



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 8-13. All 180 and 210 frame Rolled Steel motors have Class F Insulation.

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	110160	\$350	A	27	115/230	Man.	6.7	11.38
	1725	143T	120044	477	B	38	115/208-230	None	6.4	11.28
	1725	143T	120003	501	B	33	115/208-230	Man.	6.4	11.13
1½	3450	56	110161	384	A	33	115/230	Man.	10.0	11.88
	1725	145T	120042☆	527	B	38	115/208-230	None	8.6	12.28
	1725	145T	120004☆	669	B	40	115/208-230	Man.	8.6	12.28
2	3450	56	110232	400	A	33	115/230	Man.	11.0	11.88
	1725	182T	131515	650	B	56	115/208-230	None	12.4	13.19
	1725	182T	131536	696	B	63	115/208-230	Man.	8.8	10.66
3	3450	56Y	110222⊗†	449	A	38	230	Man.	15.0	12.38
	1725	184T	131534	704	B	69	115/230	None	16.9	14.19
5SPL	3450	56	116523☆	542	A	35	208-230	Man.	15.0	11.44
5	3450	56Y	111275☆⊗†	558	A	44	230	Man.	20.8	13.34
	3450	56Y	116789☆†	574	A	45	230	Man.	20.8	12.38
	3450	145T	120554☆†	565	B	46	230	Man.	20.8	13.12
	1725	184T	131537☆	845	B	83	230	None	21.0	14.69
	1725	184T	131622☆	1010	B	82	230	Man.	21.0	14.69
7½	3450	184T	132044☆	814	B	110	208-230	Tstat	31.0	16.69
	3450	213T	140680☆	1375	B	112	208-230	None	29.5	16.55
	1740	215T	140155☆	1200	B	113	230	None	36.0	17.26
10	3450	215T	140681☆	1738	B	135	208-230	None	37.0	18.05
	1725	215TZ	140311☆✓	1754	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	G120010	\$380	B	30	208-230/460	3.1	82.5	11.28
1½	1725	145T	G120011	404	B	37	208-230/460	4.4	84.0	12.13
2	1725	145T	G120012	433	B	45	208-230/460	6.0	84.0	12.12
3	1740	182T	G130000	477	B	57	208-230/460	8.4	86.5	12.69
5	1740	184T	G130004	529	B	69	208-230/460	13.2	87.5	13.69
7½	1740	213T	G140471	768	B	144	208-230/460	20.0	88.5	15.25
10	1740	215T	G140490	917	B	132	208-230/460	28.0	89.5	16.75
20	1750	256T	G150006†	1711	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	G130008	\$540	B	68	230/460	8.2	87.5	13.96
5	1740	182T	G130027	622	B	80	230/460	13.0	87.5	14.96
7½	1740	213T	G140578	833	B	144	208-230/460	20.4	89.5	17.71
10	1740	215T	G140489	965	B	167	208-230/460	26.0	89.5	18.71
15	1750	254T	G150066†	1522	C	277	208-230/460	36.6	91.0	23.19
20	1750	256T	G150007†	1873	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.
- ✦ Motor has mounting base with 182-4T mounting holes, shaft height is 4.5". Shaft is std. NEMA 56 - 5/8" dia. x 1 7/8" long.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

Catalog numbers in green are EPACKT motors.