



# INSTANT REVERSING MOTORS

## INSTANT REVERSING MOTORS

### PARKING GATES, DOOR OPERATORS & SLIDE GATES

#### General Specifications:

Specially designed motors for use on "instant-reversing" parking gates, doors, slide gates, or other moderate starting torque instant reversing applications. Capable of frequent reversing service.



#### Features (Resilient Base and C Face):

Instant "plug-reversing" with simple three-wire connection. Permanent split capacitor design offering low inrush and full load amps. Manual reset overload protector. Starting torque approximately 150% of full load, not suitable for hard to start loads.



#### Features (Rigid Base):

Capacitor start, induction run motors with solid state, instant reversing switch. Manual reset overload protector.



## RESILIENT BASE • SINGLE PHASE • DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 115V	"C" Dim. (Inches)
<b>1/3</b>	1625	S56	<b>191742</b>	\$259	A	18	115	Man.	4.0	10.31
<b>1/2</b>	1625	S56	<b>100802</b>	290	A	24	115	Man.	6.1	11.31
	1625	S56	<b>191743</b>	290	A	24	115	Man.	4.6	10.31
<b>3/4</b>	1625	S6H	<b>113642</b>	347	A	33	115	Man.	8.2	11.31

## C FACE LESS BASE • SINGLE PHASE • DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 115V	"C" Dim. (Inches)
<b>1/3</b>	1625	S56C	<b>102017</b>	\$259	A	18	115	Man.	4.4	9.34
<b>1/2</b>	1625	S56C	<b>102021</b>	290	A	22	115	Man.	6.1	10.49
	1625	S56C	<b>100704*</b>	290	A	16	115	Man.	4.4	9.31

\* Motor has same electrical design as 102017, but is rated for intermittent duty.

## RIGID BASE • SINGLE PHASE • TEFC

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)
<b>3/4</b>	1725	56	<b>114932</b>	\$374	A	30	115/208-230	Man.	5.4	11.31
<b>1</b>	1725	56	<b>114933</b>	407	A	30	115/208-230	Man.	6.4	11.81

Catalog numbers in blue are NEW items.

**PRESSURE WASHER PUMP MOTORS  
LOW AMPERAGE DESIGN**

Motors specially suited for hot or cold pressure washer applications and other single phase installations requiring minimum starting and running amperages. Capacitor start, capacitor run construction for reduced amperage.

**Mechanical Features:**

Double shield ball bearings prelubricated with Exxon POLYREX® EM lubricant, having operating temperature range of -20°F to +350°F and special formulation to provide extra long life and moisture resistance. Dynamically balanced rotor and shaft assembly.

**Electrical Features:**

High efficiency reduced amperage energy saving designs. Stator impregnated with extra heavy varnish system. High temperature copper magnet wire for high overload capacity. Capacitor start/ capacitor run design for reduced amperage. Grounding provision in conduit box. Manual reset overload protector protects against automatic resets. High overload capacities provided by service factor.



**RIGID BASE • SINGLE PHASE • DRIP-PROOF**

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)
3/4	1725	S56	101544☆	\$338	A	28	115/208-230	Man.	3.8	10.94
1	1725	56	113630☆	367	A	31	115/208-230	Man.	5.3	10.84
1½	3450	56	113631☆	321	A	36	115/208-230	Man.	6.7	10.84
	1725	56H	113266☆□	428	A	42	115/208-230	Man.	6.7	12.38
2	3450	56	113632☆	432	A	36	115/208-230	Man.	8.6	11.34
3	1740	184T	131851☆	561	B	72	208-230	Man.	13.7	15.22
5	1740	184T	131852☆	681	B	83	208-230	Man.	24.1	16.22

**RIGID BASE • SINGLE PHASE • TEFC**

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)
3	1740	184T	131855☆	\$674	B	88	230	Man.	13.7	16.86
5	1740	184T	131856☆	783	B	95	230	Man.	21.0	17.86

**C FACE WITH BASE • SINGLE PHASE • DRIP-PROOF**

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)
1½	1725	56HC	113700☆□	\$451	A	38	115/208-230	Man.	7.2	11.84
2	1725	56HC	113281☆□	468	A	45	115/208-230	Man.	8.6	12.88
3	1740	184TC	131853☆	561	B	87	208-230	Man.	15.4	15.96
5	1740	184TC	131854☆	690	B	97	208-230	Man.	24.1	16.96

**C FACE WITH BASE • SINGLE PHASE • TEFC**

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)
1½	3450	56C	115024☆	\$395	A	35	115/208-230	Man.	6.7	12.31
2	3450	56HC	114995☆	470	A	42	115/208-230	Man.	9.2	13.31
3	3450	56HC	115048☆	514	A	53	208-230	Man.	14.0	13.81
	1740	184TC	131857☆	858	B	104	230	Man.	13.7	17.61
5	1740	184TC	131858☆	898	B	102	230	Man.	21.0	18.72

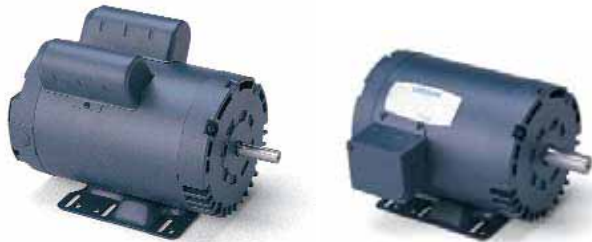
☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.  
□ Combination 56H base motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft.



# COMPRESSOR DUTY MOTORS

## COMPRESSOR, PUMP AND FAN & BLOWER DUTY

### COMPRESSOR DUTY



#### General Specifications:

Motors designed for air compressor, pump, and fan and blower duty applications which require high breakdown torque and rugged mechanical construction.

#### Mechanical Features:

Prelubricated double shielded, amply sized, ball bearing construction to accommodate varying belt loads and tension.

#### Electrical Features:

High efficiency energy saving designs. Class "F" copper windings. Class "F" varnish. High starting and breakdown torque. Single phase motors are wired for CW rotation facing lead end. They may be reconnected for CCW rotation. The compressor motors shown here are the ratings most common to this application. For additional motors of different HP, RPM, etc., see pages 6-10.

### SINGLE PHASE • DRIP-PROOF • RIGID BASE

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	3450	56	<b>110160</b>	\$231	A	27	115/230	Man.	6.7	11.50
	1725	143T	<b>120044</b>	325	B	38	115/208-230	None	6.4	11.28
	1725	143T	<b>120003</b>	342	B	33	115/208-230	Man.	6.4	11.13
1½	3450	56	<b>110161</b>	253	A	33	115/230	Man.	10.0	12.00
	1725	145T	<b>120042</b> ☆	359	B	38	115/208-230	None	8.6	12.28
	1725	145T	<b>120004</b> ☆	456	B	40	115/208-230	Man.	8.6	12.28
2	3450	56	<b>110232</b>	264	A	33	115/230	Man.	11.0	12.00
	1725	182T	<b>131515</b>	436	B	56	115/208-230	None	12.4	13.19
	1725	182T	<b>131536</b>	468	B	63	115/208-230	Man.	8.8	10.66
3	3450	56	<b>110222</b> ⊗	296	A	38	230	Man.	15.0	12.38
	1725	184T	<b>131534</b>	472	B	69	115/230	None	16.9	14.19
5	3450	56	<b>111275</b> ☆⊗	367	A	44	230	Man.	20.8	12.38
	3450	145T	<b>120554</b> ☆	373	B	46	230	Man.	20.8	13.22
	1725	184T	<b>131537</b>	566	B	83	230	None	21.0	14.69
	1725	184T	<b>131622</b>	678	B	82	230	Man.	21.0	14.69
10	1725	215TZ	<b>140311</b> ☆†✓	1177	B	140	230	None	43.0	19.76

### THREE PHASE • DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143T	<b>G120010</b>	\$258	B	30	208-230/460	3.1	82.5	11.28
1½	1725	145T	<b>G120011</b>	273	B	37	208-230/460	4.4	84.0	12.13
2	1725	145T	<b>G120012</b>	294	B	45	208-230/460	6.0	84.0	13.78
3	1740	182T	<b>G130000</b>	320	B	57	208-230/460	8.4	86.5	12.69
5	1740	184T	<b>G130004</b>	355	B	69	208-230/460	13.2	87.5	13.69
7½	1740	213T	<b>G140471</b>	503	B	144	208-230/460	20.0	88.5	15.25
10	1740	215T	<b>G140490</b>	616	B	132	208-230/460	28.0	89.5	16.75
20	1750	256T	<b>G150006</b>	1098	C	307	208-230/460	48.0	91.7	22.60

### THREE PHASE • TEFC • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3	1740	182T	<b>G130008</b>	\$362	B	68	230/460	8.2	87.5	13.96
5	1740	182T	<b>G130027</b>	417	B	80	230/460	13.0	87.5	14.96
7½	1740	213T	<b>G140578</b>	533	B	144	208-230/460	20.4	89.5	17.71
10	1740	215T	<b>G140489</b>	648	B	167	208-230/460	26.0	89.5	18.71
15	1750	254T	<b>G150066</b>	976	C	277	208-230/460	36.6	91.0	23.19
20	1750	256T	<b>G150007</b>	1201	C	321	208-230/460	48.2	91.0	24.92

☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.  
 † Class F insulated.  
 ✓ Motor with standard diameter shaft, 1.0" longer than standard.  
 ⊗ Special BA dimension 2.31" for belt guard clearance.

**SHADED FRAME INDICATES CAST IRON CONSTRUCTION**

**Catalog numbers in green are EPACT motors.**

## WOODWORKING MOTORS

### General Specifications:

Motors designed for woodworking equipment such as table saws, planers, etc.

Totally enclosed designs prevent motor problems caused by wood dust and shavings.



### SINGLE PHASE • TEFC • RIGID BASE

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)
3/4	3450	56	110108	\$246	A	26	115/208-230	Man.	5.0	11.31
1	3450	56	110142	302	A	28	115/208-230	Man.	6.0	11.81
1½	3450	56	110109	414	A	34	115/208-230	Man.	8.5	12.31
2	3450	56H	110402	485	A	41	115/208-230	Man.	10.0	13.31
			120395	489	B	44	115/208-230	Man.	10.0	13.75
3	3450	145T	120341	502	B	46	230	None	14.0	13.75

### SINGLE PHASE • TEFC • C FACE LESS BASE

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)
3	3450	145TC	120824	\$542	B	56	230	Man.	14.0	13.88

## TABLE SAW MOTOR

### General Specifications:

Totally enclosed fan cooled motor produces extra high breakdown torques for maximum cutting power.

Supplied with 8-foot cord and 115V plug, on/off toggle switch. CW rotation, facing lead end. Replaces Delta motor number 62-042.



### SINGLE PHASE • TEFC • RIGID BASE

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)
1½	3450	56	113627	\$480	A	39	115/230	Man.	7.5	12.31

## CONTRACTORS' SAW MOTORS

### Special Mounting:

Motor pivots on rod for belt tensioning. Totally enclosed fan cooled motor produces extra high breakdown torques for maximum cutting power. Has 1¾" long shaft, ¾" diameter with keyway. Added 54" cord to all motors 1½-4 HP. Catalog numbers 120925 and 120997 replace Delta UNISAW® motor 83-621 (1½ HP); 120728 and 120998 replace Delta UNISAW® motor 83-651 (3 HP).



### SINGLE PHASE • TEFC • DELTA UNISAW® MOUNTING

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)
1½	3450	143Y	120925	\$429	B	44	115/230	None	10.0	12.69
2	3450	143Y	120997	472	B	44	115/230	None	11.0	12.69
3	3450	145Y	120728	602	B	52	230	None	16.0	13.69
4	3450	145Y	120998	628	B	48	230	None	17.6	13.69

UNISAW® is a registered trademark of Delta International.

## CONTRACTORS' POWER TOOL MOTORS

### General Specifications:

Open, drip-proof double shaft motors for woodworking applications. With encapsulated, electronic starting switch and double shielded ball bearings to prevent failures caused by sawdust accumulation.

Capacitor start design for high torques and reduced amperage, improved efficiency.

Shaft extension each end, with keyway and flat 90° apart for ease of mounting.

Useable shaft, each end is 1½" long by ½" diameter on 48 frames and 1⅞" long by ⅝" diameter on 56 frame motors.



### DOUBLE-SHAFT • SINGLE PHASE DRIP-PROOF • RIGID BASE

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	S56Z	101781	\$286	A	17	115/208-230	None	4.4	12.43
3/4	3450	48Z	101782	293	A	24	115/208-230	None	4.9	12.18
1	3450	56Z	114216	306	A	27	115/208-230	None	6.0	12.81

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

† Class F insulated.

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

❖ These totally enclosed single phase motors have 1.15 Service Factors.

See pages 6-18 for motors of different horsepower, RPM, enclosure, etc., for application on woodworking machinery.