

Gearmotors

Right-Angle - AC Gearmotors



Output Torque - 14-113 In-Lbs

Features:

- Permanent split capacitor design rated for 115/230VAC 60/50 HZ input
- Worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation
- Precision machined aluminum gear housing
- Lubrication is permanent with an oil bath
- Gearbox has all ball bearings
- Output shaft is field interchangeable from left hand to right hand style by reassembly
- Double output shaft available as a factory option
- Optional conduit box available, see page 342
- Optional gearbox base available (10 Series only), see page 342

Application Notes:

- These right-angle gearmotors have a lubrication breather positioned for horizontal mounting. For other mountings, the breather plug must be reoriented by using a 90 deg 1/8" NPT taper pipe elbow (See drawing). Elbow not available from LEESON
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- Continuous duty run capacitor supplied as standard
- For additional information, see Bulletin 1830
- **Bodine/Dayton direct interchange**

Single Phase - 115/230 Volt - TEFC - Right-Angle

Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Stock
28	37	1/15	M1125080.00	✓
43	34	1/15	M1125081.00	✓
58	40	1/15	M1125082.00	✓
85	24	1/15	M1125083.00	✓
173	14	1/15	M1125084.00	✓
29	110	1/6	M1145037.00	✓
43	113	1/6	M1145038.00	✓
57	95	1/6	M1145082.00	✓
83	75	1/6	M1145039.00	✓
170	43	1/6	M1145040.00	✓
340	23	1/6	M1145041.00	✓

Model Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps @115V	Over-hung Load (lb.)	Dimensions (inches)				Capacitor Mfd. 240 VAC	♥Notes
					P	X	XL	XH		
M31P17NZ19	10F60-31C	60	0.9	185	3.07	3.63	8.94	5.31	10.0 [□]	S, US, 12
M31P17NZ18	10F40-31C	40	0.9	185	3.07	3.63	8.94	5.31	10.0 [□]	S, US, 12
M31P17NZ17	10F30-31C	30	0.9	185	3.07	3.63	8.94	5.31	10.0 [□]	S, US, 12
M31P17NZ16	10F20-31C	20	0.9	185	3.07	3.63	8.94	5.31	10.0 [□]	S, US, 12
M31P17NZ15	10F10-31C	10	0.9	185	3.07	3.63	8.94	5.31	10.0 [□]	S, US, 12
M38P17FZ16	13F60-38F	60	2.0	235	3.85	4.50	12.31	7.81	15.0 [€]	S, US, 13
M38P17FZ17	13F40-38F	40	2.0	235	3.85	4.50	12.31	7.81	15.0 [€]	S, US, 13
M38P17FZ23	13F30-38F	30	2.0	235	3.85	4.50	12.31	7.81	15.0 [€]	S, US, 13
M38P17FZ18	13F20-38F	20	2.0	235	3.85	4.50	12.31	7.81	15.0 [€]	S, US, 13
M38P17FZ19	13F10-38F	10	2.0	235	3.85	4.50	12.31	7.81	15.0 [€]	S, US, 13
M38P17FZ20	13F05-38F	5	2.0	235	3.85	4.50	12.31	7.81	15.0 [€]	S, US, 13

□ 250 VAC

€ 300 VAC

Note 12 - TENV

Specifications are subject to change without notice

♥ Note listing on inside back flap



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