

**Short Series
Brake Motor,
Three Phase, TEFC,
With Internal
AEGIS™
Shaft Ground**

1 thru 5 Hp



NEMA 143T thru 184T



Applications: Unit and baggage handling, conveyors, packaging equipment, machine tools, hoists, elevators and door operators.



Features: Class H insulated with AEGIS™ shaft grounding ring installed internally. UL/CSA recognized and CE certified. Dodge short series brakes are spring set, magnetically released power off type brakes and integrally mounted in the motor for the most compact design. Brakes are single phase with built-in rectifier to DC. Brakes have a manual release lever. Leads are brought to the motor conduit box for connecting to the motor leads (56-140 frames) or connecting separately (180-210 frames). 140 frames have low profile F3 top-mounted conduit box. SSB brake motors can be universally mounted and are inverter ready. 143-145TY frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors. Super-E® NEMA Premium® efficiency. 3 year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	EISA Status (a)	Notes (a)
Foot Mounted													
1	1800	143TY	EBM3546T-SG	1,399	L1	15.43	49	85.5	208-230/460	1.5	6	C	1, 48
1 1/2	1800	145TY	EBM3554T-SG	1,452	L1	16.31	59	86.5	208-230/460	2.1	10	C	1, 48
2	1800	145TY	EBM3558T-SG	1,483	L1	16.31	62	86.5	208-230/460	2.7	10	C	1, 48
3	1800	182T	EBM3611T-SG	1,895	L1	20.55	72	89.5	208-230/460	4.2	15	C	1, 48
5	1800	184T	EBM3615T-SG	2,264	L1	20.55	88	89.5	208-230/460	6.5	25	C	1, 48
C-Face, Footless													
1	1800	143TC	VEBM3546T-SG	1,400	L1	15.68	47	85.5	208-230/460	1.5	6	C	1, 48
1 1/2	1800	145TC	VEBM3554T-SG	1,455	L1	16.68	59	86.5	208-230/460	2.1	10	C	1, 48
2	1800	145TC	VEBM3558T-SG	1,483	L1	16.24	67	86.5	208-230/460	2.7	10	C	1, 48
3	1800	182TC	VEBM3611T-SG	1,929	L1	20.55	77	89.5	208-230/460	4.2	15	C	1, 48
5	1800	184TC	VEBM3615T-SG	2,299	L1	20.55	115	89.5	208-230/460	6.5	15	C	1, 48

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes