



3000 Series Gearbox

Medium Duty - Dual Mounting - DC Motor Only



Gearbox Specifications

The 3000 Series is our newest gearcase design, offering industry standard mountings on both sides of the housing. Able to handle a continuous torque rating up to 75 in-lb. Output shaft diameters range from 1/4" through 3/8" with dual outputs, flats, keyways, threads, or square ends to meet your application needs. Other options: multiple gearing materials, needle or ball bearings, and custom wiring harnesses.



Applications: Foodservice Equipment, Agriculture, Industrial Machinery, and Sporting Goods



Features:

- Zinc die-cast housing
- Industry mounting options on both sides of gearbox
- Permanently lubricated with synthetic gear grease
- Noise-reducing phenolic high-speed gearing

3000 DC GEARMOTOR

Information and Specifications

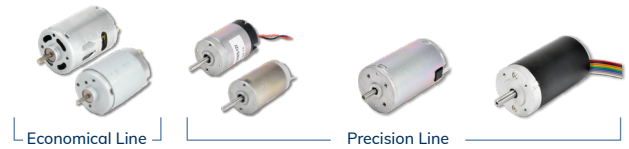


3000 w/ 28Y Precision Motor



3000 w/ Brushless Motor

Compatible DC Motor Options



DC Model	615	12Y & 18Y	28Y	Brushless
Voltage	12 / 24V	12 / 24V	12 / 24V	24V
Speed	1450-5745 RPM	2685-5570 RPM	2538-5615 RPM	4172 RPM
Torque	1.4-2.5 oz-in.	1.0 -1.8 oz-in.	2.6-4.0 oz-in.	10.0 oz-in.
Power	—	1.5 - 10.1 W	4.8-16.3W	30.8W
Frame Size	36mm	32mm	40mm	42mm
Reversible	Yes	Yes	Yes	Yes
Motor Life*	1000+ Hours	3000+ Hours	3000+ Hours	20000+ Hours

*Estimated life - brush life dependent on duty cycle, application, and environment.

DC Gearmotor Performance Specifications

DC Motor	Voltage	Rated Torque	Rated Speed	Rotation	Shaft Size
12Y, & 18Y	12 / 24V	5 - 73 in-lbs.	4 - 50 RPM	Reversible	1/4" to 3/8"
615 - Medium Frame	12 / 24V	19 - 75 in-lbs.	4 - 50 RPM	Reversible	1/4" to 3/8"
28Y - Medium Frame	12 / 24V	5 - 75 in-lbs.	4 - 50 RPM	Reversible	1/4" to 3/8"

Outline Drawing

