

# RESILIENT BASE MOTORS • SINGLE PHASE



## GENERAL PURPOSE OR FAN & BLOWER SERVICE • MODERATE STARTING TORQUE

### General Specifications:

Industrial quality, resilient (cradle) mounted, capacitor start-type, ball bearing motors for fan and blower service. Moderate starting torque electrical design to reduce stress on fan blades during start-up. Capacitor-type design has higher energy efficiency rating than split phase, single phase fan and blower motors. Suitable for belt-driven fans or fan-on-shaft applications. Self-ventilated design, may be mounted outside of the fan's airflow.

### DRIP-PROOF • SINGLE PHASE RESILIENT BASE

Drip-proof design and resilient mount. Moderate starting torque. Suitable for general purpose applications.



### TEFC • SINGLE PHASE RESILIENT BASE

Totally enclosed, fan cooled design makes these motors ideal for replacement in tough agricultural and industrial applications where contaminants cause failure of open drip-proof motors.



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	3600	48	101434.00#A	16	115/208-230	Auto.	2.0	9.39	
	1800	48	100109.00	17	115/208-230	Auto.	2.7	9.89	
	1800	48	100111.00#	17	115/208-230	Auto.	2.7	9.89	
	1800	48	102963.00A	17	277	Auto.	2.2*	9.89	
1/3	3600	48	101431.00#	17	115/208-230	Auto.	2.3	9.39	
	1800	48	100110.00	18	115/208-230	Auto.	3.3	9.89	
	1800	48	101015.00#	18	115/208-230	Auto.	3.3	9.89	
	1800	S56	100014.00	19	115/208-230	None	3.3	10.31	
	1800	S56	100010.00	18	115/208-230	Auto.	3.3	10.31	
	1800	S56	100063.00#	19	115/208-230	Auto.	3.3	10.31	
	1800	S56	102964.00A	18	277	Auto.	2.8*	10.31	
	1800	S56	102964.00A	18	277	Auto.	2.8*	10.31	
1/2	3600	48	101432.00#	20	115/208-230	Auto.	3.4	9.89	
	1800	S56	100015.00	21	115/208-230	None	4.4	10.81	
	1800	S56	100045.00#	20	115/208-230	Man.	4.4	10.81	
	1800	S56	101611.00]	22	115/208-230	Auto.	4.4	10.81	
	1800	S56	100011.00	22	115/208-230	Auto.	4.4	10.81	
	1800	S56	100064.00#	20	115/208-230	Auto.	4.4	10.81	
	1800	S56	102965.00	22	277	Auto.	3.7*	10.81	
	1800	S56	102965.00	22	277	Auto.	3.7*	10.81	
	3/4	3600	48	101433.00#	22	115/208-230	Auto.	4.8	10.39
		3600	S56H	100603.00	26	115/208-230	Auto.	4.9	11.31
1800		S56H	100016.00	26	115/208-230	None	5.4	11.81	
1800		S56H	100046.00	26	115/208-230	Man.	5.4	11.81	
1800		S56H	100047.00#	25	115/208-230	Man.	5.5	11.81	
1800		S56H	101839.00]	28	115/208-230	Auto.	5.4	11.81	
1800		S56H	100012.00	26	115/208-230	Auto.	5.4	11.81	
1800		S56H	100065.00#	25	115/208-230	Auto.	5.5	11.81	
1800		S56H	102966.00	26	277	Auto.	4.5*	11.81	
1		3600	56H	110478.00	28	115/208-230	Auto.	6.0	11.85
	1800	56H	113027.00	30	115/208-230	None	6.4	11.81	
	1800	56H	110007.00	29	115/208-230	Auto.	6.4	11.81	
	1800	56H	110054.00#	32	115/208-230	Auto.	6.4	11.81	
	1800	56H	116599.00	29	277	Auto.	5.4*	11.82	
1 1/2	3600	56H	110479.00	30	115/230	Auto.	8.2	11.82	
	1800	56H	110579.00#*□	38	115/208-230	Auto	7.2	12.82	
	1800	56H	116600.00A	38	277	Auto	6.0*	12.82	
2	3600	56H	113633.00A	38	115/208-230	Auto.	10.0	13.82	
	1800	56H	113608.00#*	45	115/208-230	Auto.	10.0	13.81	
	1800	56H	116601.00	45	277	Auto.	8.7*	13.82	

\* F.L. Amps at 277V

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/2	1800	56	110025.00	26	115/208-230	Auto.	4.4	11.96
3/4	1800	56	110026.00□	28	115/208-230	Auto.	5.4	12.46
1	1800	56H	111915.00□	31	115/208-230	Auto.	6.4	12.96

These motors have NEMA Service Factors except as noted by # which have a 1.0 Service Factor and TEFC motors, which have a 1.15 Service Factor.

### WATTSAVER® PREMIUM EFFICIENCY FAN MOTORS DRIP-PROOF • SINGLE PHASE RESILIENT BASE

Premium efficiency motors for residential, agricultural and industrial belted-fan applications, when continuous or near-continuous operation is common.

Features include quiet bearings, resilient cradle base, and quiet flow-through ventilation. Class F insulated, with spade connectors on terminal board for quick and easy installation.



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	101602.00	19	115	Auto.	2.5	71.0	10.39
1/3	1800	48	101405.00	19	115	Auto.	3.2	75.0	10.39
1/2	1800	48	101585.00	25	115	Auto.	4.6	76.0	11.39

② These combination 56H base motors have mounting holes for 56 and 143-5T, and a 1/2" diameter shaft with flat 1 1/2" long.

# These motors have a NEMA 1.00 Service Factor, suitable for blower and fan duty.

☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.

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

] With terminal board.

A Subject to Availability.



# RESILIENT BASE MOTORS • THREE PHASE

GENERAL PURPOSE OR FAN & BLOWER SERVICE • MODERATE STARTING TORQUE

AC MOTORS

## General Specifications:

Industrial quality, resilient (cradle) mounted, three phase, ball bearing motors for fan and blower service. Moderate starting torque electrical design to reduce stress on fan blades during start-up. Suitable for belt-driven fans or fan-on-shaft applications. Self-ventilated design, may be mounted outside of the fan's airflow.



### TEFC • THREE PHASE RESILIENT BASE

Totally enclosed, fan cooled design makes these motors ideal for replacement in tough industrial applications where contaminants cause failure of open drip-proof designs.



### DRIP-PROOF • THREE PHASE RESILIENT BASE

Drip-proof design and resilient mount. Moderate starting torque. Suitable for general purpose applications.

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-Load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/2	1800	56	111917.00●□	25	208-230/460	None	1.8	78.5	11.31
1	1800	56	111918.00□	29	208-230/460	None	3.8	77.0	12.46

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-Load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	3600	S56	101639.00+A	17	208-230/460	Auto.	1.7	61.0	10.31
	1800	S56	100210.00	18	208-230/460	None	1.6	64.3	10.31
1/2	1800	S56	101520.00+	19	208-230/460	Auto.	1.6	64.3	10.81
	3600	S56	101640.00+A	18	208-230/460	Auto.	2.4	69.0	10.31
3/4	1800	S56	100145.00	22	208-230/460	None	2.0	68.0	10.81
	3600	S56	100796.00+	22	208-230/460	Auto.	2.0	68.0	11.31
1	3600	S56	101773.00	20	208-230/460	None	2.4	79.0	10.81
	1800	S56	101641.00+A	20	208-230/460	Auto.	2.4	79.0	11.31
1	1800	S56	100146.00	25	208-230/460	None	2.8	75.0	11.31
	3600	S56	100908.00+	26	208-230/460	Auto.	2.8	75.0	11.81
1	3600	56	114192.00	24	208-230/460	None	3.2	77.0	10.82
	3600	56	113895.00+A	25	208-230/460	Auto.	3.2	77.0	10.82
1 1/2	1800	56H	110052.00	23	208-230/460	None	4.2	78.5	11.31
	3600	56H	111311.00+	27	208-230/460	Auto.	4.2	78.5	11.31
1 1/2	3600	56H	114194.00 A	31	208-230/460	None	4.2	81.5	11.82
	3600	56H	113896.00+	29	208-230/460	Auto.	4.2	81.5	11.82
2	1800	56H	110433.00	32	208-230/460	None	5.6	78.5	11.81
	3600	56H	113846.00+	29	208-230/460	Auto.	5.6	78.5	11.81
2	3600	56H	114196.00 A	36	208-230/460	None	5.6	82.9	12.32
	3600	56H	113897.00+	39	208-230/460	Auto.	5.6	82.9	12.32
3	1800	56H	114197.00	37	208-230/460	None	6.2	78.5	12.31
	3600	56H	113847.00+	34	208-230/460	Auto.	6.2	78.5	12.31
3	3600	56HZ	113926.00+A	40	208-230/460	Auto.	7.6	84.0	13.19
	1800	56HZ	116593.00+	47	230/460	Auto.	8.6	82.5	14.19

- These motors are totally enclosed, non-ventilated.
- Combination 56 H base motors have mounting holes for NEMA 56 and a standard NEMA 56 shaft.
- ✦ Automatic reset overload protection. Do not use with variable frequency drives.
- A Subject to Availability.

All three phase motors, 1 HP and above, are inverter rated.

Specifications are subject to change without notice