

BDSG-60-105 Series



FEATURES

- **DC Brush Spur Gearmotor**
- **Designed for high volume applications**
- **Up to 347 oz-in of continuous torque**
- **60 mm motor diameter**
- **Custom versions are available**



DESCRIPTION

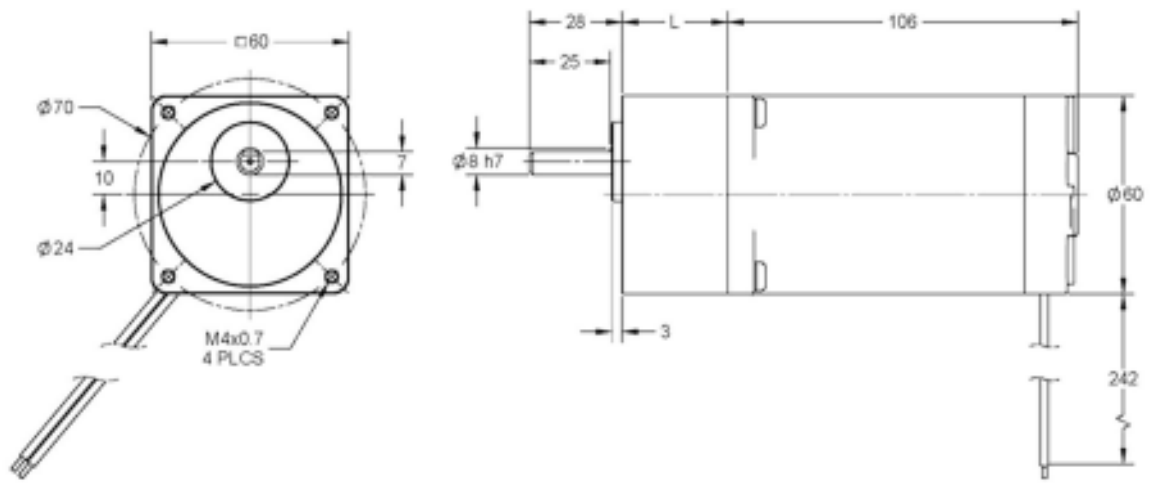
The BDSG-60-105 Series was designed for high volume OEM applications with low cost being the primary objective. Available in gear ratios from 3 to 150, the BDSG-60-105 Series gearmotor offers continuous torque of up to 347.18 oz-in. These motors are fully reversible. The BDSG-60-105 Series gearmotors are a cost effective solution to manage motion control in many rotary applications including medical, semiconductor, pumps, robotics, CNC, or any other 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	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-R4	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

L010514 12V versions also available



*All units are in mm

DIMENSION

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

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