

**D-Series
Brake Motor,
Three Phase,
Totally Enclosed**

1/2 thru 10 Hp

NEMA 56 thru 215T

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



Features: UL/CSA recognized and CE certified. Dodge “D” Series brakes are spring set, magnetically released power off type brakes flange mounted to the motor. 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. D series brake motors can be universally mounted. Inverter ready. 143-145TY and 143-145TCY frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors.

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Foot Mounted													
1/2	1800	56	TENV	BNM3538-D	926	K	14.96	43	80	208-230/460	0.8	3	1, 48
3/4	1800	56	TENV	BNM3542-D	1,259	K	14.96	47	78.5	208-230/460	1.4	6	1, 48
1	1800	56	TENV	BNM3546-D	1,307	K	15.96	39	85.5	208-230/460	1.5	6	1, 48
		145TY	TENV	BNM3546T-D	1,411	L1	16.02	58	85.5	208-230/460	1.5	6	1, 48
1 1/2	1800	56	TENV	BNM3554-D	1,356	K	15.96	66	86.5	208-230/460	2.3	10	1, 48
		145TY	TENV	BNM3554T-D	1,465	L1	16.90	65	86.5	208-230/460	2.1	10	1, 48
2	1800	56	TEFC	BM3558-D	1,387	K	17.29	45	84	208-230/460	3.1	10	1, 48
		145TY	TEFC	EBM3558T-D	1,631	L1	17.35	61	86.5	208-230/460	2.9	10	1, 48
3	1800	182T	TEFC	EBM3611T-D	2,112	L1	21.64	104	89.5	208-230/460	4.1	15	1, 48
5	1800	184T	TEFC	EBM3615T-D	2,554	L1	23.14	117	89.5	208-230/460	6.7	15	1, 48
7 1/2	1800	213T	TEFC	EBM3710T-D	3,434	L1	25.42	170	91.7	208-230/460	9.4	25	1, 48
10	1800	215T	TEFC	EBM3714T-D	4,227	L1	26.92	165	91.7	208-230/460	12	35	1, 48
C-Face, Foot Mounted													
2	1800	145TCY	TEFC	CEBM3558T-D	1,723	L1	17.35	61	86.5	208-230/460	2.9	10	1, 48
3	1800	182TC	TEFC	CEBM3611T-D	2,184	L1	21.64	103	89.5	208-230/460	4.1	15	1, 48
5	1800	184TC	TEFC	CEBM3615T-D	2,532	L1	23.14	121	89.5	208-230/460	6.7	25	1, 48
7 1/2	1800	213TC	TEFC	CEBM3710T-D	3,570	L1	26.17	127	91.7	208-230/460	9.4	25	1, 48
10	1800	215TC	TEFC	CEBM3714T-D	4,364	L1	27.67	165	91.7	208-230/460	12	35	1, 48
C-Face, Footless													
1/2	1800	56C	TEFC	VBM3538-5D	1,205	K	16.29	48	78.5	575	0.7	3	1, 48
		56C	TEFC	VBM3538-D	1,205	K	16.29	46	72	208-230/460	1.1	3	1, 48
		56C	TENV	VBNM3538-D	1,233	K	15.96	44	80	208-230/460-480	0.8	3	1, 48
3/4	1800	56C	TEFC	VBM3542-D	1,251	K	16.29	51	78.5	208-230/460	1.4	6	1, 48
		56C	TEFC	VEBM3542-D	1,373	K	16.29	52	84	208-230/460	1.1	6	1, 48
		56C	TENV	VBNM3542-D	1,280	K	15.96	48	78.5	208-230/460	1.4	6	1, 48
1	1800	56C	TEFC	VBM3546-D	1,308	K	16.29	55	82.5	208-230/460	1.6	6	1, 48
		56C	TENV	VBNM3546-D	1,338	K	15.96	55	85.5	208-230/460	1.5	6	1, 48
		56C	TEFC	VEBM3546-D	1,429	K	16.29	54	85.5	208-230/460	1.5	6	1, 48
		143TC	TEFC	VBM3546T-5D	1,412	L1	16.35	40	82.5	575	1.3	6	1, 48
		143TC	TEFC	VBM3546T-D	1,412	L1	16.35	49	82.5	208-230/460	1.6	6	1, 48
		143TC	TENV	VBNM3546T-D	1,442	L1	16.02	57	85.5	208-230/460	1.5	6	1, 48
		143TC	TEFC	VEBM3546T-5D	1,534	L1	16.35	52	85.5	575	1.2	6	1, 48
1 1/2	1800	56C	TEFC	VBM3554-D	1,357	K	17.29	58	84	208-230/460	2.4	10	1, 48
		56C	TENV	VBNM3554-D	1,385	K	16.83	64	86.5	208-230/460	2.1	10	1, 48
		56C	TEFC	VEBM3554-D	1,488	K	17.29	62	86.5	208-230/460	2.2	10	1, 48
		145TC	TEFC	VBM3554T-5D	1,466	L1	17.35	54	84	575	1.9	10	1, 48
		145TC	TEFC	VBM3554T-D	1,466	L1	17.35	54	84	208-230/460	2.4	10	1, 48
		145TC	TENV	VBNM3554T-D	1,494	L1	16.90	65	86.5	208-230/460	2.1	10	1, 48
		145TC	TEFC	VEBM3554T-5D	1,597	L1	17.35	55	86.5	575	1.8	10	1, 48
		145TC	TEFC	VEBM3554T-D	1,597	L1	17.35	58	86.5	208-230/460	2.2	10	1, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Red Catalog Number indicates **NEW** Product.

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Unit Handling
Motors

Brake Motors

200 & 575 Volt
Motors

IEC Frame
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50 Hertz
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and Controls

Soft Starters

Gearmotors and
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Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
2	1800	56C	TEFC	VBM3558-D	1,387	K	17.29	63	84	208-230/460	3.1	10	1, 48
		145TC	TEFC	VBM3558T-5D	1,499	L1	17.35	57	84	575	2.5	10	1, 48
		145TC	TEFC	VBM3558T-D	1,499	L1	17.35	56	84	208-230/460	3.1	10	1, 48
		145TC	TEFC	VEBM3558T-5D	1,631	L1	17.35	62	86.5	575	2.3	10	1, 48
		145TC	TEFC	VEBM3558T-D	1,631	L1	17.35	62	86.5	208-230/460	2.9	10	1, 48
3	1800	182TC	TEFC	VBM3611T-5D	2,076	L1	20.62	79	87.5	575	3.3	15	1, 48
		182TC	TEFC	VBM3611T-D	2,076	L1	20.62	80	87.5	208-230/460	4.2	15	1, 48
		182TC	TEFC	VEBM3611T-5D	2,153	L1	21.64	101	89.5	575	3.1	15	1, 48
		182TC	TEFC	VEBM3611T-D	2,153	L1	21.64	101	89.5	208-230/460	4.2	15	1, 48
5	1800	184TC	TEFC	VBM3615T-5D	2,567	L1	21.64	81	87.5	575	5.5	15	1, 48
		184TC	TEFC	VBM3615T-D	2,567	L1	21.64	105	87.5	208-230/460	6.8	15	1, 48
		184TC	TEFC	VEBM3615T-5D	2,596	L1	23.14	117	89.5	575	5.2	15	1, 48
		184TC	TEFC	VEBM3615T-D	2,596	L1	23.14	117	89.5	208-230/460	6.7	15	1, 48
7 1/2	1800	213TC	TEFC	VBM3710T-D	3,348	L1	25.01	162	89.5	208-230/460	10.1	25	1, 48
		213TC	TEFC	VEBM3710T-D	3,534	L1	26.17	127	91.7	208-230/460	9.4	25	1, 48
10	1800	215TC	TEFC	VBM3714T-D	4,230	L1	26.17	157	89.5	208-230/460	13.5	35	1, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

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