

Super-E® Motors with Baldor Shaft Grounding Brush 1/2 – 50 HP, 56C thru 326T



NEMA
Premium

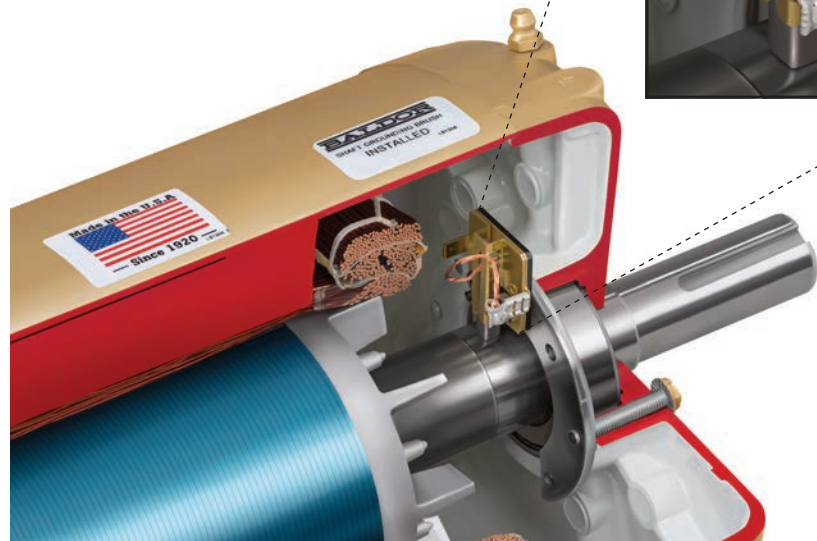


Applications:

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

Features:

- Baldor shaft grounding brush installed internally
- Compact, rugged, spring loaded carbon brush
- Choice of TEFC or ODP enclosures available
- Variety of 2, 4 and 6 pole designs
- 1 – 50 HP standard T frames
- 1/2 – 5 HP C-Face foot mounted
- Class H Inverter Ready insulation system - Meets NEMA MG 1 Part 31.4.4.2
- Other speeds, horsepower ratings, and voltages available as custom motors
- Three year limited warranty



BALDOR
A MEMBER OF THE ABB GROUP

**Three Phase,
TEFC, Foot Mounted
with Internal Baldor
Shaft Grounding Brush**

**1 thru 50 Hp
NEMA 143T thru 326T**



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
Totally Enclosed Fan Cooled, 230/460 Volt										
1	1800	143T	EM3546T-BG	872	L1	13.31	36	85.5	208-230/460	1.5
1 1/2	1800	145T	EM3554T-BG	900	L1	13.31	42	86.5	208-230/460	2.2
2	3600	145T	EM3555T-BG	961	L1	13.31	46	85.5	208-230/460	2.5
	1800	145T	EM3558T-BG	927	L1	13.31	42	86.5	208-230/460	2.9
3	3600	145T	EM3559T-BG	1,037	L1	14.19	60	86.5	208-230/460	3.6
	1800	182T	EM3611T-BG	1,037	L1	16.54	74	89.5	208-230/460	4.2
	1200	213T	EM3704T-BG	1,570	L1	19.01	135	89.5	230/460	4.6
5	3600	184T	EM3613T-BG	1,175	L1	16.54	76	88.5	230/460	5.9
	1800	184T	EM3615T-BG	1,116	L1	18.04	92	89.5	208-230/460	6.7
	1200	215T	EM3708T-BG	1,745	L1	19.76	154	89.5	208-230/460	7.3
7 1/2	3600	213T	EM3709T-BG	1,686	L1	17.89	133	89.5	208-230/460	9
	1800	213T	EM3710T-BG	1,547	L1	19.01	129	91.7	230/460	9.4
	1200	254T	EM2276T-BG	2,812	L1	23.30	281	91	230/460	10.7
10	3600	215T	EM3711T-BG	1,706	L1	17.89	118	90.2	208-230/460	11.8
	1800	215T	EM3714T-BG	1,718	L1	20.51	156	91.7	208-230/460	12
	1200	256T	EM2332T-BG	3,172	L1	23.30	291	91	230/460	14.4
15	3600	254T	EM2394T-BG	2,783	L1	23.30	239	91	230/460	17.5
	1800	254T	EM2333T-BG	2,569	L1	23.30	270	92.4	230/460	18.1
	1200	284T	EM4100T-BG	4,179	L1	27.76	369	91.7	230/460	21
20	1800	256T	EM2334T-BG	3,059	L1	23.30	295	93	230/460	24
	1200	286T	EM4102T-BG	5,465	L1	27.76	393	91.7	208-230/460	27
25	1800	284T	EM4103T-BG	3,956	L1	27.76	380	93.6	230/460	30
	1200	324T	EM4111T-BG	6,211	L1	30.39	507	93	230/460	32
30	1800	286T	EM4104T-BG	4,637	L1	27.76	410	93.6	230/460	38
40	1800	324T	EM4110T-BG	6,039	L1	30.28	596	94.1	230/460	48
50	1800	326T	EM4115T-BG	6,565	L1	30.28	648	94.5	230/460	58
Totally Enclosed Fan Cooled, 575 Volt										
3	1800	182T	EM3611T-5BG	1,037	L1	16.54	70	89.5	575	3.3
5	1800	184T	EM3615T-5BG	1,116	L1	18.04	93	89.5	575	5.3
7 1/2	1800	213T	EM3710T-5BG	1,547	L1	19.01	127	91.7	575	7.6
10	1800	215T	EM3714T-5BG	1,718	L1	20.51	165	91.7	575	9.6
15	1800	254T	EM2333T-5BG	2,569	L1	23.30	268	92.4	575	14.6
20	1800	256T	EM2334T-5BG	3,059	L1	23.30	303	93	575	19.2
25	1800	284T	EM4103T-5BG	3,956	L1	27.76	420	93.6	575	23.9
30	1800	286T	EM4104T-5BG	4,637	L1	27.76	437	93.6	575	31
40	1800	324T	EM4110T-5BG	6,039	L1	30.28	578	94.1	575	39
50	1800	326T	EM4115T-5BG	6,565	L1	30.28	700	94.5	575	46

Shaded areas indicate cast iron construction.

For additional information on these or any other Baldor products, please visit www.baldor.com or contact your local Baldor•Reliance Sales Representative.

BALDOR • RELIANCE® Super-E® Shaft Grounding Brush Motors

**Three Phase,
ODP, Foot Mounted
with Internal Baldor
Shaft Grounding Brush**

**1 thru 50 Hp
NEMA 143T thru 326T**



**NEMA
Premium**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
Open Drip Proof, 230/460 Volt										
1	1800	143T	EM3116T-BG	877	L1	11.12	34	85.5	208-230/460	1.5
1 1/2	1800	145T	EM3154T-BG	909	L1	11.62	38	86.5	230/460	2.2
2	3600	143T	EM3155T-BG	884	L1	11.62	41	85.5	208-230/460	2.5
	1800	145T	EM3157T-BG	962	L1	12.12	41	86.5	230/460	2.9
3	3600	145T	EM3158T-BG	893	L1	13.00	46	85.5	230/460	3.8
	1800	182T	EM3211T-BG	1,055	L1	15.00	72	89.5	230/460	4.2
	1200	213T	EM3305T-BG	1,328	L1	16.32	110	88.5	208-230/460	4.5
5	3600	182T	EM3212T-BG	991	L1	13.62	60	86.5	208-230/460	6
	1800	184T	EM3218T-BG	1,137	L1	16.50	84	89.5	208-230/460	6.6
	1200	215T	EM3309T-BG	1,672	L1	17.45	141	89.5	208-230/460	7.4
7 1/2	3600	184T	EM3219T-BG	1,456	L1	15.00	75	88.5	208-230/460	8.6
	1800	213T	EM3311T-BG	1,602	L1	16.32	115	91	208-230/460	9.7
	1200	254T	EM2506T-BG	2,002	L1	23.19	243	90.2	230/460	11
10	3600	213T	EM3312T-BG	1,661	L1	16.32	110	89.5	208-230/460	12
	1800	215T	EM3313T-BG	1,893	L1	17.45	127	91.7	230/460	12.5
	1200	256T	EM2511T-BG	2,526	L1	23.19	255	91.7	230/460	14.3
15	3600	215T	EM3314T-BG	2,266	L1	16.32	123	90.2	230/460	17.5
	1800	254T	EM2513T-BG	2,630	L1	21.69	210	93	230/460	17.7
	1200	284T	EM2524T-BG	3,350	L1	23.81	281	91.7	230/460	20.5
20	1800	256T	EM2515T-BG	2,860	L1	21.69	227	93	230/460	23.5
	1200	286T	EM2528T-BG	4,012	L1	23.81	299	92.4	230/460	27
25	1800	284T	EM2531T-BG	3,465	L1	25.06	314	93.6	230/460	30
30	1800	286T	EM2535T-BG	3,761	L1	25.06	337	94.1	230/460	35
40	1800	324T	EM2539T-BG	4,882	L1	27.19	389	94.1	230/460	49
50	1800	326T	EM2543T-BG	5,349	L1	27.69	473	94.5	230/460	57
Open Drip Proof, 575 Volt										
3	1800	182T	EM3211T-5BG	1,055	L1	15.00	74	89.5	575	3.3
5	1800	184T	EM3218T-5BG	1,137	L1	16.50	92	89.5	575	5.3
7 1/2	1800	213T	EM3311T-5BG	1,602	L1	16.32	120	91.7	575	7.6
10	1800	215T	EM3313T-5BG	1,893	L1	17.45	132	91.7	575	10
15	1800	254T	EM2513T-5BG	2,630	L1	21.69	234	93	575	14.1
20	1800	256T	EM2515T-5BG	2,860	L1	21.69	250	93	575	18.9
25	1800	284T	EM2531T-5BG	3,465	L1	25.06	375	93.6	575	24.5
30	1800	286T	EM2535T-5BG	3,761	L1	25.06	377	94.1	575	28
40	1800	324T	EM2539T-5BG	4,882	L1	27.19	378	94.1	575	40
50	1800	326T	EM2543T-5BG	5,349	L1	27.69	497	94.5	575	46

For additional information on these or any other Baldor products, please visit www.baldor.com or contact your local Baldor•Reliance Sales Representative.

BALDOR • RELIANCE® Super-E® Shaft Grounding Brush Motors

**C-Face, Three Phase,
TEFC, Foot Mounted,
with Internal Baldor
Shaft Grounding Brush**

**1/2 thru 5 Hp
NEMA 56C thru 184TC**



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
1/2	1800	56C	CEM3538-BG	854	K	12.23	32	82.5	208-230/460	0.8
3/4	1800	56C	CEM3542-BG	881	K	12.23	36	84	208-230/460	1.1
1	1800	143TC	CEM3546T-BG	907	L1	13.29	36	85.5	208-230/460	1.5
1 1/2	1800	145TC	CEM3554T-BG	935	L1	13.29	42	86.5	208-230/460	2.2
2	1800	145TC	CEM3558T-BG	962	L1	13.29	42	86.5	208-230/460	2.9
3	1800	182TC	CEM3611T-BG	1,109	L1	16.55	74	89.5	208-230/460	4.2
5	1800	184TC	CEM3615T-BG	1,188	L1	18.05	92	89.5	208-230/460	6.7

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BALDOR®

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