

# RESILIENT BASE MOTORS • SINGLE PHASE

GENERAL PURPOSE OR FAN & BLOWER SERVICE • MODERATE STARTING TORQUE



Resilient Base

### 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	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/4	3450	48	101434#	\$163	A	16	115/208-230	Auto.	2.0	9.39
	1725	48	100109	191	A	17	115/208-230	Auto.	2.7	9.89
	1725	48	100111#	165	A	17	115/208-230	Auto.	2.7	9.89
1/3	3450	48	101431#	168	A	17	115/208-230	Auto.	2.3	9.39
	1725	48	100110	233	A	18	115/208-230	Auto.	3.3	9.89
	1725	48	101015#	191	A	18	115/208-230	Auto.	3.3	9.89
	1725	S56	100014	220	A	19	115/208-230	None	3.3	10.31
	1725	S56	100010	233	A	18	115/208-230	Auto.	3.3	10.31
	1725	S56	100063#	191	A	19	115/208-230	Auto.	3.3	10.31
1/2	3450	48	101432#	185	A	20	115/208-230	Auto.	3.4	9.89
	1725	S56	100015	237	A	21	115/208-230	None	4.4	10.81
	1725	S56	100045#	228	A	20	115/208-230	Man.	4.4	10.81
	1725	S56H	101611]	251	A	22	115/208-230	Auto.	4.4	10.81
	1725	S56	100011	251	A	22	115/208-230	Auto.	4.4	10.81
	1725	S56	100064#	229	A	20	115/208-230	Auto.	4.4	10.81
3/4	3450	48	101433#	216	A	22	115/208-230	Auto.	5.1	10.38
	3450	S56H	100603	231	A	26	115/208-230	Auto.	4.9	11.31
	1725	S56H	100016	297	A	26	115/208-230	None	5.4	11.81
	1725	S56H	100046	311	A	26	115/208-230	Man.	5.4	11.81
	1725	S56H	100047#	260	A	25	115/208-230	Man.	5.5	11.81
	1725	S56H	101839]	311	A	28	115/208-230	Auto.	5.4	11.81
	1725	S56H	100012	311	A	26	115/208-230	Auto.	5.4	11.81
	1725	S56H	100065#	257	A	25	115/208-230	Auto.	5.5	11.81
1	3450	56H	110478	267	A	28	115/208-230	Auto.	6.0	11.81
	1725	56H	113027	323	A	30	115/208-230	None	6.4	11.81
	1725	56H	110007	337	A	29	115/208-230	Auto.	6.4	11.81
	1725	56H	110054#	330	A	32	115/208-230	Auto.	6.4	11.81
1 1/2	3450	56H	110479	344	A	30	115/230	Auto.	8.6	11.81
	1725	56H	110579☆□	408	A	38	115/208-230	Auto.	7.2	12.82
2	3450	56H	113633	430	A	38	115/208-230	Auto.	12.0	12.81
	1725	56H	113608☆	434	A	45	115/208-230	Auto.	10.0	13.81

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.

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/2	1725	56	110025	\$285	A	26	115/208-230	Auto.	4.4	11.96
3/4	1725	56	110026 □	342	A	28	115/208-230	Auto.	5.4	12.46
1	1725	56H	111915 □	388	A	31	115/208-230	Auto.	6.4	12.96

### WATSAVER® 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	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 115V	% F.L. Eff.	"C" Dim. (Inches)
1/4	1725	48	101602	\$213	A	19	115	Auto.	2.5	71.0	9.88
1/3	1725	48	101405	252	A	19	115	Auto.	3.2	75.0	9.88
	1725/ 1140	56HZ	113771 ②	337	A	30	115	Auto.	3.0	73.0	11.44
	1725/ 1140	56HZ	113970 ②	309	A	30	115	Auto.	3.2	73.0	11.94
	1725/ 850	56HZ	113674 ②	337	A	30	115	Auto.	3.1	70.0	11.44
	1725/ 850	56HZ	113969 ②	309	A	30	115	Auto.	3.2	73.0	11.94
1/2	1725	48	101585	287	A	25	115	Auto.	4.6	76.0	10.88

FOR ADDITIONAL WATSAVER® MOTORS, SEE PAGES 15-18.

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.



## RESILIENT BASE MOTORS • THREE PHASE

GENERAL PURPOSE OR FAN & BLOWER SERVICE • MODERATE STARTING TORQUE

### 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. For 277-volt, three phase service, the thermally-protected motors listed may be field-reconnected for operation without the thermal overload protector.



### 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.

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- Load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/2	1725	56	111917	\$271	□	A 25	208-230/460	None	1.8	78.5	11.31
1	1725	56	111918	305	□	A 29	208-230/460	None	3.8	77.0	12.46

### DRIP-PROOF • THREE PHASE RESILIENT BASE

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



HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- Load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	3450	S56	101639	\$181	◆	A 17	208-230/460	Auto.	1.7	61.0	10.31
	1725	S56	100210	212	A	18	208-230/460	None	1.6	64.3	10.31
1/2	1725	S56	101520	257	◆	A 19	208-230/460	Auto.	1.6	64.3	10.81
	3450	S56	101640	233	◆	A 18	208-230/460	Auto.	2.4	69.0	10.31
	1725	S56	100145	243	A	22	208-230/460	None	2.0	68.0	10.81
	1725	S56H	100796	283	◆	A 22	208-230/460	Auto.	2.0	68.0	11.31
3/4	3450	S56	101773	245	A	20	208-230/460	None	2.8	79.0	10.81
	3450	S56H	101641	285	◆	A 20	208-230/460	Auto.	2.8	79.0	11.31
	1725	S56H	100146	269	A	25	208-230/460	None	2.8	75.0	11.31
	1725	S56H	100908	306	◆	A 26	208-230/460	Auto.	2.8	75.0	11.81
1	3450	56	114192	260	A	24	208-230/460	None	3.6	80.6	10.81
	3450	56	113895	301	◆	A 25	208-230/460	Auto.	3.6	80.6	10.81
	1725	56	110052	284	A	23	208-230/460	None	4.2	78.5	11.31
	1725	56H	111311	319	◆	A 27	208-230/460	Auto.	4.2	78.5	11.31
1 1/2	3450	56H	114194	317	A	31	208-230/460	None	4.8	82.1	11.81
	3450	56H	113896	341	◆	A 29	208-230/460	Auto.	4.8	82.1	11.81
	1725	56H	110433	326	A	32	208-230/460	None	5.6	78.5	11.81
	1725	56H	113846	339	◆	A 29	208-230/460	Auto.	5.6	78.5	11.81
2	3450	56H	114196	368	A	36	208-230/460	None	6.2	82.9	12.31
	3450	56H	113897	395	◆	A 39	208-230/460	Auto.	6.2	82.9	12.31
	1725	56H	114197	355	A	37	208-230/460	None	6.2	78.5	12.31
	1725	56H	113847	388	◆	A 34	208-230/460	Auto.	6.2	78.5	12.31
3	3450	56HZ	113926	391	◆	A 40	208-230/460	Auto.	9.6	80.0	13.19
	1725	56HZ	120950	425	◆	B 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 NEMA 143-5T and a standard NEMA 56 shaft.
- ◆ Automatic reset overload protection. Do not use with variable frequency drives.

### QUICK REFERENCE

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