



Metric Motors and Gearmotors

Our metric gearmotors and motors feature metric shafts and mounting configurations. AC metric motors are rated at 230 VAC / 50 Hz. Permanent magnet DC motors are available with voltage ratings of 180 VDC. Custom windings can be provided to match almost any international rating. We also offer a complete line of both AC and DC metric right angle and parallel shaft gearmotors.

Parallel Shaft Gearmotors—Metric

up to 0.67 Nm | Parallel Shaft Gearmotors—Metric

A/T

- Metric mounting threads and shaft dimensions
- Three-wire winding simplifies reversing
- Impedance protected to prevent current overload (gearmotor should not be stalled when powered up)
- See page 34 for capacitors

Fixed Speed—AC Gearmotors

Speed (rpm)	Rated Torque		Power		Rated Voltage	Freq. (Hz)	Ph	Current (Amps)	Gear Ratio	Radial Load (oz.)	Capacitor (µF/VAC)	Product Type	Model Number
	oz-in.	Nm	HP	Watts									
7	95	0.67	1/300	2.8	230	50	1	0.06	180	20	0.4/440	KCI-26T4	N1757
42	75	0.53							30			KCI-26A2	N1754
69	45	0.31							18			KCI-26A2	N1753
210	15	0.11							6			KCI-26A2	N1752

CAPACITOR IS REQUIRED



Type K-2A/T

up to 4.5 Nm | Parallel Shaft Gearmotors—Metric

D

- Metric mounting threads and shaft dimensions
- Unvented gearhousing for universal horizontal mounting
- Helical primary gear for quietness and hardened steel spur gearing on subsequent stages for high output torque and long life
- See pages 34 and 35 for capacitors and accessories

Fixed Speed—AC Gearmotors

Speed (rpm)	Rated Torque		Power		Rated Voltage	Freq. (Hz)	Ph	Current (Amps)	Gear Ratio	Radial Load (lbs.)	Capacitor (µF/VAC)	Product Type	Model Number
	lb-in.	Nm	HP	Watts									
7.8	40	4.5	1/48	15	230	50	1	0.17	180	65	1.3/440	30R1BECI-D4	N1562
23	40	4.5	1/41	18				0.21	60			30R2BECI-D3	N1574
47	24	2.7	1/41	18				0.21	30			30R2BECI-D3	N1573
78	14	1.6	1/41	18				0.21	18			30R2BECI-D3	N1572
117	9.7	1.1	1/41	18				0.21	12			30R2BECI-D3	N1571

CAPACITOR IS REQUIRED



Type 30R-D

Permanent Magnet DC Gearmotors

Speed (rpm)	Rated Torque		Power		Rated Voltage	Current (Amps)	Gear Ratio	Radial Load (lbs.)	Product Type	Model Number
	lb-in.	Nm	HP	Watts						
5.8	40	4.5	1/49	15	180	0.13	300	65	24A2BEPM-D5	N1398
9.6	40	4.5	1/49	15		0.13	180		24A2BEPM-D4	N1397
29	40	4.1	1/32	23		0.18	60		24A4BEPM-D3	N1395
58	18	2.0	1/32	23		0.18	30		24A4BEPM-D3	N1394
144	7.3	0.8	1/32	23		0.18	12		24A4BEPM-D3	N1392



Type 24A-D

"N" model numbers require lead time and minimum quantities.

Visit www.bodine-electric.com for 2D/3D CAD drawings