

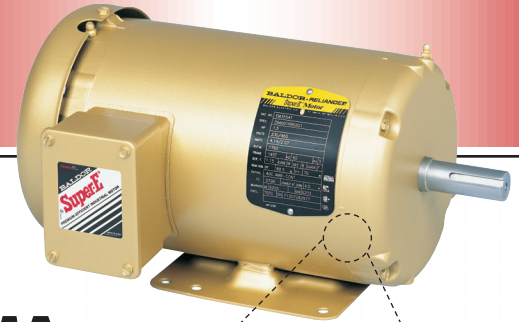
Super-E[®] Motors with AEGIS[™] Shaft Grounding Ring 1 – 50 HP 143T thru 326T

Applications:

Heating, ventilation and air conditioning blower and fan motors, pump motors, and other general purpose applications using an adjustable speed drive.

Features:

- Choice of TEFC or Open Drip Proof Enclosures
- NEMA Design B for line-start and inverter bypass capability
- NEMA Premium[®] efficiencies for LEED and FEMP buildings
- Class H insulation with Inverter Spike Resistant insulation system - meets NEMA MG 1 Part 31.4.4.2
- Inverter Ready[™]
- 1.15 service factor with Class B temperature rise at rated horsepower (sine wave)
- Heavy duty steel frame with die cast endplates, suitable for mounting in any position
- Dynamically balanced rotors for reduced vibration and quiet operation
- Regreaseable ball bearings with Mobil Polyrex[®] EM grease.
- Other speeds and HP ratings, 200 or 575 volt and TEAO designs available as custom motors
- AEGIS[™] SGR guarantees the prevention of bearing damage caused by drive-induced currents
- Three year limited product warranty



**NEMA
Premium[®]**



BALDOR[®]

A MEMBER OF THE ABB GROUP

**Super-E Motors with AEGIS™ Shaft Grounding Ring
1 – 50 HP 143T thru 326T**



TEFC Enclosure

HP	RPM	NEMA Frame	Catalog Number	FL Eff.	Voltage	FL Amps
1	1800	143T	EM3546T-G	85.5	208-230/460	1.5
1.5	1800	145T	EM3554T-G	86.5	208-230/460	2.2
2	1800	145T	EM3558T-G	86.5	208-230/460	2.9
3	1800	182T	EM3611T-G	89.5	208-230/460	4.2
5	1800	184T	EM3615T-G	89.5	208-230/460	6.7
7.5	1800	213T	EM3710T-G	91.7	230/460	9.4
10	1800	215T	EM3714T-G	91.7	208-230/460	12
15	1800	254T	EM2333T-G	92.4	230/460	18.5
20	1800	256T	EM2334T-G	93.0	230/460	24
25	1800	284T	EM4103T-G	93.6	230/460	30
30	1800	286T	EM4104T-G	93.6	230/460	38
40	1800	324T	EM4110T-G	94.1	230/460	48
50	1800	326T	EM4115T-G	94.5	230/460	58

Shaded areas indicate cast iron construction

ODP Enclosure

HP	RPM	NEMA Frame	Catalog Number	FL Eff.	Voltage	FL Amps
1	1800	143T	EM3116T-G	85.5	208-230/460	1.5
1.5	1800	145T	EM3154T-G	86.5	230/460	2.2
2	1800	145T	EM3157T-G	86.5	230/460	2.9
3	1800	182T	EM3211T-G	89.5	230/460	4.1
5	1800	184T	EM3218T-G	89.5	208-230/460	6.6
7.5	1800	213T	EM3311T-G	91.0	208-230/460	9.7
10	1800	215T	EM3313T-G	91.7	230/460	12.5
15	1800	254T	EM2513T-G	93.0	230/460	17.7
20	1800	256T	EM2515T-G	93.0	230/460	23.5
25	1800	284T	EM2531T-G	93.6	230/460	29
30	1800	286T	EM2535T-G	94.1	230/460	35
40	1800	324T	EM2539T-G	94.1	230/460	49
50	1800	326T	EM2543T-G	94.5	230/460	57

For pricing please reference the current Baldor stock product catalog

Warranty

Baldor Electric Company's warranty covers manufacturing defects of our motor. Electro Static Technology covers the performance of the AEGIS™ shaft grounding ring with a separate warranty, as follows:

Electro Static Technology warrants that any new motor up to 100 Hp/75 kW will not fail from electrical bearing damage during the normal Baldor warranty period of the motor when the AEGIS™ SGR Bearing Protection Ring is installed. If electrically induced fluting or heavy frosting damage occurs during the normal Baldor warranty period of the motor, Electro Static Technology will replace the motor bearings, subject to the terms and conditions of the AEGIS™ SGR Guarantee Program. Complete details of the guarantee program can be found at www.baldor.com/aegiswarranty.



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