

3N/3F Right Angle Gearmotors | up to 37 lb-in., *continued*

Brushless DC Gearmotors



Type 22B-3N

Speed (rpm)	Rated Torque (lb-in.)	Rated Current (Amps)		Peak Torque (lb-in.)	Motor HP	Gear Ratio	Radial Load (lbs.)	Product Type ²	Accy Shaft	No Accy Shaft	Accy Shaft	No Accy Shaft
		24V	130V						24V	130V	24V	130V
42	37	5.9	1.0	147	1/8	60	100	22B4BEBL-3N	3665	3565	3421	3321
62	37			123		40	90		3666	3566	3422	3322
125	35			74		20	80		3667	3567	3423	3323
250	22			46		10	70		3668	3568	3424	3324
500	11			23		5	60		3669	3569	3425	3325

5R/5L Right Angle Gearmotors | up to 77 lb-in.

- Unvented gearhousing for horizontal mounting
- High-performance lubricant
- Hardened and ground worm for high strength and long life
- Capacitors and terminal boxes, page 40
- Reference dimensions, page 46
- Bronze gear for high shock load capability

Fixed Speed—AC Gearmotors



Type 34R-5R



Type 42R-5L

Speed (rpm)	Rated Torque (lb-in.)	Motor HP	V	Hz	Ph	Amps	Gear Ratio	Radial Load (lbs.)	Capacitor (μF/VAC)	Product Type	Model Number
34R-5R Permanent Split Capacitor, Non-synchronous, Class B Temperature Rating (TEFC)										CAPACITOR IS REQUIRED	
28	33	1/15	115	60	1	1.0	60	50	10.0/250	34R4BFCI-5R	0469
43	49						40	50			0468
85	32						20	50			0466
170	18						10	30			0465
42R-5L Permanent Split Capacitor, Non-synchronous, Class B Temperature Rating (TEFC)										CAPACITOR IS REQUIRED	
43	77	1/8	115	60	1	1.7	40	80	12.5/250	42R4BFCI-5L	0627
57	75						30	80			0626
85	54						20	80			0624
170	31						10	10			0623
42R4-5L Split Phase, Non-synchronous, Class B Temperature Rating (TEFC)											
43	77	1/8	115	60	1	3.0	40	80	—	42R4BFSI-5L	0620
57	75						30	80			0619
85	54						20	80			0618
170	31						10	10			0617

Permanent Magnet DC Gearmotors



Type 33A-5R



Type 42A-5L

Speed (rpm)	Rated Torque (lb-in.)	130V Rated Current (Amps)	Peak Torque (lb-in.)	Motor HP	FF	Gear Ratio	Radial Load (lbs.)	Product Type	Model Number
33A-5R 130V Models With Class B Temperature Rating, Grease Lubrication									
50	45	0.71	118	1/12	1.0	40	80	33A3BEPM-5R	6128
67	41		83			30	80		6127
100	29		44			20	80		6126
200	17		23			10	80		6125
33A-5L 130V Models With Class F Temperature Rating, Oil Lubrication									
50	77	1.4	179	1/6	1.0	40	80	33A5BEPM-5L	6119
67	75		169			30	80		6118
100	63		159			20	80		6117
200	37		91			10	80		6116
42A-5L 130V Models With Class F Temperature Rating, Oil Lubrication									
33	117	1.3	185	1/6	1.0	60	80	42A4BEPM-5L	4120
50	77		177			40	80		4119
67	75		169			30	80		4118
100	63		159			20	80		4117
200	37		91			10	80		4116