

FEATURES

- **DC Brush Gearmotor**
- **Designed for High-Volume Applications**
- **Up to 4166.21 oz-in torque**
- **90 mm Motor Body Diameter**
- **Six Gear Ratios to Choose From**
- **CE Certified and UL Listed**



DESCRIPTION

The BDSGS-90-194 Series Brush DC Spur Gearmotor is a high-quality affordable solution for motion control applications such as medical, semiconductor, pumps, robotics, CNC and many more. The 24V BDSGS-90-194 Series has high output and continuous torque of up to 4,166 oz-in and has six different gear ratios available ranging from 3:1 to 200:1. Developed for high-volume OEM applications; the BDSGS-90-194 Brush DC Gearmotor provides cost-effective solutions, never sacrificing quality of system performance.

BUILD A PART NUMBER

Motor Specs	No Load Speed (RPM)	Rated Voltage (V)	No Load Current (mA)	Output Power (W)	Rated Speed (RPM)	Rated Current (mA)
	3000	24	2.0	300	2500	17.0

Model #	Gear Ratio	No Load Speed (RPM)	Rated Speed (RPM)	Rated Torque (oz-in)	Weight (lbs)	"L" Length (in)
BDSGS-90-194-24V-3000-R3	3	1000	840	389	11.02	85
BDSGS-90-194-24V-3000-R10	10	300	252	1305	11.02	85
BDSGS-90-194-24V-3000-R25	25	120	101	2639	11.02	85
BDSGS-90-194-24V-3000-R50	50	60	50	4166	11.02	85
BDSGS-90-194-24V-3000-R100	100	30	25	4166	11.02	85
BDSGS-90-194-24V-3000-R200	200	15	13	4166	11.02	85

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DIMENSIONS

