

TWO-WINDING VARIABLE TORQUE PSC TYPE FOR SHAFT MOUNTED FAN APPLICATIONS

These fan and blower duty motors are designed for dependable, energy saving performance in applications where the fan is mounted on the shaft of the motor. The permanent split capacitor design does not require a centrifugal switch, resulting in higher reliability than on other types of single phase motors. This design is also more energy efficient and less expensive to operate.



These motors may be operated at listed speed or two speed operation may be achieved by using the proper auxiliary switch. They are suitable for variable speed by adjusting the voltage to the motor using a variable voltage control, except as noted by ∇.

Overload protected with an automatic reset protector. Grounding provisions. Totally enclosed, dust tight design, with resilient mounting for quiet operation. Lubricated with quiet running high temperature lubricant. Corrosion resistant finish for tough applications. Because of the inherently low starting torques of this design, these motors are not suitable for belt driven fan applications. They must be mounted within the air stream of the driven fan.



* The useable shaft of this motor is 3/4" longer than NEMA standard to accommodate fan on shaft mountings. 48Z is 1/2" diameter by 2 1/4". 56Z is 5/8" diameter, 2 9/8" long. All have 1" extended through bolts. Except Catalog Numbers 100805 and 100806 which are extended 1/4".

∇ Suitable for single speed operation only.

□ Combination 56H base motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft.

① Has provisions for belly band and pedestal fan mount—no rigid base.

② In addition to resilient base, this motor has provisions for belly band and pedestal fan mount.

✓ This split phase start, capacitor run motor is suitable for belt drive within the airflow of the fan.

⊛ Shaft is 5/8" by 2.0"

** Shaft is 5/8" by 2 5/8"

* Shaft is 3/4" by 3 1/2"

CAST IRON RODENT SCREEN MOTORS

Open Drip Proof designs having Rodent screens. Typically used in AG fan and blower applications.

Features include:

- NEMA Premium efficiency
- Rodent Screens
- Re-greasable Bearings
- 1.25 Service Factor
- Class F insulation
- Inverter Duty Insulation System
- UL Recognized and CSA certified



SINGLE PHASE • PSC • TEAO • RESILIENT BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/4	1800	48Z*	100803.00	19	115/230	Auto.	1.4	10.66
	1200	48Z*	100824.00	20	115/230	Auto.	1.4	10.66
	1200	S56Z*	100805.00	22	115/230	Auto.	1.4	11.06
1/3	1800	48Z*	100804.00	21	115/230	Auto.	1.6	10.66
	1800	S56H	100767.00	22	115/230	Auto.	1.6	10.31
	1800	56HY	111348.00⊛	24	115/230	Auto.	1.7	13.44
	1200	48Z*	100825.00	25	115/230	Auto.	1.8	11.16
1200	S56HZ*	100806.00	27	115/230	Auto.	1.8	11.56	
1/2	1800	56HZ*	111323.00	30	115/230	Auto.	2.6	12.56
	1800	S56H	100768.00	36	115/230	Auto.	2.2	10.81
	1200	48Z*	101645.00	33	115/230	Auto.	2.8	11.16
	1200	56HZ*	111321.00□	37	115/230	Auto.	3.0	13.56
	900	48YZ⊛	M099836.00∇	24	115/230	Auto.	3.0	11.55
900	56HZ*	111919.00□∇	40	115/230	Auto.	3.2	13.56	
3/4	1800	56HZ*	111324.00	34	115/230	Auto.	3.5	13.06
	1800	56H	111266.00	36	115/230	Auto.	3.5	12.31
	1200	56HZ*	111322.00□∇	44	115/230	Auto.	4.0	13.56
1	1800	56HZ	111267.00	39	115/230	Auto.	4.4	12.81

These motors have a 1.0 Service Factor

SINGLE PHASE • PSC TYPE • RIGID BASE TOTALLY ENCLOSED AIR OVER (TEAO)

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/4	1800	48Y	101252.00∇	19	115/208-230	Auto.	1.5	10.90
	1800	48Y	100699.00	19	115/230	Auto.	1.4	10.65
	1800	48Y	M099799.00	19	115/230	Auto.	1.5	10.79
	1200	48Y	M099260.00	21	115/230	Auto.	1.2	10.83
1/3	1800	48Y	M090253.00∇	22	115/230	Auto.	1.8	10.47
	1800	48Y	101253.00∇	22	115/208-230	Auto.	1.9	10.65
	1800	48Y	100700.00	22	115/230	Auto.	1.6	10.65
	1800	56Y	111202.00①	24	115/230	Auto.	1.7	12.00
	1800	48Y	M099800.00	22	115/230	Auto.	1.8	10.79
	1200	48Y	M099261.00	21	115/230	Auto.	1.5	11.34
1200	S56Y	100604.00	23	115/230	Auto.	1.8	11.40	
1/2	1800	S56Y	101176.00/∇	26	115/230	Auto.	3.5	10.40
	1800	48Y	100701.00	29	115/230	Auto.	2.5	12.15
	1800	48Y	M099801.00	29	115/230	Auto.	2.5	10.79
1200	48Y	M099946.00	26	115/230	Auto.	2.5	11.81	
3/4	1200	56HZ	M099847.00	36	115/230	Auto.	3.6	13.56

THREE-PHASE - OPEN DRIP PROOF - RIGID BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	Eff.	"C" Dim. (Inches)
15	1800	254T	170540.60	279	208-230/460	37.0	93.0	20.9
20	1800	256T	170541.60	324	208-230/460	51.0	93.0	22.6
30	1800	286T	170542.60	471	208-230/460	71.0	93.6	23.5

TWO-WINDING VARIABLE TORQUE PSC TYPE FOR SHAFT MOUNTED FAN APPLICATIONS

These fan and blower duty motors are designed for dependable, *energy saving* performance in applications where the fan is mounted on the shaft of the motor. The permanent split capacitor design does not require a centrifugal switch, resulting in higher reliability than on other types of single phase motors. This design is also more energy efficient and less expensive to operate.



These motors may be operated at listed speed or two speed operation may be achieved by using the proper auxiliary switch. They are suitable for variable speed by adjusting the voltage to the motor using a variable voltage control.

Overload protected with a UL and CSA recognized automatic reset protector. Grounding provisions. Totally enclosed, dust tight design, with resilient mounting for quiet operation. Lubricated with Exxon POLYREX® EM high temperature lubricant. Exterior coating on 56-frame motors

is two-stage epoxy and on 48-frame motors a baked-on powder coat is applied for extra corrosion resistance in tough applications. Because of the inherently low starting torques of this design, these motors are not suitable for belt driven fan applications. They must be mounted within the air stream of the driven fan.



TWO-SPEED, TWO-WINDING VARIABLE TORQUE FOR BELT DRIVEN OR SHAFT MOUNTED FAN APPLICATIONS

Variable torque, two-speed motors are suited for belted or fan on shaft applications. They are self ventilated, and may be mounted within or outside of the driven fan's air stream.



Resilient mounted for quiet operation, and lubricated with high temperature Exxon POLYREX® EM lubricant.

3/4 HP and larger single phase are capacitor start motors; smaller single phase are split phase start.

- Suitable for single speed operation only.
- ① Has provisions for Bellyband and pedestal fan mounting – no rigid base.
- ② In addition to resilient base, this motor has provisions for Bellyband and pedestal mounting.
- Combination 56H base motors have mounting holes for NEMA 56 and NEMA 143-ST and a standard NEMA 56 shaft.
- ④ These 825 and 1075 RPM motors suitable for single speed operation only.
- * The shaft of this motor is 3/4" longer to accommodate fan on shaft mountings. 48Z is 1/2" diameter by 2 1/4". 56Z is 5/8" diameter, 2 5/8" long. All have 1" extended through bolts, except Catalog Numbers 100805 and 100806 which are extended 1/4".
- ☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.
- ✓ This split phase start, capacitor run motor is suitable for belt drive within the airflow of the fan.
- A Subject to Availability.

SINGLE PHASE • PSC TYPE • RESILIENT BASE TOTALLY ENCLOSED AIR OVER (TEAO)

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/4	1800	48Z*	100803.00	19	115/230	Auto.	1.4	10.66
	1200	48Z*	100824.00	20	115/230	Auto.	1.4	10.66
	1200	S56Z*	10080500	22	115/230	Auto.	1.4	11.06
1/3	1800	48Z*	100804.00	21	115/230	Auto.	1.6	10.66
	1800	S56H	100767.00	22	115/230	Auto.	1.6	10.31
	1800	56HY	111348.00②	29	115/230	Auto.	1.7	12.94
	1200	48Z*	100825.00	25	115/230	Auto.	1.8	11.16
	1200	S56HZ*	100806.00	27	115/230	Auto.	1.8	11.56
	1200	56HZ*	111321.00□	37	115/230	Auto.	3.0	13.56
1/2	1800	56HZ*	111323.00	30	115/230	Auto.	2.6	12.56
	1800	S56H	100768.00	36	115/230	Auto.	2.2	10.81
	1200	48Z*	101645.00	27	115/230	Auto.	2.8	11.16
	1200	56HZ*	111321.00□	37	115/230	Auto.	3.0	13.56
	900	56HZ*	111919.00□④	45	115/230	Auto.	3.2	13.56
	1800	56HZ*	111322.00□④	44	115/230	Auto.	4.0	13.56
3/4	1800	56HZ*	111324.00	34	115/230	Auto.	3.5	13.06
	1800	56H	111266.00	36	115/230	Auto.	3.5	12.31
	1200	56HZ*	111322.00□④	44	115/230	Auto.	4.0	13.56
1	1800	56HZ*	111267.00	39	115/230	Auto.	4.4	12.81

These motors have a 1.0 Service Factor.

SINGLE PHASE • PSC TYPE • RIGID BASE TOTALLY ENCLOSED AIR OVER (TEAO)

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/4	1800	48Y	100699.00	19	115/230	Auto.	1.4	10.65
	1800	48Y	101252.00*	19	115/208-230	Auto.	1.5	10.40
1/3	1800	48Y	100700.00	21	115/230	Auto.	1.6	10.65
	1800	56Y	111202.00① A	27	115/230	Auto.	1.7	12.00
	1800	48Y	101253.00* A	22	115/208-230	Auto.	1.9	10.65
	1200	S56Z	100604.00	23	115/230	Auto.	1.8	11.40
1/2	1800	48Y	100701.00	25	115/230	Auto.	2.5	12.15
	1800	S56Y	101176.00*✓	24	115/230	Auto.	3.5	10.40

SINGLE PHASE • DRIP-PROOF • RESILIENT BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps High/Low	"C" Dim. (Inches)
1/4-1/12	1800/1200	48Z*	101020.00	20	115	None	4.2-3.2	11.64
1/3-0.15	1800/1200	S56H	101021.00	26	115	None	5.0-4.6	12.27
1/2-1/4	1800/1200	56H	111953.00	33	115	None	7.8-4.6	12.31
	1800/1200	56H	113643.00	33	230	None	3.9-2.3	12.31
3/4-1/3	1800/1200	56H	111954.00□	38	115	None	11.6-7.4	12.81
	1800/1200	56H	113672.00□	39	230	None	5.8-3.7	12.81
1-0.44	1800/1200	56H	111955.00□☆	41	115	None	13.2-9.5	12.81
	1800/1200	56H	113373.00□☆	39	230	None	6.5-4.6	12.81

THREE PHASE • DRIP-PROOF • RESILIENT BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps High/Low	"C" Dim. (Inches)
1/2-.22	1800/1200	56H	111956.00 A	32	208-230	None	1.8-1.1	12.31
	1800/1200	56H	111957.00	32	460	None	0.9-0.5	12.31
3/4-1/3	1800/1200	56H	111958.00□ A	36	208-230	None	2.8-1.6	12.81
	1800/1200	56H	111959.00□	36	460	None	1.4-0.8	12.81
1-0.44	1800/1200	56H	111960.00□	40	208-230	None	4.0-2.4	12.81
	1800/1200	56H	111961.00□	40	460	None	1.8-1.0	12.81
1 1/2-.67	1800/1200	56H	111962.00□	40	208-230	None	5.0-2.6	12.81
	1800/1200	56H	111963.00□	40	460	None	2.5-1.3	12.81

These motors have a 1.0 Service Factor.

AERATION FAN MOTORS

Totally Enclosed Air Over Motors, dust tight, suitable for shaft mounted fans. Capacitor start designs.

Designed to be used within the airflow of the driven fan, these motors offer protection from the environment and are finished in epoxy enamel to resist corrosion in tough atmospheres.

Lubricated with high temperature Exxon POLYREX[®] EM lubricant. Grounding provisions. Fully gasketed.



SINGLE PHASE • CAPACITOR START • RIGID BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
3/4	3600	56Z	111332.00 ^⑦	27	115/230	None	5.0	10.90
1	3600	56Z	111333.00 ^⑦	29	115/230	None	6.0	10.90
1½	3600	56Z	111949.00 ^⑦	32	115/230	None	8.5	11.40
	3600	143TZ	120374.00 ^⑧	32	115/230	None	8.5	11.84
2	3600	145TZ	120375.00 ^⑧	41	230	None	10.0	13.34
3	3600	145T	120376.00 [☆]	45	230	None	12.8	13.84

These TEAO motors have a 1.0 Service Factor.
Built-in terminal panel for quick easy connections.

THREE PHASE • RIGID BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3/4	3600	56Z	111334.00 ^⑦	21	208-230/460	2.4	75.5	9.88
1	3600	56Z	111335.00 ^⑦	22	208-230/460	3.2	77.0	9.90
1½	3600	143TZ	120377.00 ^⑧	31	208-230/460	4.2	82.5	11.34
2	3600	145TZ	120378.00 ^⑧	34	208-230/460	5.6	82.5	11.84
3	3600	145T	120379.00 ^⑧	38	208-230/460	7.6	84.0	12.34

These TEAO motors have a 1.0 Service Factor.

SINGLE PHASE • TEAO • THRU BOLT MOUNT

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/3	1800	48Y	M090085.00	20	115/230	Auto	1.8	10.79
1/2	1800	48Y	M090086.00	22	115/230	Auto	2.5	10.79
	900	56Z	114620.00 [∇]	35	115/230	Auto	3.2	12.63
	900	48Y	M099250.00 ^{☆☆∇}	24	115/230	Auto	3.0	11.00

SINGLE & THREE PHASE • TEAO • C FACE LESS BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	Phase	F.L. Amps 230V	"C" Dim. (Inches)
1/2	900	S56C	M099251.00 [∇]	24	115/230	Auto	1	3.0	10.40
1	900	S56CZ	M009644.00 [∇] *	45	230	Auto	1	4.6	15.60
1/2	900	56C	116201.00	35	208-230/460	...	3	3.0	10.90
1	900	56C	116202.00	45	208-230/460	...	3	5.0	12.90

THREE PHASE • DRIP-PROOF[★] AUTOMATIC OVERLOAD • BELLY BAND & RIGID MOUNT

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/2	1200	56Y	116772.00 ^Δ	25	208-230/460	2.8	66.0	12.56
3/4	1200	56Y	116773.00 ^Δ A	31	208-230/460	3.4	75.5	13.06
	1200	56Y	111147.00 ^Δ	37	208-230/460	3.6	77.0	14.06
1	1200	56Y	115778.00 ⁺	37	208-230/460	4.0	77.0	14.05
	1200	56Y	111148.00 ^Δ	42	208-230/460	5.2	78.0	15.06
1½	1200	56HY	115779.00 ⁺	39	208-230/460	5.6	79.0	15.55

⑦ Standard 5/8" diameter shaft with keyway plus 3/4" deep hole drilled and tapped to 1/4-20 UNC in end of shaft to facilitate mounting of some fan blades.
 ⑧ Standard 7/8" diameter shaft with keyway plus 3/4" deep hole drilled and tapped to 1/4-20 UNC in end of shaft to facilitate mounting of some fan blades.
 ☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.
 + Rigid base.
 Δ Belly band mount.
 ★ Do Not use with AC Inverters.
 A Subject to Availability.

VENTILATION FAN MOTOR SHAFT-MOUNTED • DUST-TIGHT

Totally enclosed, high efficiency, permanent split capacitor motor for direct drive exhaust ventilation fans in poultry and livestock houses. Fully gasketed, dust-tight construction with sealed bearings and shaft slinger. Automatic thermal overload protector. Extended through-bolts for mounting, no base. Built-in terminal panel for quick, easy connection. Grounding provision.

Because of the inherently low starting torque of this design, this motor is not suitable for belt-driven fan applications. It must be mounted in the air stream of the fan for cooling.



CONDENSER FAN MOTORS

For Shaft Mounted Fan Applications

Belly Band Mount Fan Motors designed for operating vertical shaft-up on condenser fan, air over applications.

Enclosed endshield on shaft-end prevents contaminants from entering motor when mounted vertical shaft-up. Designed for belly band mount with three support screws located at 120° increments in motor frame. Shaft flingers located both internally and externally.

Double sealed ball bearings with Exxon POLYREX[®] EM grease having operating temperature range of -20°F to +350°F and special formulation to provide extra long life and moisture resistance. Phosphatized shaft for corrosion resistance. Gasketed conduit box. Ground screw accommodations.

1.15 Service Factor. Automatic overload protector also guards against primary single phasing—UL component recognized (File E57955).



FAN & BLOWER MOTORS

SINGLE PHASE • COMMERCIAL DUTY



INDUSTRIAL SPLIT PHASE MOTORS

LEESON FHP Commercial Duty, split phase motors with moderate starting torque, designed for continuous duty on ventilation fans, blowers and other belt driven or fan on shaft applications.



Resilient base for quiet operation. Pre-lubricated ball bearings for long life in commercial and industrial environments. Has automatic thermal overload and built-in terminal panel style connection provisions.

DRIP-PROOF • RESILIENT BASE • AUTOMATIC OVERLOAD

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 115V	Service Factor	"L" Dim. (Inches)	"C" Dim. (Inches)
1/4	1800	48	191868.00①	15	115/230	Auto.	4.6	1.35	4.00	9.37
1/3	1800	48	191869.00①	17	115/230	Auto.	5.8	1.35	4.51	9.88
1/2	1800	48	191870.00①	19	115/230	Auto.	8.4	1.25	5.02	10.39

Dimensions on Page 282

① Motors built after December 01, 2005 have terminal boards.

RESIDENTIAL/INDUSTRIAL BELTED FAN MOTORS SPLIT PHASE

Designed for use in residential and commercial fans and blowers where low starting torque is required. (Air conditioners, roof ventilators and exhaust fans.)



Ball bearings. NEMA Service factors. Resilient "cradle" style base.

OPEN DRIP-PROOF • RESILIENT BASE • AUTOMATIC OVERLOAD

HP	SYN RPM 60 Hz	NEMA Frame	Bearing Type	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 115V	"C" Dim. (Inches)
1/4	1800	48YZ☆	Ball	M900195.00	13	115	Auto.	5.0	9.72
1/3	1800/1200	56	Ball	M900277.00	20	115	Auto.	5.3/2.9	10.78
	1800	48YZ☆	Ball	M900196.00	15	115	Auto.	6.1	9.72
1/2	1800/1200	56	Ball	M900599.00	30	115	Auto.	8.4/4.5	11.85
	1800	48YZ☆	Ball	M900197.00	20	115	Auto.	7.2	10.72

☆ 48YZ motors have std. 48-frame base with 1/2" dia. x 1 7/8" long shaft ext. with flat. Also includes sleeve to convert shaft to 5/8" dia. with 3/16" square key.

PREMIUM EFFICIENCY INDUSTRIAL/RESIDENTIAL BELTED FAN MOTORS

High-efficiency motors for residential or industrial belted fan application.

Features include quiet ball bearings, resilient cradle base and "Super-Hush" flow-through ventilation.

Rotors are specially balanced for smooth and quiet operation.

Spade connectors on terminal board in standard wiring format along with industry standard mounting allow for quick and easy interchange with other makes.



OPEN DRIP-PROOF • 115V • SINGLE PHASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 115V	% F.L. Eff.	"C" Dim. (Inches)
1/4	1800	48	M090602.00*	15	115	Auto.	2.5	71.0	9.88
1/3	1800	48	M090405.00*	19	115	Auto.	3.2	75.0	9.88
1/2	1800	48	M090585.00**	22	115	Auto.	4.6	76.0	10.50

* Split-phase start, capacitor run
** Capacitor start, capacitor run



Features:

- Drop-in replacement for most standard belted-fan motors
- Extremely quiet running compared to standard fan motors
- Consumes approximately half of the power of a standard fan motor

PEDESTAL FAN MOTORS

LEESON FHP Commercial Duty totally enclosed, air over fan motors for air circulators where motor is mounted directly to fan column.

Energy efficient, permanent split capacitor type design eliminates the centrifugal switch for "three phase" reliability. Totally enclosed ball bearing design for commercial and industrial environments. Automatic thermal overload protection, reversible.

Heavy-gauge steel yoke is welded to the motor frame. Four 10-32 mounting studs are extended 1.0" on 5.14" bolt circle for mounting of fan shroud.

Motors are UL and CSA Recognized for both the U.S. and Canadian markets.



SINGLE PHASE • PSC TYPE • TEAO • YOKE MOUNTED AUTOMATIC OVERLOAD • 1.0 S.F.

HP	SYN RPM 60 Hz*	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 115V	"C" "U" Dim.	Dim. (Inches)
1/4	1800	48Y	191872.00	14	115/230	Auto.	2.6	0.500	10.95
	1800	48Y	191908.00	14	115/230	Auto.	2.6	0.625	10.95
	1200	48Y	191891.00	22	115/230	Auto.	2.4	0.500	10.95
	1200	48Y	191909.00	25	115/230	Auto.	2.4	0.625	10.95
1/3	1800	48Y	191871.00	15	115/230	Auto.	3.4	0.500	10.95
	1800	48Y	191910.00	15	115/230	Auto.	3.4	0.625	10.95
	1200	48Y	191892.00	23	115/230	Auto.	3.0	0.500	11.46
	1200	48Y	191911.00	26	115/230	Auto.	3.0	0.625	11.46
1/2	1800	48Y	191873.00	24	115/230	Auto.	4.6	0.500	10.95
	1800	48Y	191875.00	24	115/230	Auto.	4.6	0.625	10.95
	1200	48Y	191893.00	26	115/230	Auto.	5.0	0.500	11.93
	1200	48Y	19191200	26	115/230	Auto.	5.0	0.625	11.93

*Two speed operation possible by connecting 115V power to 230V connections. Actual speed (approx. 67% of rated speed) will depend on fan blade design.

Dimensions on page 282



By Regal-Beloit

AC MOTORS

GE COMMERCIAL MOTORS BY REGAL BELOIT DIRECT DRIVE FURNACE & CENTRAL AIR CONDITIONING MOTORS PERMANENT SPLIT CAPACITOR • 5 1/2" DIAMETER • TWO & THREE SPEED

Features:

- Reversible Rotation
• Mounting holes in shell for capacitor bracket
• Designed for 370 Volt capacitor (not furnished)
• 4" shaft extension
• Extended clamp screws on shaft end with a ring kit provided
• Ring kit allows both 2 1/4 and 2 1/2 resilient ring mounting
• Automatic thermal overload protection
• Sleeve Bearings



Applications:

Designed for continuous air over applications, such as furnace blowers or central air handling units with single shaft requirements

Table with columns: HP, SYN RPM 60 Hz, Catalog Number, Model Number, App. Wgt. (lbs.), Voltage, F.L. Amps 230V, "C" Dim. (Inches), Rotation, Speed. Rows include motor specifications for 1/4, 1/3, 1/2, and 3/4 HP.

GE COMMERCIAL MOTORS BY REGAL BELOIT CONDENSER FAN & HEAT PUMP MOTORS PERMANENT SPLIT CAPACITOR • SHAFT UP OR DOWN APPLICATION

Features:

- Sleeve or Ball Bearings
• 26" Motor Leads
• Shaft Slinger
• 6" shaft extension with 2 flats 90 degrees apart
• Designed for a 370 Volt capacitor



Applications:

Designed for condenser fan and heat pump units requiring vertical shaft up or vertical shaft down positioning with "belly band" or extended clamp screw mounting

Table with columns: HP, SYN RPM 60 Hz, Catalog Number, Model Number, App. Wgt. (lbs.), Voltage, F.L. Amps 230V, "C" Dim. (Inches), Rotation, Notes. Rows include motor specifications for 1/6, 1/4, 1/3, 1/2, and 3/4 HP.

Notes:

4 = Sleeve Bearing; 5 = Designed for 60 degree C ambient; 13 = TENV Construction; 14 = Ball Bearing



GE COMMERCIAL MOTORS BY REGAL BELOIT HVAC HEATSHIELD™ MOTORS • OUTDOOR CONDENSER FAN

Features:

- Motors designed for 70 degree Ambient
- Low Motor operating temperatures
- 48" lead length
- Shaft Flinger
- NEMA BDT designs
- All-angle mounting position
- Rheem mounting holes and hardware included
- Quick connects for capacitor leads
- Seal bushing on lead exit hole
- Extended thru bolts on both ends
- Reversible Rotation
- Drain holes in both endshields with plugs
- Single-speed Operation



HP	SYN RPM 60 Hz	Catalog Number	Model Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	"C" Dim. (Inches)	Rotation	Notes	Capacitor Rating
1/6	1200	3726HS	5KCP39DGU716S	9	208-230	1.0	10.96	CCW/CW	14	5/370V
	1200	3727HS	5KCP39DGY797S	9	208-230	1.0	10.96	CCW/CW	4	5/370V
1/4	1200	3728HS	5KCP39GGY796S	11	208-230	1.7	11.46	CCW/CW	4	5/370V
	1200	3732HS	5KCP39GGU714S	11	208-230	1.7	11.46	CCW/CW	14	5/370V
	1200	3736HS	5KCP39HGU722S	12	460	0.7	11.46	CCW/CW	14	7.5/370V
1/3	1200	3729HS	5KCP39LGY801S	14	208-230	2.6	12.21	CCW/CW	4	7.5/370V
	1200	3733HS	5KCP39LGU715S	14	208-230	2.6	12.21	CCW/CW	14	7.5/370V
	1200	3737HS	5KCP39NGU724S	16	460	1.2	12.46	CCW/CW	14	7.5/370V
1/2	1200	3730HS	5KCP39RGY799S	19	208-230	3.0	12.96	CCW/CW	4	10/370V
	1200	3734HS	5KCP39RGU718S	19	208-230	3.0	12.96	CCW/CW	14	10/370V
	1200	3738HS	5KCP39RGU723S	19	460	1.7	12.96	CCW/CW	14	10/370V
3/4	1200	3731HS	5KCP39SGY805S	20	208-230	4.1	13.21	CCW/CW	4	15/370V
	1200	3735HS	5KCP39SGU717S	20	208-230	4.1	13.21	CCW/CW	14	15/370V
	1200	3739HS	5KCP39SGU725S	20	460	2.0	13.21	CCW/CW	14	10/370V

Notes: 4 = Sleeve Bearing; 14 = Ball Bearing

Applications:

Designed for continuous air over applications, such as direct drive residential, commercial and industrial air conditioners, fan and blowers

GE COMMERCIAL MOTORS BY REGAL BELOIT CONDENSER FAN & HEAT PUMP MOTORS PERMANENT SPLIT CAPACITOR • SHAFT UP OR HORIZONTAL APPLICATION

Features:

- Extended clamp screws
- Automatic Thermal Overload protection
- Designed for 50Hz or 60Hz operation
- Single-speed operation



HP	SYN RPM 60 Hz	Catalog Number	Model Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	"C" Dim. (Inches)	Rotation	Notes
1/6	1200	3327	5KCP39DGP081S	9	208-230	0.9	10.63	CCW/CW	2, 4, 5, 9
1/4	1200	3328	5KCP39EGP697S	10	208-230	1.8	11.13	CCW/CW	4, 5, 9
1/3	1200	3329	5KCP39HGP698S	12	208-230	2.4	11.38	CCW/CW	2, 4, 5, 9
1/2	1200	3330	5KCP39MGK209S	14	208-230	3.6	11.88	CCW/CW	2, 4, 5, 9
3/4	1200	3331	5KCP39PFM210S	17	208-230	5.1	12.63	CCW/CW	2, 4, 9

Notes:
 2 = 6" shaft extension with two flats 90 degrees apart;
 4 = Sleeve Bearing;
 5 = Designed for 60 degrees C ambient;
 9 = Opposite shaft-end endshield is open.

Applications:

Designed for condenser fan and heat pump units requiring vertical shaft up or vertical shaft down positioning with "belly band" or extended clamp screw mounting