

Single and Three Phase, C-Face, TEFC

1/2 thru 7-1/2 Hp

NEMA 56C thru 213TC

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



Features: UL/CSA recognized and CE certified. CEUHM/VEUHM motors are Super-E® with NEMA Premium® efficiency, Inverter-ready. 143-145TY and 143-145TCY frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors. 56-140 frames have low profile F3 top-mounted conduit box. 3 year warranty on Super-E® motors.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase, C-Face, Foot Mounted											
1/2	1800	56C	CUHL3518	490	K	12.22	37	64	115/208-230	4	
1	1800	56C	CUHL3519	597	K	13.22	41	67	115/208-230	6.4	
Single Phase, C-Face, Footless											
1/2	1800	56C	VUHL3518	464	K	12.22	37	64	115/208-230	4	
1	1800	56C	VUHL3519	571	K	13.22	41	67	115/208-230	6.4	
Three Phase, C-Face, Foot Mounted											
1/2	1800	56C	CUHM3538	420	K	12.23	32	72	208-230/460	1.1	1, 48
3/4	1800	56C	CUHM3542	444	K	12.23	35	75.5	208-230/460	1.1	1, 48
1	1800	56C	CUHM3546	476	K	12.23	35	82.5	208-230/460	1.6	1, 48
		143TCY	CEUHM3546T	681	L1	13.29	38	85.5	208-230/460	1.5	1, 48
1 1/2	1800	56C	CUHM3554	518	K	13.23	37	84	208-230/460	2.4	1, 48
		145TCY	CEUHM3554T	719	L1	13.29	41	86.5	208-230/460	2.2	1, 48
2	1800	56C	CUHM3558	555	K	13.23	39	84	208-230/460	3.1	1, 48
		145TCY	CEUHM3558T	792	L1	14.17	48	86.5	208-230/460	2.9	1, 48
3	1800	182TC	CEUHM3611T	926	L1	16.55	70	89.5	208-230/460	4.2	1, 48
5	1800	184TC	CEUHM3615T	1,017	L1	18.05	89	89.5	208-230/460	6.7	1, 48
Three Phase, C-Face, Footless											
1/2	1800	56C	VEUHM3538	607	K	13.23	33	82.5	208-230/460	0.8	1, 48
		56C	VUHM3538	414	K	13.23	32	72	208-230/460	1.1	1, 48
		56C	VUHM3538-5	414	K	13.23	33	82.5	575	0.6	1, 48
3/4	1800	56C	VEUHM3542	645	K	13.23	34	84	208-230/460	1.1	1, 48
		56C	VUHM3542	439	K	13.23	35	75.5	208-230/460	1.1	1, 48
		56C	VUHM3542-5	439	K	13.23	35	75.5	575	0.9	1, 48
1	1800	56C	VEUHM3546	664	K	13.23	38	85.5	208-230/460	1.5	1, 48
		56C	VUHM3546	470	K	13.23	35	82.5	208-230/460	1.6	1, 48
		56C	VUHM3546-5	470	K	13.23	35	82.5	575	1.3	1, 48
		143TC	VEUHM3546T	676	L1	13.29	38	85.5	208-230/460	1.5	1, 48
		143TC	VEUHM3546T-5	676	L1	13.29	34	85.5	575	1.2	48
		143TC	VUHM3546T	507	L1	13.29	35	82.5	208-230/460	1.6	1, 48
		143TC	VUHM3546T-5	507	L1	13.29	39	82.5	575	1.2	1, 48
		143TC	VUHM3554	512	K	13.23	37	84	208-230/460	2.4	1, 48
1 1/2	1800	145TC	VEUHM3554T	706	L1	13.29	41	86.5	208-230/460	2.2	1, 48
		145TC	VEUHM3554T-5	706	L1	13.29	41	86.5	575	1.8	48
		145TC	VUHM3554T	553	L1	13.29	39	84	208-230/460	2.4	1, 48
		145TC	VUHM3554T-5	553	L1	13.29	40	84	575	1.9	1, 48
		56C	VUHM3558	551	K	13.23	39	84	208-230/460	3.1	1, 48
2	1800	145TC	VEUHM3558T	784	L1	14.17	48	86.5	208-230/460	2.9	1, 48
		145TC	VEUHM3558T-5	784	L1	14.17	48	86.5	575	2.4	48
		145TC	VUHM3558T	595	L1	13.29	39	84	208-230/460	3.1	1, 48
		145TC	VUHM3558T-5	595	L1	13.29	49	84	575	2.2	1, 48
3	1800	182TC	VEUHM3611T	891	L1	16.55	70	89.5	208-230/460	4.2	1, 48
		182TC	VUHM3611T	719	L1	16.56	62	87.5	208-230/460	4.2	1, 48
5	1800	184TC	VEUHM3615T	980	L1	18.05	83	89.5	208-230/460	6.7	1, 48
		184TC	VUHM3615T	822	L1	16.55	81	87.5	208-230/460	6.8	1, 48
7 1/2	1800	213TC	VEUHM3710T	1,445	L1	19.76	120	91.7	208-230/460	9.4	48

(a) See notes on inside back flap.

Farm Duty Motors
 Definite Purpose Motors
 Unit Handling Motors
 Brake Motors
 200 & 375 Volt Motors
 IEC Frame Motors
 50 Hertz Motors
 Inverter/Vector Motors & Controls
 DC Motors and Controls
 Soft Starters & Dynamic Brakes

**High Cycle
Brake Motor,
Three Phase**

1/2 thru 3 Hp

NEMA 56C thru 182TC

Applications: Unit and baggage handling, conveyors and other applications requiring frequent starting and stopping.



Features: UL/CSA recognized and CE certified. Low inertia high efficiency motor with cast aluminum footless frame for increased thermal dissipation specific to this application. A DC brake with integral rectifier provides for faster action than traditional spring-set brakes. Not suitable for use with inverters; Dodge brake on 1.5 thru 3 Hp has TEFC enclosure.

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	Notes (a)
C-Face, Footless													
1/2	1800	56C	TENV	VRBM3538	1,399	K	13.62	33	75.5	208-230/460	0.9	3	1,60
3/4	1800	56C	TENV	VRBM3542	1,638	K	14.50	37	75	208-230/460	1.3	72	1,60
1	1800	56C	TENV	VRBM3546	1,888	K	15.50	23	80	230/460	1.6	6	1,60
		143TC	TENV	VRBM3546T	2,019	L1	15.57	46	80	230/460	1.6	72	1,60
1 1/2	1800	145TC	TEFC	VRBM3554T	2,054	L1	16.31	71	82.5	230/460	2.3	10	1
2	1800	145TC	TEFC	VRBM3558T	2,110	L1	17.68	77	84	230/460	2.9	10	1
3	1800	145TC	TEFC	VRBM3561T	2,173	L1	17.68	84	87.5	230/460	4.1	15	1
		182TC	TEFC	VRBM3161T	2,579	L1	18.68	78	87.5	230/460	4.1	15	1

(a) See notes on inside back flap.

**D-Series
Brake Motor,
Single Phase,
TEFC**

1/2 thru 1 Hp

NEMA 56C

Applications: 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). D series brake motors can be universally mounted. Low profile top-mounted F3 conduit box. 2 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	Notes (a)
C-Face, Foot Mounted												
1/2	1800	56C	CBL3518-D	1,215	K	17.29	43	64	115/208-230	4	3	
3/4	1800	56C	CBL3597-D	1,283	K	17.29	43	68	115/208-230	5.5	3	
1	1800	56C	CBL3519-D	1,350	K	17.29	47	67	115/208-230	6.4	6	
C-Face, Footless												
1/2	1800	56C	VBL3518-D	1,209	K	16.29	43	64	115/208-230	4	3	
3/4	1800	56C	VBL3597-D	1,277	K	16.29	45	68	115/208-230	5.5	3	
1	1800	56C	VBL3519-D	1,343	K	17.29	56	67	115/208-230	6.4	6	

(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 Start & Dynamic Brakes

**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	Notes (a)
Foot Mounted													
1/2	1800	56	TENV	BNM3538-D	926	K	14.96	45	80	208-230/460	0.8	6	1, 48
3/4	1800	56	TENV	BNM3542-D	1,259	K	14.96	41	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	16.83	57	86.5	208-230/460	2	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	59	86.5	208-230/460	2.9	10	1, 48
3	1800	182T	TEFC	EBM3611T-D	2,112	L1	21.64	99	89.5	208-230/460	4.1	15	1, 48
5	1800	184T	TEFC	EBM3615T-D	2,554	L1	23.14	115	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	35	1, 48
10	1800	215T	TEFC	EBM3714T-D	4,227	L1	26.92	165	91.7	208-230/460	12	50	1, 48
C-Face, Foot Mounted													
2	1800	145TY	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	99	89.5	208-230/460	4.1	15	1, 48
5	1800	184TC	TEFC	CEBM3615T-D	2,532	L1	23.14	122	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	39	74	575	0.9	3	1, 48
		56C	TEFC	VBM3538-D	1,205	K	16.29	45	72	208-230/460	1.1	3	1, 48
		56C	TENV	VBNM3538-D	1,233	K	15.96	45	80	208-230/460-480	0.9	3	1, 48
3/4	1800	56C	TEFC	VBM3542-D	1,251	K	16.29	41	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	41	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	44	85.5	208-230/460	1.5	6	1, 48
		143TC	TEFC	VBM3546T-5D	1,412	L1	16.35	40	82.5	575	1.2	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	39	85.5	208-230/460	1.5	6	1, 48
		143TC	TEFC	VEBM3546T-5D	1,534	L1	16.35	46	85.5	575	1.2	6	1, 48
		143TC	TEFC	VEBM3546T-D	1,534	L1	16.35	46	85.5	208-230/460	1.5	6	1, 48
		143TC	TEFC	VEBM3546T-D	1,534	L1	16.35	46	85.5	208-230/460	1.5	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	52	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	53	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.

Farm Duty Motors
Definite Purpose Motors
Unit Handling Motors
Brake Motors
200 & 375 Volt Motors
IEC Frame Motors
50 Hertz Motors
Inverter/Vector Motors & Controls
DC Motors and Controls
Soft Starters & Dynamic Brakes

D-Series Brake Motor, Three Phase, Totally Enclosed

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	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	51	84	575	2.2	10	1, 48
		145TC	TEFC	VBM3558T-D	1,499	L1	17.35	45	84	208-230/460	3.1	10	1, 48
		145TC	TEFC	VEBM3558T-5D	1,631	L1	18.23	57	86.5	575	2.4	10	1, 48
		145TC	TEFC	VEBM3558T-D	1,631	L1	18.23	48	86.5	208-230/460	2.9	10	1, 48
3	1800	182TC	TEFC	VBM3611T-5D	2,076	L1	20.62	65	87.5	575	3.4	15	1, 48
		182TC	TEFC	VBM3611T-D	2,076	L1	20.62	67	87.5	208-230/460	4.2	15	1, 48
		182TC	TEFC	VEBM3611T-5D	2,153	L1	21.64	96	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	93	87.5	208-230/460	6.8	15	1, 48
		184TC	TEFC	VEBM3615T-5D	2,596	L1	23.14	92	89.5	575	5.2	15	1, 48
		184TC	TEFC	VEBM3615T-D	2,596	L1	23.14	93	89.5	208-230/460	6.7	15	1, 48
7 1/2	1800	213TC	TEFC	VBM3710T-D	3,348	L1	25.04	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.

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

**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. 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	Notes (a)
Foot Mounted												
1/2	1800	56	BM3538-S	1,153	K	14.37	45	72	208-230/460	1.1	3	1, 48
3/4	1800	56	BM3542-S	1,198	K	14.37	48	84	208-230/460	1.1	3	1, 48
1	1800	56	BM3546-S	1,242	K	14.37	48	82.5	208-230/460	1.6	6	1, 48
		143TY	BM3546T-S	1,242	L1	15.43	41	82.5	208-230/460	1.6	6	1, 48
1 1/2	1800	145TY	BM3554T-S	1,288	L1	15.43	56	84	208-230/460	2.4	10	1, 48
2	1800	145TY	BM3558T-S	1,321	L1	15.43	57	84	208-230/460	3.1	10	1, 48
3	1800	182T	BM3611T-S	1,788	L1	18.68	73	87.5	208-230/460	4.2	15	1, 48
5	1800	184T	BM3615T-S	2,218	L1	19.05	95	87.5	208-230/460	6.8	25	1, 48
C-Face, Footless												
1/2	1800	56C	VBM3538-5S	1,144	K	14.37	48	82.5	575	0.6	3	1, 48
		56C	VBM3538-S	1,144	K	14.37	42	72	208-230/460	1.1	3	1, 48
3/4	1800	56C	VBM3542-S	1,190	K	14.37	50	84	208-230/460	1.1	3	1, 48
1	1800	56C	VBM3546-5S	1,245	K	14.37	35	82.5	575	1.3	6	1, 48
		56C	VBM3546-S	1,245	K	14.37	48	82.5	208-230/460	1.6	6	1, 48
		143TC	VBM3546T-S	1,245	L1	14.43	48	82.5	208-230/460	1.6	6	1, 48
1 1/2	1800	56C	VBM3554-S	1,290	K	15.37	51	84	208-230/460	2.4	10	1, 48
		145TC	VBM3554T-5S	1,290	L1	15.43	53	84	575	1.9	10	1, 48
		145TC	VBM3554T-S	1,290	L1	15.43	53	84	208-230/460	2.4	10	1, 48
2	1800	56C	VBM3558-S	1,321	K	15.37	52	84	208-230/460	3.1	10	1, 48
		145TC	VBM3558T-5S	1,321	L1	15.43	58	84	575	2.2	10	1, 48
		145TC	VBM3558T-S	1,321	L1	15.43	52	84	208-230/460	3.1	10	1, 48
3	1800	182TC	VBM3611T-S	1,825	L1	18.68	72	87.5	208-230/460	4.2	15	1, 48
5	1800	184TC	VBM3615T-S	2,257	L1	19.05	96	87.5	208-230/460	6.8	25	1, 48

(a) See notes on inside back flap.

D-Series and SSB Fast Response Brake Kit

Applications: These kits are designed for Dodge manufactured D-Series and Short Series brakes. These fast reponse kits allow the brake to provide a faster dropout time (timed to braking).

Frame	Enclosure	Catalog Number	Voltage	Aprx. Wt. (lb)	List Price	Mult. Sym.
56 - 180	TENV, TEFC, SSB	FBRK115230	115	1	131	A8
56 - 180	TENV, TEFC, SSB	FBRK230460	230	1	144	A8

Farm Duty Motors
Definite Purpose Motors
Unit Handling Motors
Brake Motors
200 & 375 Volt Motors
IEC Frame Motors
50 Hertz Motors
Inverter/Vector Motors & Controls
DC Motors and Controls
Soft Starters & Dynamic Brakes