

Century® Industrial E-Plus® 3 Nema Premium Severe Duty Motors

Premium Efficient e CC001A - Squirrel Cage - TEFC - Rigid Base

Severe Duty Construction 3600 - 1800 & 1200 RPM - 1 thru 50 HP - Cast Iron



TSD61005

Features:

- All Cast Iron Construction
- Automatic Drain/Breather
- Continuous Duty
- Corrosion Resistant Fan
- Fully Gasketed Conduit Box
- Energy Efficient \$
- Grease Fittings
- Regreasable While Running
- Ground Lug in Conduit Box
- Shielded Bearings
- Shaft Slinger
- Plated Hardware
- 40°C Ambient
- 60 Hz
- Stainless Steel or Bronze Nameplates
- Multiple Dips and Bakes Non Hygroscopic Varnish
- 3-Year Warranty (3 years from date of manufacture, 2 years from date of installation)

HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Type	Insul. Class	Cast Iron	"C" Dim.	Efficiency	Notes
1	1730	230/460	2.8/1.4	1.15	143T	TSD61026	E+3(NP)	F	✓	13.2	85.5	11,361,363,\$
1	1140	230/460	3.4/1.7	1.15	145T	TSD61051	E+3(NP)	F	✓	13.2	82.5	11,361,363,\$
1 1/2	3470	230/460	3.8/1.9	1.15	143T	TSD61002	E+3(NP)	F	✓	13.2	84.0	11,361,363,\$
1 1/2	1730	230/460	4.2/2.1	1.15	145T	TSD61027	E+3(NP)	F	✓	13.2	86.5	11,361,363,\$
1 1/2	1165	230/460	4.8/2.4	1.15	182T	TSD61052	E+3(NP)	F	✓	15.4	87.5	11,361,363,\$
2	3475	230/460	5.0/2.5	1.15	145T	TSD61003	E+3(NP)	F	✓	13.2	85.5	11,361,363,\$
2	1730	230/460	5.6/2.8	1.15	145T	TSD61028	E+3(NP)	F	✓	13.2	86.5	11,\$
2	1165	230/460	5.8/2.9	1.15	184T	TSD61053	E+3(NP)	F	✓	15.4	88.5	11,361,363,\$
3	3505	230/460	7.2/3.6	1.15	182T	TSD61004	E+3(NP)	F	✓	15.4	86.5	11,361,363,\$
3	1745	230/460	7.8/3.9	1.15	182T	TSD61029	E+3(NP)	F	✓	15.4	89.5	11,361,363,\$
3	1170	230/460	8.6/4.3	1.15	213T	TSD61054	E+3(NP)	F	✓	19.4	89.5	11,362,363,\$
5	3505	230/460	11.6/5.8	1.15	184T	TSD61005	E+3(NP)	F	✓	15.4	88.5	11,361,363,\$
5	1745	230/460	12.8/6.4	1.15	184T	TSD61030	E+3(NP)	F	✓	15.4	89.5	11,361,363,\$
5	1170	230/460	13.8/6.9	1.15	215T	TSD61055	E+3(NP)	F	✓	19.4	89.5	11,362,363,\$
7 1/2	3500	230/460	18.0/9.0	1.15	213T	TSD61006	E+3(NP)	F	✓	19.4	89.5	11,362,363,\$
7 1/2	1750	230/460	18.2/9.1	1.15	213T	TSD61031	E+3(NP)	F	✓	19.4	91.7	11,362,363,\$
7 1/2	1170	230/460	20.2/10.1	1.15	254T	TSD61056	E+3(NP)	F	✓	25.1	91.0	11,362,364,\$
10	3500	230/460	23.0/11.5	1.15	215T	TSD61007	E+3(NP)	F	✓	19.4	90.2	11,362,363,\$
10	1750	230/460	23.8/11.9	1.15	215T	TSD61032	E+3(NP)	F	✓	19.4	91.7	11,362,363,\$
10	1170	230/460	26.4/13.2	1.15	256T	TSD61057	E+3(NP)	F	✓	25.1	91.0	11,362,364,\$
15	3510	230/460	34.6/17.3	1.15	254T	TSD61008	E+3(NP)	F	✓	25.1	91.0	11,362,364,\$
15	1760	230/460	37.0/18.5	1.15	254T	TSD61033	E+3(NP)	F	✓	25.1	92.4	11,362,364,\$
15	1170	230/460	38.8/19.4	1.15	284T	TSD61058	E+3(NP)	F	✓	26.9	91.7	11,362,364,\$

Notes:

- \$ Energy Efficient \$
- 11. C flange kit available
- 361. 9 lead
- 362. 12 lead – Capability for Y Start-Delta Run
- 363. Double shielded bearings with no regreasing provisions
- 364. Open bearings with regreasing provisions

Continues on next page



Motors specially designed, tested and warranted to be **Corona-Free** for compatible inverter duty are marked on this page with a **C**. See page 4 and 5 of this catalog for more Speed Engineered® motors information.

