	1.22Nm	105.3mm	420g

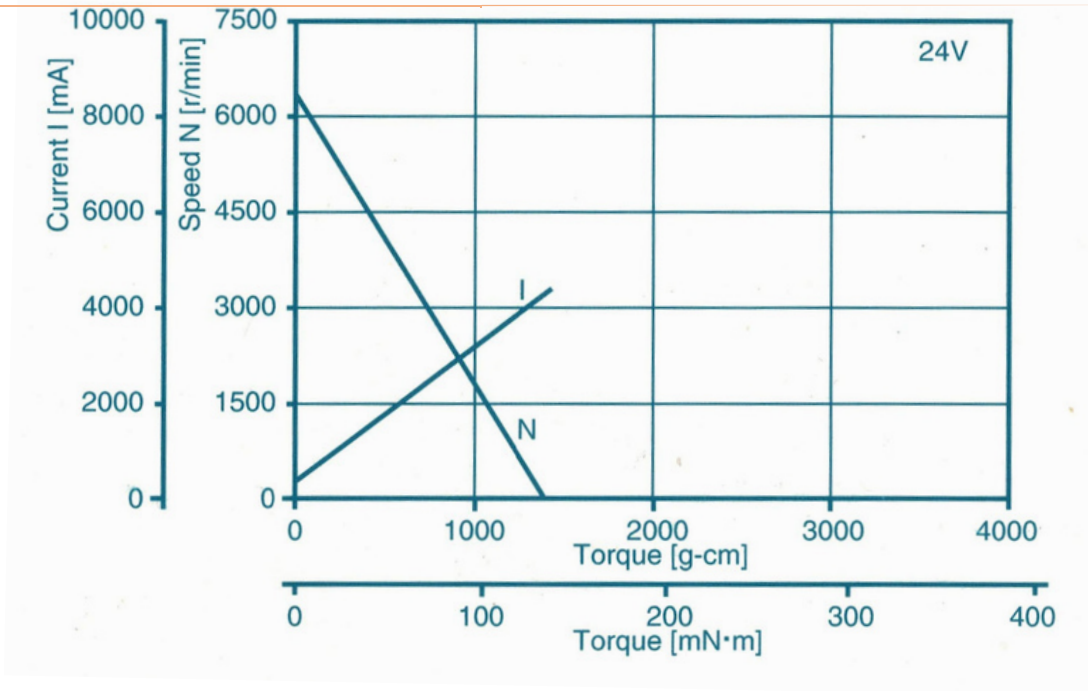
### Notes:

\*No Load Speed – Is based on the no load speed of the motor in “air”

\*\*Rated Speed – Is the rated speed of the geared motor using the rated speed of the motor with the 71:1 gearbox fitted.

As with all DC motors all speeds are based on a tolerance of about +/- 10%.

Torque/Speed Graph



Gearbox Fixings

