

BDPG-36-57 Brush DC Planetary Gearmotor



FEATURES

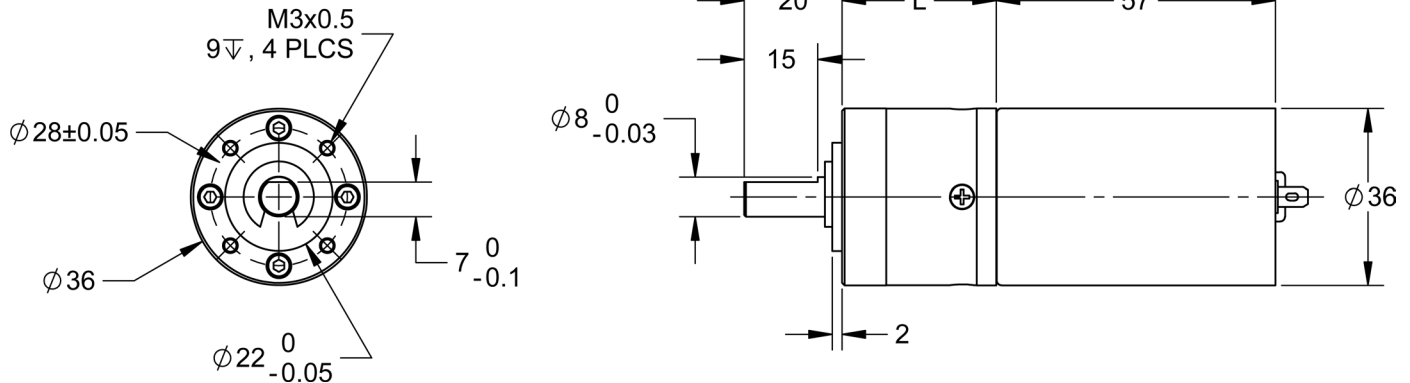
- DC Brush Gearmotor
- Designed for High-Volume Applications
- Up to 417 oz-in of Torque
- 36mm Motor Body Diameter
- Custom Versions are Available
- CE Certified and RoHS Compliant



DESCRIPTION

The BDPG-36-57 Series is designed for high-volume OEM applications with low cost being the primary objective. These Brush DC Planetary Gearmotors come in variety of power levels, sizes, and gear ratios, and will be sure to fit your application's requirements. These motors are fully reversible and 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 Planetary Gearmotor is needed.

DIMENSIONS



SPECIFICATIONS

BDPG-36-57-24V-3000-Rxx

Rated Voltage: 24VDC
Output Power: 4.5W

No-Load Current: 100mA
Rated Current: 0.52A

Stall Current: 2.2A

Gear Ratio (xx)	Exact Gear Ratio	Length "L" (mm)	No Load Speed (RPM)	Rated Speed (RPM)	Rated Torque (oz-in)	Maximum Torque (kg-cm)
3.7	3.71	31.5	810	675	7.2	3.4
5.2	5.18	31.5	577	480	10.3	4.8
14	13.76	38.5	214	178	26.4	13
19	19.22	38.5	157	131	34.7	18
27	26.83	38.5	111	92	49.9	25
51	51.06	48.5	59	49	90.3	47
71	71.30	48.5	42	35	126.4	60
100	99.55	48.5	30	25	180.5	60
139	138.99	48.5	21	18	250.0	60
189	189.45	55.5	16	14	319.4	60
264	264.52	55.5	11	9.5	416.6	60
369	369.32	55.5	8	7.2	416.6	60

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BDPG-36-57-24V-3600-Rxx

Rated Voltage: 24VDC
Output Power: 5W

No-Load Current: 120mA
Rated Current: 0.50A

Stall Current: 2.0A

Gear Ratio (xx)	Exact Gear Ratio	Length "L" (mm)	No Load Speed (RPM)	Rated Speed (RPM)	Rated Torque (kg-cm)	Maximum Torque (kg-cm)
3.7	3.71	31.5	972	810	0.60	3.3
5.2	5.18	31.5	692	577	0.84	4.6
14	13.76	38.5	257	214	2.1	12
19	19.22	38.5	189	157	2.9	17
27	26.83	38.5	133	111	4.1	24
51	51.06	48.5	70	59	7.4	45
71	71.30	48.5	50	42	10	60
100	99.55	48.5	36	30	14	60
139	138.99	48.5	25	22	20	60
189	189.45	55.5	19	16	26	60
264	264.52	55.5	13	12	30	60

BDPG-36-57-24V-4200-Rxx

Rated Voltage: 24VDC
Output Power: 7W

No-Load Current: 120mA
Rated Current: 0.52A

Stall Current: 1.5A

Gear Ratio (xx)	Exact Gear Ratio	Length "L" (mm)	No Load Speed (RPM)	Rated Speed (RPM)	Rated Torque (kg-cm)	Maximum Torque (kg-cm)
3.7	3.71	31.5	1135	986	0.66	2.5
5.2	5.18	31.5	807	702	0.94	3.5
14	13.76	38.5	300	260	2.4	9
19	19.22	38.5	221	192	3.2	13
27	26.83	38.5	155	135	4.6	18
51	51.06	48.5	82	71	8.2	35
71	71.30	48.5	59	51	11	48
100	99.55	48.5	42	36	16	60
139	138.99	48.5	30	26	22	60
189	189.45	55.5	22	19	29	60
264	264.52	55.5	16	14	30	60