

BDSG-37-40-24V - DC Motors With Spur Gearboxes



FEATURES

- DC Brush Gearmotor
- Designed for High Volume Applications
- Up to 250 oz-in (18 kg-cm) of Peak Torque
- Up to 83 oz-in (6kg-cm) of Continuous Torque
- 37mm Motor Diameter



DESCRIPTION

The BDSG-37-40 Series was designed for high volume OEM applications with low cost being the primary objective. Available in ten gear ratios from 3 to 100, the BDSG-37-40 Series gear motor offers continuous torque of up to 83 oz-in. These motors are fully reversible. The BDSG-37-40 Series gear motors are a cost-effective solution to manage motion control in many rotary applications including medical, semiconductor, pumps, robotics, CNC, or any other situation when a low cost Brush DC gear motor is needed.

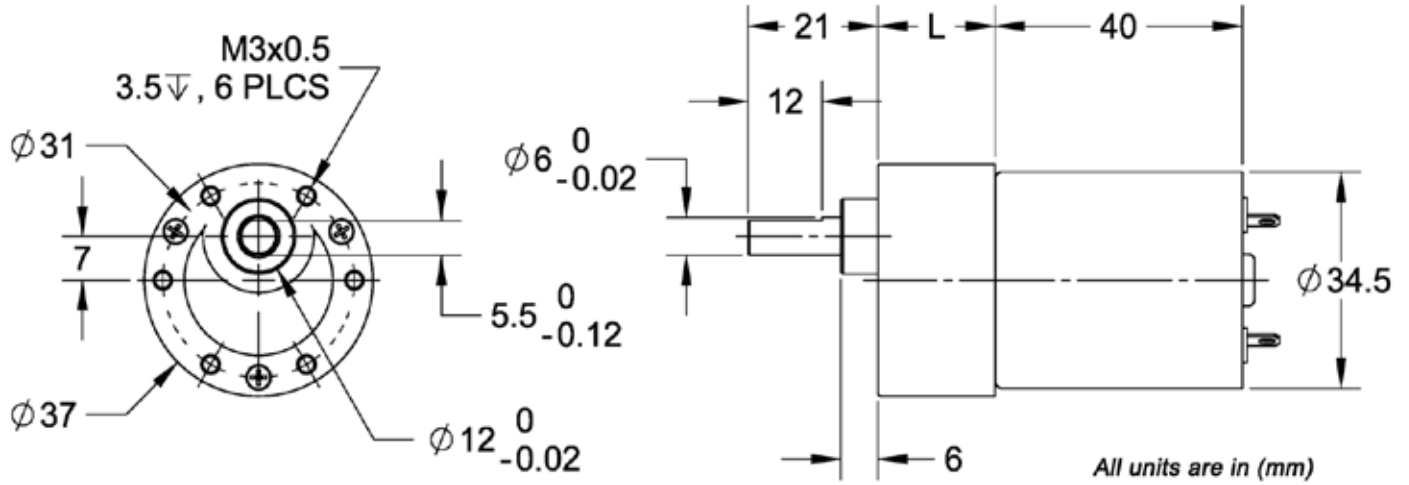
SPECIFICATIONS

Motor Specs	No Load Speed (RPM)	Rated Speed (RPM)	Rated Voltage (V)	No Load Current (A)	Output Power (W)	Rated Current (A)	Stall Current (A)
	5000	3600	24	0.06	3.7	0.38	1.2

Model #	Gear Ratio	No Load Speed (RPM)	Rated Speed (RPM)	Rated Torque (oz-in)	Peak Torque (oz-in)	L Length (mm)	Rotation Direction
BDSG-37-40-24V-5000-R6	6	830	600	4	42	19.0	CCW
BDSG-37-40-24V-5000-R10	10	500	360	8	42	19.0	CCW
BDSG-37-40-24V-5000-R18	18	270	200	14	83	21.5	CW
BDSG-37-40-24V-5000-R30	30	160	120	24	83	21.5	CW
BDSG-37-40-24V-5000-R50	50	100	72	36	167	24.0	CCW
BDSG-37-40-24V-5000-R75	75	65	48	54	167	24.0	CCW
BDSG-37-40-24V-5000-R100	100	50	36	72	167	24.0	CCW
BDSG-37-40-24V-5000-R150	150	33	24	83	250	26.5	CW
BDSG-37-40-24V-5000-R200	200	25	18	83	250	26.5	CW
BDSG-37-40-24V-5000-R250	250	20	14	83	250	26.5	CW
BDSG-37-40-24V-5000-R300	300	16	12	83	250	26.5	CW

L010370

DIMENSIONS



SPECIFICATIONS

Housing Material:	Steel	Bearing at Output:	Ball Bearing
Radial Load:	9.9lbs - Force	Shaft Press Fit Force, Max:	22lbs
Operating Temperature:	14° - 104° F	Humidity:	90% - 95%