

## Metric—Parallel Shaft Gearmotors | up to 11.3 Nm

- Metric mounting threads and shaft dimensions
- Aluminum center ring and endshields
- Unvented gearhousing
- Industrial lip type seals on motor and output shafts
- Needle bearings on output shaft
- Permanently lubricated with high-performance lubricant
- Helical pinion accurately cut on motor shaft for maximum strength and minimum noise
- 34R-Z: die cast terminal box with terminal block included
- See page 34 for capacitors

## Fixed Speed—AC Gearmotors



Type 34R-Z

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	100	11.3	1/15	50	230	50	1	0.48	180	125	5.0/370	34R4BFCI-Z4	N1449
23	100	11.3						0.5	60	125		34R4BFCI-Z3	N1455
70	40	4.5						0.5	20	100		34R4BFCI-Z2	N1453
233	15	1.7						0.5	6	100		34R4BFCI-Z2	N1451

Permanent Split Capacitor, Non-synchronous (TEFC)

CAPACITOR IS REQUIRED

## Permanent Magnet DC Gearmotors



Type 24A-Z



Type 33A-Z

Speed (rpm)	Rated Torque		Power		Rated Voltage	Current (Amps)	Gear Ratio	Radial Load (lbs.)	Product Type	Model Number
	lb-in.	Nm	HP	Watts						
24A-Z PMDC Gearmotor										
9.6	100	11.3	1/32	23	180	0.18	180	125	24A4BEPM-Z4	N1163
29	36	4.1					60	125	24A4BEPM-Z3	N1161
58	18	2.0					30	125	24A4BEPM-Z3	N1160
288	4	0.44					6	100	24A4BEPM-Z2	N1157
33A-Z PMDC Gearmotor										
29	69	7.8	1/23	32	180	0.33	60	125	33A3BEPM-Z3	N6269
58	35	3.9					30	125	33A3BEPM-Z3	N6268
144	15	1.7					12	100	33A3BEPM-Z2	N6266

## Metric—Parallel Shaft Gearmotors | up to 19.8 Nm

- Metric mounting threads and shaft dimensions
- Lubricated for life
- Synthetic lubricant improves performance, and allows these gearmotors to operate in a wide temperature range
- Models with accessory shafts are ideal for mounting encoders or brakes
- 34R-W: Die cast terminal box with terminal block included
- Adaptor plate, model 0995, allows for 3-hole mounting configuration. See page 34.

## Fixed Speed—AC Gearmotors



Type 34R-W

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									
4.5	175	19.8	1/10	75	230	50	1	0.6	312.4	130	7.5/370	34R6BFCI-W4	N1477
21	146	16.5							65.5	130		34R6BFCI-W3	N1484
69	53	6							20.4	65		34R6BFCI-W2	N1481
255	14	1.6							5.5	65		34R6BFCI-W2	N1478

Permanent Split Capacitor, Non-synchronous

CAPACITOR IS REQUIRED

## Permanent Magnet DC Gearmotors



Type 33A-W

Speed (rpm)	Rated Torque		Power		Rated Voltage	Current (Amps)	Gear Ratio	Radial Load (lbs.)	Product Type	Model Number
	lb-in.	Nm	HP	Watts						
5.5	175	19.8	1/23	32	180	0.33	312.4	130	33A3BEPM-W4	N6247
18	151	17.0	1/14	54		0.41	97.5	130	33A5BEPM-W4	N6256
39	78	8.8	1/14			0.41	43.9	130	33A5BEPM-W3	N6254
85	39	4.4	1/14			0.41	20.4	65	33A5BEPM-W2	N6252
125	27	3.0	1/14			0.41	13.8	65	33A5BEPM-W2	N6251
315	11	1.2	1/14			0.41	5.48	65	33A5BEPM-W2	N6249

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

Control models 1865 (see page 25) and 0865, 0866 (see page 27) are available for metric gearmotors and motors.