

## FEATURES

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

## RS PRO, 24 V dc, 600 mNm, Brushed DC Geared Motor, Output Speed 6 rpm

RS Stock No.: 901-3327



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.



# DC Geared Motors

## 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 spur 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 6 rpm no-load speed.

## General Specifications

DC Motor Type	Brushed
Output Speed (No Load)	6rpm
Gearhead Type	Spur
Gear Ratio	900:1
Power Rating	4.022 W
Application	Power tools, Water pumps, Camera Systems, Adjusting devices, Robotics, Fans

## Electrical Specifications

Supply Voltage	24V dc
Maximum Output Torque	600mNm

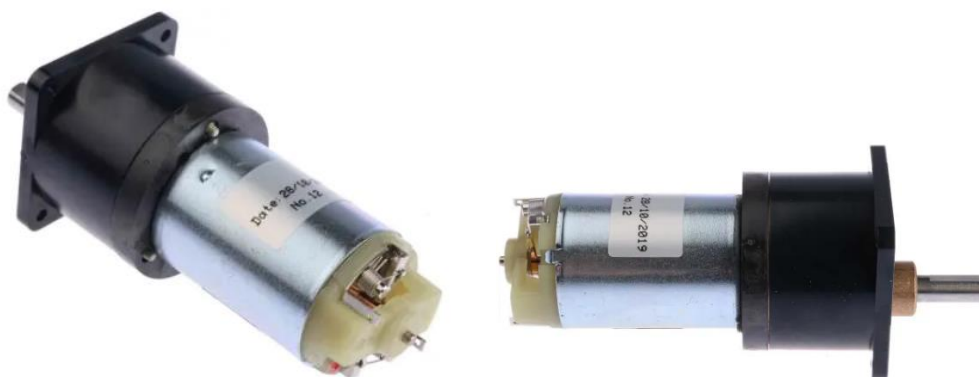


**Mechanical Specifications**

<b>Shaft Diameter</b>	6mm
<b>Core Construction</b>	Iron Core
<b>Shaft Angle</b>	Straight
<b>Dimensions</b>	38mm x 38mmx 47.5 mm
<b>Length</b>	110.1mm
<b>Width</b>	38mm
<b>Depth</b>	38mm

**Approvals**

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







RS Number	New Ratio	Replaces	Voltage	New Speed	New Max Torque	New Dimensions in mm
9013288	21:1	255-9582	12v	223rpm	70mNm	71.20x38x38
9013282	30:1	255-9598	12v	155rpm	100mNm	71.20x38x38
9013291	60:1	255-9605	12v	80rpm	200mNm	73.70x38x38
9013294	105:1	255-9611	12v	45rpm	300mNm	73.70x38x38
9013298	210:1	255-9627	12v	22rpm	600mNm	107.60x38x38
9013308	525:1	255-9649	12v	9rpm	600mNm	110.10x38x38
9013301	750:1	255-9655	12v	6rpm	600mNm	110.10x38x38
9013305	21:1	440-313	24v	223rpm	70mNm	71.20x38x38
9013314	30:1	440-329	24v	155rpm	100mNm	71.20x38x38
9013317	60:1	440-335	24v	80rpm	200mNm	73.70x38x38
9013311	105:1	440-341	24v	45rpm	300mNm	73.70x38x38
9013320	210:1	440-357	24v	22rpm	600mNm	107.60x38x38
9013323	525:1	440-363	24v	9rpm	600mNm	110.10x38x38
9013327	750:1	440-379	24v	6rpm	600mNm	110.10x38x38