

# BDSG-37-40-6V - DC Motors With Spur Gearboxes



## FEATURES

- 37mm DC Brush Gearmotor
- Designed for High Volume Applications
- Up to 83 oz-in of Continuous Torque
- Steel Housing Material
- Ball Bearing Type
- Operating Temperature of 14°F to 104°F
- Humidity of 90% to 95%



## DESCRIPTION

The BDSG-37-40-6V Series is designed for high volume OEM applications with low cost being the primary objective. Available in gear ratios from 6 to 300, the BDSG-37-40-6V Series gearmotors offers continuous torque of up to 83 oz-in. These motors are fully reversible. The BDSG-37-40-6V Series gearmotors are a cost-effective solution to manage motion control in many rotary applications including medical, semiconductor, pumps, robotics, CNC, or any application requiring a low-cost Brush DC Spur gearmotor.

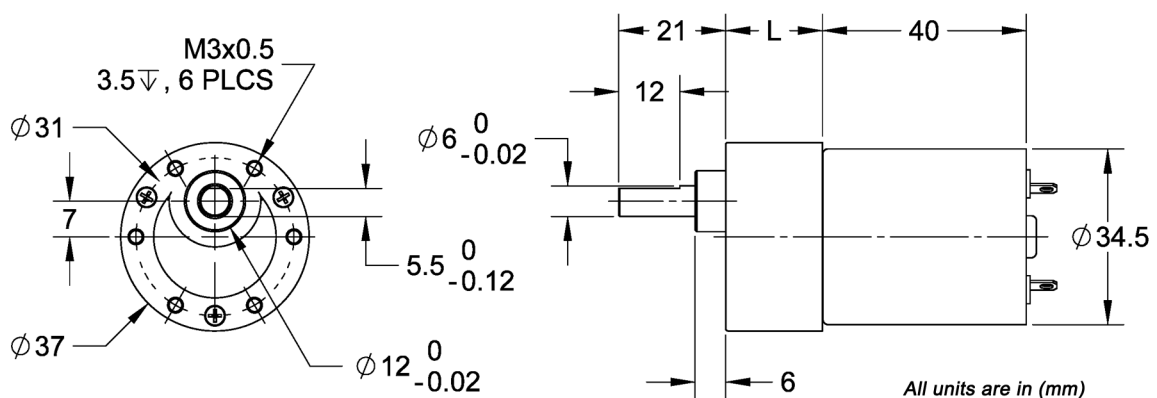
## SPECIFICATIONS

Motor Specs	No Load Speed (RPM)	Rated Voltage (V)	No Load Current (A)	Output Power (W)	Rated Speed (RPM)	Rated Current (A)	Stall Current (A)
	5000	6	0.080	4.2	4300	0.800	1.6

Model #	Gear Ratio	No Load Speed (RPM)	Rated Speed (RPM)	Rated Torque (oz-in)	Peak Torque (oz-in)	Weight (lbs)	L Length (mm)
BDSG-37-40-6V-5000-R6	6	833	717	4	42	0.44	19
BDSG-37-40-6V-5000-R10	10	500	430	8	42	0.44	19
BDSG-37-40-6V-5000-R18	18	278	239	14	83	0.48	21.5
BDSG-37-40-6V-5000-R30	30	167	143	24	83	0.48	21.5
BDSG-37-40-6V-5000-R50	50	100	86	36	167	0.48	24
BDSG-37-40-6V-5000-R75	75	67	57	54	167	0.48	24
BDSG-37-40-6V-5000-R100	100	50	43	72	167	0.48	24
BDSG-37-40-6V-5000-R150	150	33	28	83	250	0.49	26.5
BDSG-37-40-6V-5000-R200	200	25	21	83	250	0.49	26.5
BDSG-37-40-6V-5000-R250	250	20	17	83	250	0.49	26.5
BDSG-37-40-6V-5000-R300	300	17	14	83	250	0.49	26.5

## DIMENSIONS



L010489