

# BDSG-60-105 Series



## FEATURES

- **DC Brush Spur Gearmotor**
- **Designed for High Volume Applications**
- **Up to 347 oz-in of Continuous Torque**
- **60mm Motor Diameter**



## DESCRIPTION

The BDSG-60-105 Series was designed for high volume OEM applications with low cost being the primary objective. Available in gear ratios from 3 to 150, the BDSG-60-105 Series gearmotor offers continuous torque of up to 347.18 oz-in. These motors are fully reversible. The BDSG-60-105 Series gearmotors are a cost-effective solution to manage motion control in many rotary applications including medical, semiconductor, pumps, robotics, CNC, or any situation when a low cost Brush DC Spur gearmotor is needed.

## SPECIFICATIONS

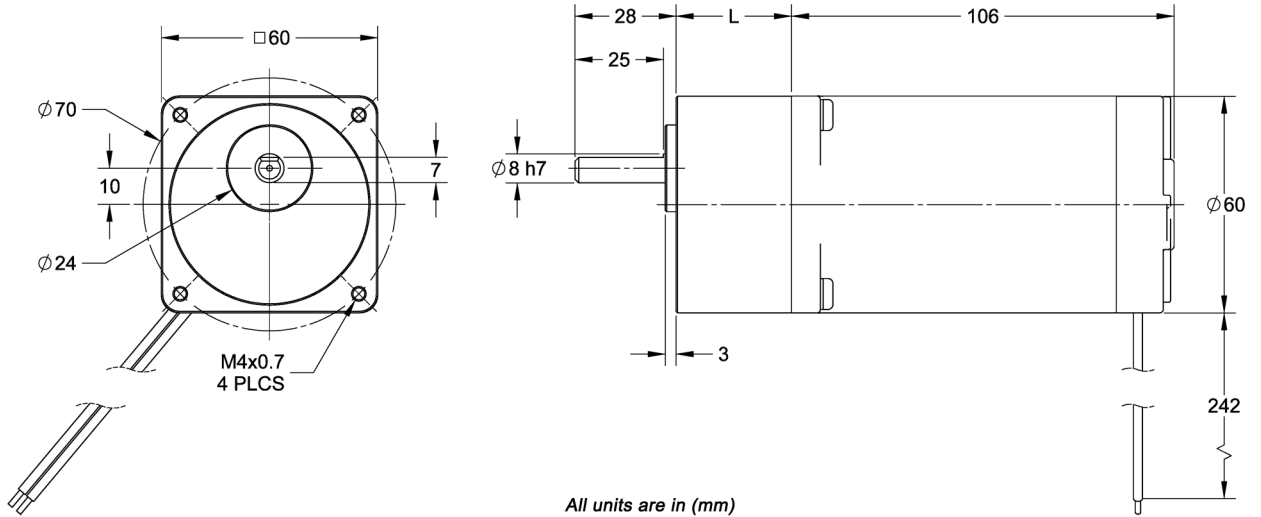
Motor Specs	No Load Speed (RPM)	Rated Voltage (V)	No Load Current (A)	Output Power (W)	Rated Current (A)	Stall Current (A)
	1900	24	0.2	15	1.6	4

Model #	Gear Ratio	No Load Speed (RPM)	Rated Speed (RPM)	Rated Torque (oz-in)	Peak Torque (oz-in)	Weight (lbs)	L Length (mm)
BDSG-60-105-24V-1900-R3	3	633	417	40	417	2.58	32
BDSG-60-105-24V-1900-R5	5	380	250	64	417	2.58	32
BDSG-60-105-24V-1900-R7.5	7.5	253	166	101	417	2.58	32
BDSG-60-105-24V-1900-R10	10	190	125	135	417	2.58	32
BDSG-60-105-24V-1900-R12.5	12.5	152	100	168	417	2.58	32
BDSG-60-105-24V-1900-R15	15	126	83	183	694	2.60	42
BDSG-60-105-24V-1900-R25	25	76	50	304	694	2.60	42
BDSG-60-105-24V-1900-R30	30	63	41	347	694	2.60	42
BDSG-60-105-24V-1900-R50	50	38	25	347	694	2.60	42
BDSG-60-105-24V-1900-R75	75	25	17	347	694	2.60	42
BDSG-60-105-24V-1900-R90	90	21	14	347	694	2.60	42
BDSG-60-105-24V-1900-R100	100	19	13	347	694	2.60	42
BDSG-60-105-24V-1900-R120	120	16	10	347	694	2.60	42
BDSG-60-105-24V-1900-R150	150	12	8	347	694	2.60	42

\*Note: 12V versions also available

L010514

DIMENSIONS



SPECIFICATIONS

Housing Material:	Steel	Bearing at Output:	Ball Bearing
Radial Load:	26.45 lb - Force @ 20mm from the end of the flange		
Operating Temperature:	14°-104° F	Humidity:	90% - 95% Operating