

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#	\$245	A	16	115/208-230	Auto.	2.0	9.39
	1725	48	100109	287	A	17	115/208-230	Auto.	2.7	9.89
	1725	48	100111#	248	A	17	115/208-230	Auto.	2.7	9.89
	1725	48	102963	287	A	17	277	Auto.	2.2*	9.89
1/3	3450	48	101431#	252	A	17	115/208-230	Auto.	2.3	9.39
	1725	48	100110	352	A	18	115/208-230	Auto.	3.3	9.89
	1725	48	101015#	287	A	18	115/208-230	Auto.	3.3	9.89
	1725	S56	100014	331	A	19	115/208-230	None	3.3	10.31
	1725	S56	100010	352	A	18	115/208-230	Auto.	3.3	10.31
	1725	S56	100063#	287	A	19	115/208-230	Auto.	3.3	10.31
	1725	S56	102964	352	A	18	277	Auto.	2.8*	10.31
	1725	S56	102964	352	A	18	277	Auto.	2.8*	10.31
1/2	3450	48	101432#	278	A	20	115/208-230	Auto.	3.4	9.89
	1725	S56	100015	357	A	21	115/208-230	None	4.4	10.81
	1725	S56	100045#	342	A	20	115/208-230	Man.	4.4	10.81
	1725	S56	101611]	379	A	22	115/208-230	Auto.	4.4	10.81
	1725	S56	100011	379	A	22	115/208-230	Auto.	4.4	10.81
	1725	S56	100064#	343	A	20	115/208-230	Auto.	4.4	10.81
	1725	S56	102965	379	A	22	277	Auto.	3.7*	10.81
	1725	S56	102965	379	A	22	277	Auto.	3.7*	10.81
	1725	S56	102965	379	A	22	277	Auto.	3.7*	10.81
	1725	S56	102965	379	A	22	277	Auto.	3.7*	10.81
3/4	3450	48	101433#	327	A	22	115/208-230	Auto.	4.8	10.39
	3450	S56H	100603	348	A	26	115/208-230	Auto.	4.9	11.31
	1725	S56H	100016	448	A	26	115/208-230	None	5.4	11.81
	1725	S56H	100046	468	A	26	115/208-230	Man.	5.4	11.81
	1725	S56H	100047#	392	A	25	115/208-230	Man.	5.5	11.81
	1725	S56H	101839]	468	A	28	115/208-230	Auto.	5.4	11.81
	1725	S56H	100012	468	A	26	115/208-230	Auto.	5.4	11.81
	1725	S56H	100065#	387	A	25	115/208-230	Auto.	5.5	11.81
	1725	S56H	102966	468	A	26	277	Auto.	4.5*	11.81
	1725	S56H	102966	468	A	26	277	Auto.	4.5*	11.81
1	3450	56H	110478	402	A	28	115/208-230	Auto.	6.0	11.85
	1725	56H	113027	487	A	30	115/208-230	None	6.4	11.81
	1725	56H	110007	507	A	29	115/208-230	Auto.	6.4	11.81
	1725	56H	110054#	496	A	32	115/208-230	Auto.	6.4	11.81
	1725	56H	116599	507	A	29	277	Auto.	5.4*	11.82
1 1/2	3450	56H	110479	517	A	30	115/230	Auto.	8.2	11.82
	1725	56H	110579	614	A	38	115/208-230	Auto	7.2	12.82
	1725	56H	116600	614	A	38	277	Auto	6.0*	12.82
2	3450	56H	113633	647	A	38	115/208-230	Auto.	10.0	13.82
	1725	56H	113608	654	A	45	115/208-230	Auto.	10.0	13.81
	1725	56H	116601	654	A	45	277	Auto.	8.7*	13.82

* F.L. Amps at 277V

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	\$429	A	26	115/208-230	Auto.	4.4	11.96
3/4	1725	56	110026	514	A	28	115/208-230	Auto.	5.4	12.46
1	1725	56H	111915	584	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	\$319	A	19	115	Auto.	2.5	71.0	10.39
1/3	1725	48	101405	378	A	19	115	Auto.	3.2	75.0	10.39
	1725/ 1140	56HZ	113771	505	A	30	115	Auto.	3.0	73.0	11.44
	1725/ 1140	56HZ	113970	464	A	30	115	Auto.	3.2	73.0	11.94
1725/ 850	56HZ	113674	505	A	30	115	Auto.	3.1	70.0	11.44	
	56HZ	113969	464	A	30	115	Auto.	3.2	73.0	11.94	
1/2	1725	48	101585	431	A	25	115	Auto.	4.6	76.0	11.39

FOR ADDITIONAL WATSAVER® MOTORS, SEE PAGES 16-19.

- Ⓜ 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.

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	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	\$408	□	A 25	208-230/460	None	1.8	78.5	11.31
1	1725	56	111918	459	□	A 29	208-230/460	None	3.8	77.0	12.46

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	\$293	◆	A 17	208-230/460	Auto.	1.7	61.0	10.31
		S56	100210	319	◆	A 18	208-230/460	None	1.6	64.3	10.31
		S56	101520	387	◆	A 19	208-230/460	Auto.	1.6	64.3	10.81
1/2	3450	S56	101640	352	◆	A 18	208-230/460	Auto.	2.4	69.0	10.31
		S56	100145	366	◆	A 22	208-230/460	None	2.0	68.0	10.81
		S56	100796	426	◆	A 22	208-230/460	Auto.	2.0	68.0	11.31
3/4	3450	S56	101773	368	◆	A 20	208-230/460	None	2.4	79.0	10.81
		S56	101641	429	◆	A 20	208-230/460	Auto.	2.4	79.0	11.31
		S56	100146	406	◆	A 25	208-230/460	None	2.8	75.0	11.31
1	3450	S56	100908	461	◆	A 26	208-230/460	Auto.	2.8	75.0	11.81
		56	114192	392	◆	A 24	208-230/460	None	3.2	77.0	10.82
		56	113895	453	◆	A 25	208-230/460	Auto.	3.2	77.0	10.82
1 1/2	3450	56	110052	427	◆	A 23	208-230/460	None	4.2	78.5	11.31
		56H	111311	480	◆	A 27	208-230/460	Auto.	4.2	78.5	11.31
		56H	114194	477	◆	A 31	208-230/460	None	4.2	81.5	11.82
2	3450	56H	113896	513	◆	A 29	208-230/460	Auto.	4.2	81.5	11.82
		56H	110433	491	◆	A 32	208-230/460	None	5.6	78.5	11.81
		56H	113846	509	◆	A 29	208-230/460	Auto.	5.6	78.5	11.81
3	3450	56H	114196	552	◆	A 36	208-230/460	None	5.6	82.9	12.32
		56H	113897	595	◆	A 39	208-230/460	Auto.	5.6	82.9	12.32
		56H	114197	533	◆	A 37	208-230/460	None	6.2	78.5	12.31
5	3490	56H	113847	584	◆	A 34	208-230/460	Auto.	6.2	78.5	12.31
		56HZ	113926	587	◆	A 40	208-230/460	Auto.	7.6	84.0	13.19
		56HZ	116593	640	◆	A 47	230/460	Auto.	8.6	82.5	14.19
5	3490	145T	121665	660	◆	B 49	208-230/460	Auto.	12.4	85.5	13.82

- 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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AUTO OVERLOAD MOTORS.....	20

All three phase motors, 1 HP and above, are inverter rated. Refer to page 5 for speed ranges.