

**Short Series
Brake Motor,
Three Phase,
TEFC**

1/2 thru 5 Hp

NEMA 56 thru 184TC

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

Features: 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). 56-140 frames have low profile F3 top-mounted conduit box. Inverter ready. 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.



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													
1/2	1800	56	BM3538-S	1,016	K	14.37	42	74	208-230/460	1.2	3	C	1, 48
3/4	1800	56	BM3542-S	1,056	K	14.37	47	84	208-230/460	1.1	3	C	1, 48
1	1800	56	BM3546-S	1,095	K	14.37	47	82.5	208-230/460	1.6	6	C	1, 48
		143TY	BM3546T-S	1,095	L1	15.43	51	82.5	208-230/460	1.6	6	C	1, 48
1 1/2	1800	145TY	BM3554T-S	1,135	L1	15.43	55	84	208-230/460	2.4	10	C	1, 48
2	1800	145TY	BM3558T-S	1,164	L1	15.43	53	84	208-230/460	3.1	10	C	1, 48
3	1800	182T	BM3611T-S	1,576	L1	18.68	79	87.5	208-230/460	4.2	15	C	1, 48
5	1800	184T	BM3615T-S	1,955	L1	19.05	97	87.5	208-230/460	7.1	25	C	1, 48
C-Face, Footless													
1/2	1800	56C	VBM3538-5S	1,008	K	14.37	47	82.5	575	0.6	3	C	1, 48
		56C	VBM3538-S	1,008	K	14.37	44	74	208-230/460	1.2	3	C	1, 48
3/4	1800	56C	VBM3542-S	1,049	K	14.37	50	84	208-230/460	1.1	3	C	1, 48
1	1800	56C	VBM3546-5S	1,097	K	14.37	47	82.5	575	1.2	6	C	1, 48
		56C	VBM3546-S	1,097	K	14.37	49	82.5	208-230/460	1.6	6	C	1, 48
		143TC	VBM3546T-S	1,097	L1	14.43	49	82.5	208-230/460	1.6	6	C	1, 48
1 1/2	1800	56C	VBM3554-S	1,137	K	15.37	51	84	208-230/460	2.4	10	C	1, 48
		145TC	VBM3554T-5S	1,137	L1	15.43	52	84	575	1.7	10	C	1, 48
		145TC	VBM3554T-S	1,137	L1	15.43	51	84	208-230/460	2.4	10	C	1, 48
2	1800	56C	VBM3558-S	1,164	K	15.37	57	84	208-230/460	3.1	10	C	1, 48
		145TC	VBM3558T-5S	1,164	L1	15.43	58	84	575	2.2	10	C	1, 48
		145TC	VBM3558T-S	1,164	L1	15.43	56	84	208-230/460	3.1	10	C	1, 48
3	1800	182TC	VBM3611T-S	1,609	L1	18.68	80	87.5	208-230/460	4.2	15	C	1, 48
5	1800	184TC	VBM3615T-S	1,990	L1	19.05	97	87.5	208-230/460	7.1	25	C	1, 48

(a) See notes on inside back flap.

D-Series and SSB Fast Response Brake Kit

Frame	Enclosure	Catalog Number	Voltage	Aprx. Wt. (lb)	List Price	Mult. Sym.
56 - 180	TENV, TEFC, SSB	FBRK115230	115/230	1	114	A8
56 - 180	TENV, TEFC, SSB	FBRK230460	230/460	1	125	A8

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 Start & Dynamic Brakes