



Bodine Hollow Shaft Gearmotors

Hollow shaft gearmotors connect directly to the driven load, reducing the overall size of the gearmotor, as well as eliminating expensive shaft couplings, mounting hardware, chains or sprockets. The hollow shaft flange mount can also eliminate the need for a support bearing on one side of a conveyor roller.

Standard Features

- Versatile, universal mounting options, eliminates the need for multiple gearmotors.
- Continuous output torques from 6.8 to 2,370 lb-in.
- Gear ratios from 5:1 to 280:1.
- Right-angle gearmotors offer output speeds from less than 1 rpm to over 500 rpm.
- Standard hollow bore size ranges typically from 1/2" to 1 1/4". Hypoid gearheads feature 1" and 1 1/4" hollow bore sizes.



24A-3F/H Series DC



33A-5L/H Series DC



33A-GB/H Series DC



Hypoid -25H2 and -30H3 Series AC, PMDC and BLDC



42R-5L/H AC Inverter-Duty



42R6-GB/H Variable Speed AC Inverter-Duty Gearmotor
42R6-GB/H Fixed Speed PSC AC



33A7-HG/H Series DC



42R-HG/H Series Variable Speed AC Inverter-Duty Gearmotor

Specifications	Permanent Magnet DC							AC Variable Speed (3-Phase)					AC Fixed Speed	BLDC
	24A-3F/H	33A-5L/H	SCR Rated 33A-5L/H	33A-GB/H	33A-HG/H	Hypoid 33A-25H2 30A-30H3	SCR Rated 33A-25H2 30A-30H3	42R-5L/H	42R6-GB/H	42R-HG/H	Hypoid 42R-25H2 42R-30H3	42R6-GB/H	Hypoid 42B-25H2 42B-30H3	
Rated Voltage	90/130 24 VDC	90/130 VDC	90 VDC 180 VDC	90/130 VDC	90, 180, 130, 12 & 24 VDC	130 VDC 12 & 24 VDC	90 VDC 180 VDC	230 VAC, 3-phase	230 VAC, 3-phase	230/460 VAC, 3-phase	230/460 VAC, 3-phase	115 VAC	130 VDC	
Motor HP	1/23 / 1/11	1/8 / 1/4	1/7	1/8 / 1/4	1/5 / 1/3	1/5 / 1/3	1/5 / 1/4	3/8	3/8	3/8	1/3	1/6	1/2	
Rated Torque (lb-in.)	5.5 to 47	17 to 109	14 to 89	151 to 380	104 to 702	20 to 1,535	20 to 1,120	up to 121	up to 380	up to 1,020	up to 2,328	up to 380	up to 2,370	
Speed (RPM)	29 to 500	43 to 500	33 to 500	6.2 to 42	23 to 93	10 to 500	10 to 500	23 to 340	6 to 28	16 to 63	7 to 340	5.9 to 14	8 to 400	

For complete specs, and 3D CAD drawings, visit www.bodine-electric.com



Hollow Shaft Gearmotor Accessories



Shaft kits for type 3F/H, 5L/H and GB/H gearmotors (stainless steel)
Not shown: HG, 25H2 and 30H3 shafts



Cover kits for type 3F/H (left), type 5L/H, GB/H (right) 25H2 and 30H3 (bottom) gearmotors



Flange mount kits for type 3F/H (left), type 5L/H and GB/H (right) gearmotors



Base mount kits for type 5L/H (top), and 25H2, 30H3 (bottom) gearmotors

Model No.	Description
0910	Shaft kit for type 3F/H gearmotors, 1/2 inch diameter, single shaft, stainless steel
0920	Shaft kit for type 3F/H gearmotors, 1/2 inch diameter, double shaft, stainless steel
0912	Shaft kit for type 5L/H gearmotors, 5/8 inch diameter, single shaft, stainless steel
0922	Shaft kit for type 5L/H gearmotors, 5/8 inch diameter, double shaft, stainless steel
0917	Shaft kit for type GB/H gearmotors, 3/4 inch diameter, single shaft, stainless steel
0927	Shaft kit for type GB/H gearmotors, 3/4 inch diameter, double shaft, stainless steel
0929	Shaft kit for type 25H2 gearmotors, 1 inch diameter, single shaft, fatigue proof
0930	Shaft kit for type 30H3 gearmotors, 1-1/4 inch diameter, single shaft, fatigue proof
0932	Shaft kit for type HG/H gearmotors, 3/4 inch diameter, single shaft, stainless steel
0933	Shaft kit for type HG/H gearmotors, 3/4 inch diameter, double shaft, stainless steel
0964	Encoder shaft kit, 3/8 inch diameter. For use with type 33A-25H2, type 33A-30H3, type 42R-HG/H, and type 33A-HG/H gearmotors
0950	Cover kit for type 3F/H gearmotors
0951	Cover kit for type 5L/H and GB/H gearmotors
0952	Cover kit for type 25H2 gearmotors
0953	Cover kit for type 30H3 gearmotors
0954	Cover kit for type HG/H gearmotors
0955	Flange mount kit for 3F/H gearmotors
0956	Flange mount kit for 5L/H and GB/H gearmotors
0958	Base Mount Kit for 5L/H Hollow Shaft Gearmotors
0957	Base Mount Kit for type 25H2 Hollow Shaft Gearmotors
0959	Base Mount Kit for type 30H3 Hollow Shaft Gearmotors (PMDC models only)

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New Stainless Steel Worm Gearmotors

Rated IP-69K for protection against high temperature, high pressure washdowns.

Bodine type 56R1-50JW/H, AC inverter-duty, 230/460 VAC, 3-phase, stainless steel worm gearmotors require zero maintenance and are suitable for use in the food and beverage industry, pharmaceutical industry, and in permanently wet environments. Ideal for equipment that is subject to intensive cleaning, these gearmotors also meet EU hygienic standards for food machinery. Accessory kits available.



*Gear ratios: 10:1-60:1; 1/2 HP
Rated torque: up to 638 lb-in
Food grade lubricant*

