



SUB-FHP AC GEARMOTORS RIGHT-ANGLE SHAFT GEARMOTORS

14-113 In-Lbs Output Torque



Design Specifications:

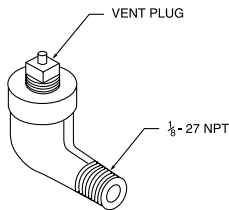
Single phase gearmotors, totally enclosed for continuous duty, general purpose applications. Permanent split capacitor motors rated 115/230 VAC 60/50 hertz input, and have starting torque equal to the running torque.

This worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation. Precision machined aluminum housings are used. Gearbox has all ball bearings. The housing is sealed and lubrication is permanent with an oil bath. The output shaft is field interchangeable from left hand style to right hand style.

Application Notes:

For optimum seal life, these right angle gearmotors have a lubrication breather positioned for horizontal mounting. For other mountings, the breather-plug must be reoriented by using a 90/8" NPT taper pipe elbow (see drawing). However, the motor portion of the gearmotor should never be mounted below the gearhead.

Overhung load capacities shown are at center of output shaft. These motors are supplied with continuous duty "run" capacity. **Conduit box not supplied with motor.** See page 179 for optional conduit box and base kit.



Please contact LEESON for output speeds not listed.
For additional information, see Bulletin 1830.

BODINE/DAYTON DIRECT INTERCHANGE

IP55 AC Washguard Gearmotors Right Angle

Design Specifications:

Single and Three-phase washdown duty gearmotors rated for continuous duty applications. Permanent split designed single-phase motors include capacitor in conduit box. Motors are designed for extended life in applications requiring regular washdown or otherwise wet environments. Avoid shaft up applications, with motor below, should shaft seal fail.



Features include:

- 304 Stainless steel external shafts
- White epoxy painted motors
- O-rings and gaskets used for sealing
- Hardened Worm-type gearing used
- Interior components protected against corrosion
- Ball bearings used in gear housing
- Sealed output shafts
- Output shafts have needle bearings for high load capacities
- UL listed and CSA certified

RIGHT-ANGLE AC GEARMOTORS TOTALLY ENCLOSED • 115/230 V • SINGLE PHASE

60 Hz Output RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Gearmotor Type & Frame	Ratio to 1	F.L. Amps 115V AC	Over-hung Load (Lb.)	DIMENSIONS				Capacitor Mfd.
								P Dia.	X Inches	XL Inches	XH	
28	37	1/15	M1125080.00	10F60-31C	60	0.9	185	3.07	3.63	8.94	5.31	10.0+
43	34	1/15	M1125081.00	10F40-31C	40	0.9	185	3.07	3.63	8.94	5.31	10.0+
58	40	1/15	M1125082.00	10F30-31C	30	0.9	185	3.07	3.63	8.94	5.31	10.0+
85	24	1/15	M1125083.00	10F20-31C	20	0.9	185	3.07	3.63	8.94	5.31	10.0+
173	14	1/15	M1125084.00	10F10-31C	10	0.9	185	3.07	3.63	8.94	5.31	10.0+
29	110	1/6	M1145037.00**	13F60-38F	60	2.0	235	3.85	4.50	12.31	7.81	15.0*
43	113	1/6	M1145038.00**	13F40-38F	40	2.0	235	3.85	4.50	12.31	7.81	15.0*
57	95	1/6	M1145082.00**	13F30-38F	30	2.0	235	3.85	4.50	12.31	7.81	15.0*
83	75	1/6	M1145039.00**	13F20-38F	20	2.0	235	3.85	4.50	12.31	7.81	15.0*
170	43	1/6	M1145040.00**	13F10-38F	10	2.0	235	3.85	4.50	12.31	7.81	15.0*
340	23	1/6	M1145041.00**	13F05-38F	5	2.0	235	3.85	4.50	12.31	7.81	15.0*

** TEFC enclosure.

+ 250 VAC

* 300 VAC

RIGHT ANGLE SERIES AC WASHDOWN DUTY GEARMOTORS

RPM	F.L. Torque (Lb.In.)	Input HP	Catalog Number	Gearmotor Type	Ratio to 1	Voltage	Phase
43	113	3/8	M1145141.00	RIGHT-ANGLE	40	115/230	1
83	75	3/8	M1145142.00	RIGHT-ANGLE	20	115/230	1
340	23	3/8	M1145143.00	RIGHT-ANGLE	5	115/230	1
29	220	3/8	M1145146.00	RIGHT-ANGLE	60	230	3
172	105	3/8	M1145147.00	RIGHT-ANGLE	10	230	3



White Duck

Specifications are subject to change without notice