

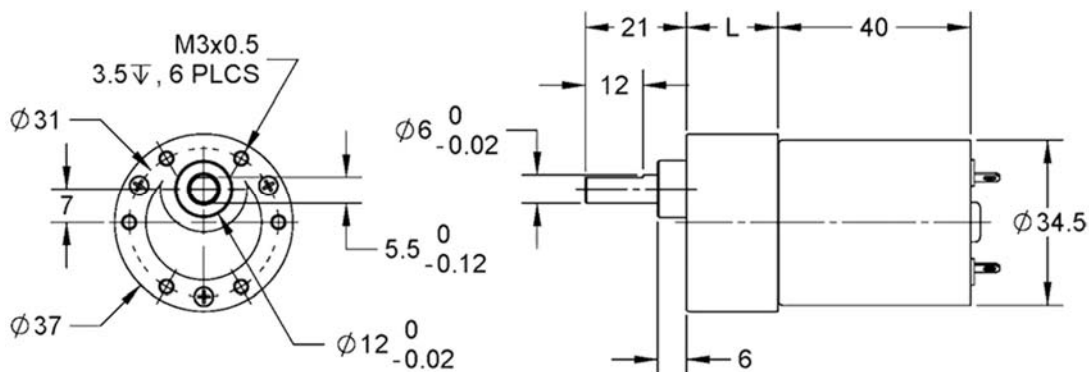
# BDSG-37-40-12V Series



- DC Brush GearMotor
- Designed for high volume applications
- Up to 250 oz in (18 kg-cm) of Peak Torque
- Up to 83 oz in (6 kg-cm) of Continuous Torque
- 37 mm motor body diameter

## BDSG-37-40-12V-5000-Rxx Specifications

Gear Ratio, Rxx number	6	10	18	30	50	75	100	150	200	250	300
Rated Voltage (VDC)	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V
No-load speed before gearbox (RPM)	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
No-load current (A)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Rated speed before gearbox (RPM)	4300	4300	4300	4300	4300	4300	4300	4300	4300	4300	4300
Output Power (Watts)	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Rated current (A)	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
Stall current (A)	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Length "L" (mm)	19	19	21.5	21.5	24	24	24	26.5	26.5	26.5	26.5
No Load Speed after gearbox (RPM)	830	500	270	160	100	65	50	33	25	20	16
Rated Speed after gearbox (RPM)	710	430	230	140	86	57	43	28	21	17	14
Rated Torque after gearbox (kg-cm)	0.3	0.6	1.0	1.7	2.6	3.9	5.2	6.0	6.0	6.0	6.0
Peak Torque after gearbox (kg-cm)	3.0	3.0	6.0	6.0	12.0	12.0	12.0	18.0	18.0	18.0	18.0
Rotation Direction	CCW	CCW	CW	CW	CCW	CCW	CCW	CW	CW	CW	CW



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