

GE Power



Energy\$aver

LV Induction Motor

Explosion Proof
NEMA Premium Efficient
1-250 HP
230/460, 460V



Engineered to excel in hazardous environments.



GE motors are designed and manufactured to operate efficiently and reliably in challenging applications and severe environments where reliability and ease of maintenance is critical.

Standards & Certifications

We work with all applicable standards such as IEEE, NEMA, and UL. GE explosion proof machines are available for use in Division 1 environments as specified.

Features

- NEMA Premium Efficient
- All cast iron construction
- NEMA Design B
- Marine-Duty: IP 56 enclosure suitable for IEEE 45
- Flexible mounting dual frame drilled feet
- Three year warranty

Hazardous Location UL Listed Division 1
Class 1 (Gas) Groups C & D
Class 2 (Dust) Groups F & G

40°C Ambient
VFD rating
5:1 constant and
10:1 variable torque
Temp Code T3C
1.0 Service Factor

55°C Ambient
on sinewave power
143T-215T frame
Temp Code T3C
254T-449T
Temp Code T2B
1.15 Service Factor



Standard Models

HP	RPM	Volts	Frame	FLA	Nominal Eff. (%)	Cat. No.
1	1800	230/460	143T	2.8/1.4	85.5	E501
1	1200	230/460	145T	3.4/1.7	82.5	E502
1.5	3600	230/460	143T	3.8/1.9	84	E503
1.5	1800	230/460	145T	4/2	86.5	E504
1.5	1200	230/460	182T	4.2/2.1	87.5	E505
2	3600	230/460	145T	5/2.5	85.5	E506
2	1800	230/460	145T	5.2/2.6	86.5	E507
2	1200	230/460	184T	5.6/2.8	88.5	E508
3	3600	230/460	182T	7/3.5	86.5	E509
3	1800	230/460	182T	7.6/3.8	89.5	E510
3	1200	230/460	213T	8/4	89.5	E511
5	3600	230/460	184T	12/6	88.5	E512
5	1800	230/460	184T	14/7	89.5	E513
5	1200	230/460	215T	15/7.5	89.5	E514
7.5	3600	230/460	213T	16.6/8.3	89.5	E515
7.5	1800	230/460	213T	17.8/8.9	91.7	E516
7.5	1200	230/460	254T	25/12.5	91	E517
10	3600	230/460	215T	23/11.5	90.2	E518
10	1800	230/460	215T	24.4/12.2	91.7	E519
10	1200	230/460	256T	25/12.5	91	E520
15	3600	230/460	254T	33/16.5	91	E521
15	1800	230/460	254T	35/17.5	92.4	E522
15	1200	230/460	284T	36.2/18.1	91.7	E523
20	3600	230/460	256T	45.6/22.8	91	E524
20	1800	230/460	256T	46/23	93	E525
20	1200	230/460	286T	47/23.5	91.7	E526
25	3600	230/460	284TS	55/27.5	91.7	E527
25	1800	230/460	284T	55/27.5	93.6	E528
25	1200	230/460	324T	58/29	93	E529
30	3600	230/460	286TS	65/32.5	91.7	E530
30	1800	230/460	286T	65/32.5	93.6	E531
30	1200	230/460	326T	74.2/37.1	93	E532
40	3600	230/460	324TS	89/44.5	92.4	E533
40	1800	230/460	324T	92/46	94.1	E534
40	1200	230/460	364T	95/47.5	94.1	E535
50	3600	230/460	326TS	108/54	93	E536
50	1800	230/460	326T	110/55	94.5	E537
50	1200	230/460	365T	113/56.5	94.1	E538
60	3600	230/460	364TS	136/68	93.6	E539
60	1800	230/460	364T	140/70	95	E540
60	1200	230/460	404T	138/69	94.5	E541
75	3600	230/460	365TS	169/84.5	93.6	E542
75	1800	230/460	365T	173/86.5	95.4	E543
75	1200	230/460	405T	178/89	94.5	E544
100	3600	230/460	405TS	220/110	94.1	E545
100	1800	230/460	405T	224/112	95.4	E546
100	1200	460	444T	117.0	95	E547
125	3600	460	444TS	130.0	95	E548
125	1800	460	444T	133.0	95.4	E549
125	1200	460	445T	135.0	95	E550
150	3600	460	445TS	160.0	95	E551
150	1800	460	445T	162.5	95.8	E552
150	1200	460	447T	166.0	95.8	E553
200	3600	460	447TS	213.5	95.4	E554
200	1800	460	447T	223.0	96.2	E555
200	1200	460	449T	227.5	95.8	E556
250	3600	460	449TS	262.0	95.8	E557
250	1800	460	449T	268.0	96.2	E558



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Energy Saver XP (12/2017)



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