

BDWG319H Series DC Brush Gearmotor



FEATURES

- DC Brush Worm Gearmotor
- Designed for High-Volume Applications
- Up to 1,274 oz-in of Rated Torque
- 60mm Motor Body Diameter
- 207mm Overall Length
- Mounting Screws Included



DESCRIPTION

The BDWG319H Series is designed for high-volume OEM applications with low cost being the primary objective. These reliable low cost Brush DC Worm Gearmotors come in a variety of power levels and sizes, and are fully reversible. The BDWG319H Series is a cost-effective solution to manage motion control in many rotary applications including medical, semiconductor, pumps, robotics, hobby, CNC, and many other applications where a low cost Brush DC Worm Gearmotor is needed.

PART NUMBER BREAK DOWN

BDWG319H **N** **P** - **207** - **12** - **30** - **FL** - **C9** - **W5**

	Gear Material	Voltage	RPM	Shaft	Wiring Options
P	Plastic	12	30	F	C9-W5
C	Resin Bonded Fabric	24	45		
B	Bronze		100		

SPECIFICATIONS

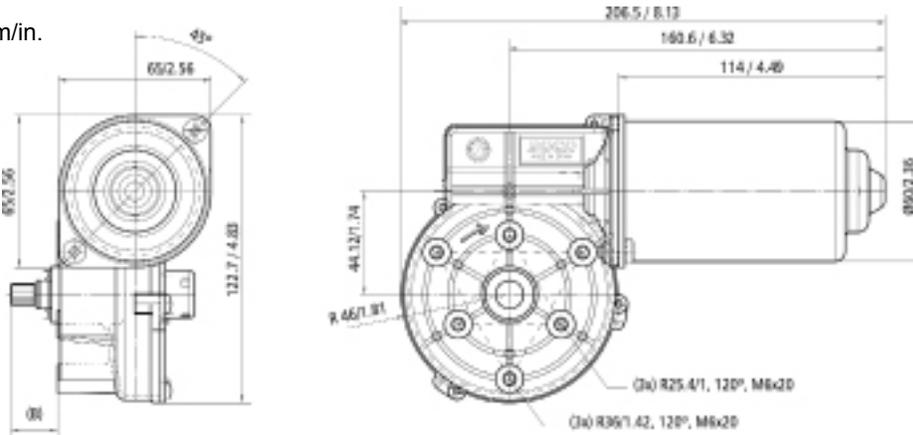
Model #	Rated Voltage (V)	Rated Current (A)	Max Current (A)	Rated Speed (RPM)	Rated Torque (oz-in)	Max Torque (oz-in)	IP Rating	Weight (lbs)	Torque Curve*
BDWG319HNP-207-12-30-FL-C9-W5	12	7	28	30	1,274	7,072	IP40	3.74	15
BDWG319HNP-207-24-30-FL-C9-W5	24	3	15	30	1,274	7,072	IP40	3.74	15
BDWG319HNP-207-12-45-FL-C9-W5	12	6	50	45	1,133	7,072	IP40	3.74	16
BDWG319HNP-207-24-45-FL-C9-W5	24	3	25	45	1,274	8,496	IP40	3.74	17
BDWG319HNP-207-12-100-FL-C9-W5	12	6	60	100	566	5,664	IP40	3.74	18
BDWG319HNP-207-24-100-FL-C9-W5	24	3	30	100	566	5,664	IP40	3.74	18

*See Torque Curves Section

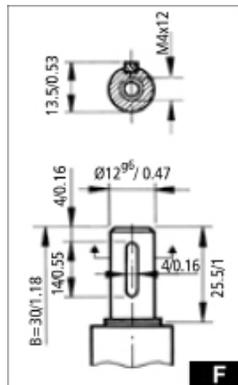
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DIMENSIONS

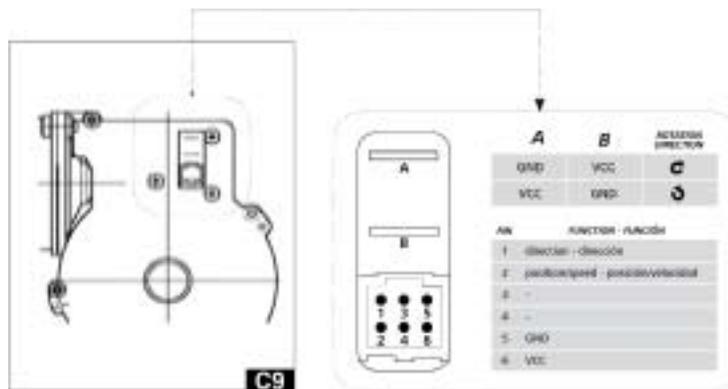
*All units are in mm/in.



SHAFT OPTIONS



CONNECTOR OPTIONS



WIRING OPTIONS

