



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.

THREE PHASE • DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1	1725	143T	G120010	B	30	208-230/460	3.1	82.5	11.28
1½	1725	145T	G120011	B	37	208-230/460	4.4	84.0	12.13
2	1725	145T	G120012	B	45	208-230/460	6.0	84.0	12.12
3	1740	182T	G130000	B	57	208-230/460	8.4	86.5	12.69
5	1740	184T	G130004	B	69	208-230/460	13.2	87.5	13.69
7½	1740	213T	G140471	B	144	208-230/460	20.0	88.5	15.25
10	1740	215T	G140490	B	132	208-230/460	28.0	89.5	16.75
20	1750	256T	G150006†	C	307	208-230/460	48.0	91.7	22.60

THREE PHASE • TEFC • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3	1740	182T	G130008	B	68	230/460	8.2	87.5	13.96
5	1740	182T	G130027	B	80	230/460	13.0	87.5	14.96
7½	1740	213T	G140578	B	144	208-230/460	20.4	89.5	17.71
10	1740	215T	G140489	B	167	208-230/460	26.0	89.5	18.71
15	1750	254T	G150066†	C	277	208-230/460	36.6	91.0	23.19
20	1750	256T	G150007†	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 EPACT motors.