

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

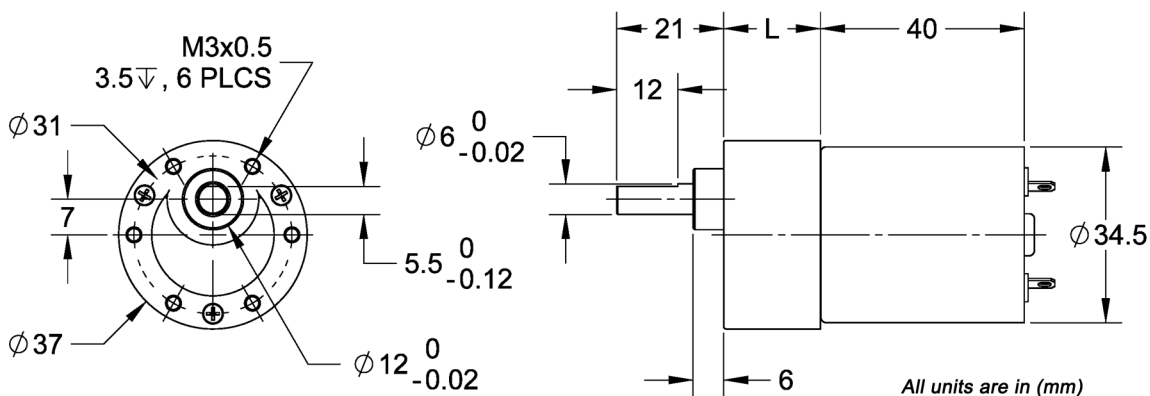
The BDSG-37-40-6V Series is designed for high volume OEM applications with low cost being the primary objective. Available in gear ratios from 6 to 300, the BDSG-37-40-6V Series gearmotors offers continuous torque of up to 83 oz-in. These motors are fully reversible. The BDSG-37-40-6V Series gearmotors 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	80	4.2	4300	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