

Fixed Speed—AC Gearmotors



Type 42R-FX

Speed (rpm)	Rated Torque (lb-in.)	Motor HP	V	Hz	Ph	Amps	Gear Ratio	Radial Load (lbs.)	Capacitor (μF/VAC)	Product Type	Model Number
42R-FX Fixed Speed AC Gearmotors											
Permanent Split Capacitor, Three-Wire Reversible, Non-Synchronous						CAPACITOR IS REQUIRED					
5.7	350	1/4	115	60	1	2.9	300	200	45.0/250	42R6BFCI-FX4	5671
9.4	350						180	200		42R6BFCI-FX4	5669
14	350						120	200		42R6BFCI-FX4	5668
28	350						60	200		42R6BFCI-FX3	5685
57	243						30	300		42R6BFCI-FX3	5683
85	162						20	300		42R6BFCI-FX3	5681
115	122						15	300		42R6BFCI-FX2	5682
170	81						10	300		42R6BFCI-FX2	5680
340	42						5	60		42R6BFCI-FX1	5679

Split Phase (with centrifugal switch), Non-synchronous

5.7	350	1/6	115	60	1	3.6	300	200	—	42R5BFSI-FX4	5639
9.4	350						180	200	—	42R5BFSI-FX4	5637
14	350						120	200	—	42R5BFSI-FX4	5636
19	350						90	200	—	42R5BFSI-FX4	5635
28	321						60	200	—	42R5BFSI-FX3	0655
42	214						40	200	—	42R5BFSI-FX3	0654
57	160						30	300	—	42R5BFSI-FX3	0653
85	107						20	300	—	42R5BFSI-FX3	0652
115	80	1/3	115/230	60	1	4.0/2.0	15	300	—	42R5BFSI-FX2	0651
170	53						10	300	—	42R5BFSI-FX2	0650
340	28						5	60	—	42R5BFSI-FX1	0649



Type 48R-FX

48R-FX Fixed Speed AC Gearmotor											
Permanent Split Capacitor, Non-synchronous								CAPACITOR IS REQUIRED			
57	270	1/3	115/230	60	1	4.0/2.0	30	300	115V=20.0/370 230V=12.5/370	48R6BFCI-FX3	5694
85	218						20	300		48R6BFCI-FX3	5693
113	164						15	300		48R6BFCI-FX2	5695
170	109						10	300		48R6BFCI-FX2	5692
340	56						5	60		48R6BFCI-FX1	5691
Split Phase (with centrifugal switch), Non-synchronous											
57	270	1/3	115/230	60	1	4.8/2.4	30	300	—	48R6BFSI-FX3	0664
85	218						20	300	—	48R6BFSI-FX3	0663
170	109						10	300	—	48R6BFSI-FX2	0662
340	56						5	60	—	48R6BFSI-FX1	0661

Permanent Magnet DC Gearmotors



Type 42A5-FX

Speed (rpm)	Rated Torque (lb-in.)	Rated Current (Amps)	Peak Torque (lb-in.)	Motor HP	FF	Gear Ratio	Radial Load (lbs.)	Product Type ²	Accy Shaft	No Accy Shaft	Accy Shaft	No Accy Shaft
									12/24V		90/130V	
42A-FX Gearmotor												
90/130V Class F Temperature Rating												
6 / 8	350 / 350	2.1 / 2.8	500	3/16 / 3/8	1.4 / 1.0	300	200	42A5BEPM-FX4	—	—	5059	5049
10 / 14	350 / 350		500			180	200	42A5BEPM-FX4	—	—	5058	5048
14 / 21	350 / 350		500			120	200	42A5BEPM-FX4	—	—	5057	5047
29 / 42	350 / 350		450			60	200	42A5BEPM-FX3	—	—	5056	5046
43 / 63	239 / 265		320			40	300	42A5BEPM-FX3	—	—	5055	5045
58 / 83	179 / 248		400			30	300	42A5BEPM-FX3	—	—	5054	5044
86 / 125	119 / 165		270			20	300	42A5BEPM-FX3	—	—	5053	5043
115 / 167	89 / 124		290			15	300	42A5BEPM-FX2	—	—	5052	5042
173 / 250	60 / 83		195			10	300	42A5BEPM-FX2	—	—	5051	5041
345 / 500	31 / 43		72			5	60	42A5BEPM-FX1	—	—	5050	5040
12/24V Class F Temperature Rating												
3 / 8	350	14	500	1/7 / 3/8	1.0	300	200	42A5BEPM-FX4	5079	5069	—	—
6 / 14	350		500			180	200	42A5BEPM-FX4	5078	5068	—	—
8 / 21	350		500			120	200	42A5BEPM-FX4	5077	5067	—	—
17 / 42	350		450			60	200	42A5BEPM-FX3	5076	5066	—	—
25 / 63	265		320			40	300	42A5BEPM-FX3	5075	5065	—	—
33 / 83	248		400			30	300	42A5BEPM-FX3	5074	5064	—	—
50 / 125	165		270			20	300	42A5BEPM-FX3	5073	5063	—	—
67 / 167	124		290			15	300	42A5BEPM-FX2	5072	5062	—	—
100 / 250	83		195			10	300	42A5BEPM-FX2	5071	5061	—	—
200 / 500	43		72			5	60	42A5BEPM-FX1	5070	5060	—	—

¹ SOA: Contact the factory for detailed speed/torque information (Safe Operating Area). See page 25; ² The fifth character of the product type changes from "B" to "F" for accessory ready models;