

**Three Phase,  
C-Face, TEFC,  
With Internal  
AEGIS™  
Shaft Ground**

**1 thru 7 1/2 Hp**



**NEMA 143TC thru 213TC**



**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. Motors are Super-E® with NEMA Premium® efficiency, and inverter ready. 143-145TCY frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors. 140 frames have low profile F3 top-mounted conduit box. 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	EISA Status (a)	Notes (a)
<b>Foot Mounted</b>												
1	1800	143TCY	<b>CEUHM3546T-G</b>	705	L1	13.29	39	85.5	208-230/460	1.5	A	1, 48
1 1/2	1800	145TCY	<b>CEUHM3554T-G</b>	738	L1	13.29	47	86.5	208-230/460	2.1	A	1, 48
2	1800	145TCY	<b>CEUHM3558T-G</b>	802	L1	14.17	52	86.5	208-230/460	2.7	A	1, 48
3	1800	182TC	<b>CEUHM3611T-G</b>	931	L1	16.55	64	89.5	208-230/460	4.1	A	1, 48
5	1800	184TC	<b>CEUHM3615T-G</b>	1,011	L1	18.05	82	89.5	208-230/460	6.5	A	1, 48
7 1/2	1800	213TC	<b>CEUHM3710T-G</b>	1,408	L1	19.02	140	91.7	208-230/460	9.4	A	1, 48
<b>Footless</b>												
1	1800	143TC	<b>VEUHM3546T-G</b>	701	L1	13.29	42	85.5	208-230/460	1.5	B	1, 48
1 1/2	1800	145TC	<b>VEUHM3554T-G</b>	727	L1	14.17	51	86.5	208-230/460	2.1	B	1, 48
2	1800	145TC	<b>VEUHM3558T-G</b>	796	L1	14.17	51	86.5	208-230/460	2.7	B	1, 48
3	1800	182TC	<b>VEUHM3611T-G</b>	900	L1	16.55	71	89.5	208-230/460	4.1	B	1, 48
5	1800	184TC	<b>VEUHM3615T-G</b>	979	L1	18.05	94	89.5	208-230/460	6.5	B	1, 48
7 1/2	1800	213TC	<b>VEUHM3710T-G</b>	1,395	L1	19.76	127	91.7	208-230/460	9.4	B	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

Single and Three Phase, C-Face, TEFC

1/2 thru 5 Hp

NEMA 56C thru 184TC

**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, CUHM/VUHM motors are EPAct efficiency and all are 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	EISA Status (a)	Notes (a)
<b>Single Phase, C-Face, Foot Mounted</b>												
1/2	1800	56C	CUHL3518	432	K	12.22	37	64	115/208-230	4	C	
1	1800	56C	CUHL3519	526	K	13.22	35	67	115/208-230	6.4	C	
<b>Single Phase, C-Face, Footless</b>												
1/2	1800	56C	VUHL3518	409	K	12.22	29	64	115/208-230	4	C	
1	1800	56C	VUHL3519	503	K	13.22	34	67	115/208-230	6.4	C	
<b>Three Phase, C-Face, Foot Mounted</b>												
1/2	1800	56C	CUHM3538	370	K	12.23	29	74	208-230/460	1.2	C	1, 48
3/4	1800	56C	CUHM3542	391	K	12.23	34	75.5	208-230/460	1.1	C	1, 48
1	1800	56C	CUHM3546	419	K	12.23	36	82.5	208-230/460	1.6	C	1, 48
		143TCY	CEUHM3546T	600	L1	13.29	39	85.5	208-230/460	1.5	A	1, 48
		143TCY	CUHM3546T	419	L1	13.29	37	82.5	208-230/460	1.6	D	1, 48
1 1/2	1800	56C	CUHM3554	456	K	13.23	40	84	208-230/460	2.4	C	1, 48
		145TCY	CEUHM3554T	634	L1	14.17	47	86.5	208-230/460	2.1	A	1, 48
		145TCY	CUHM3554T	456	L1	13.29	41	84	208-230/460	2.4	D	1, 48
2	1800	56C	CUHM3558	489	K	13.23	43	84	208-230/460	3.1	C	1, 48
		145TCY	CEUHM3558T	698	L1	14.17	52	86.5	208-230/460	2.6	A	1, 48
		145TCY	CUHM3558T	489	L1	13.29	43	84	208-230/460	3.1	D	1, 48
3	1800	182TC	CEUHM3611T	816	L1	16.55	47	89.5	208-230/460	4.1	A	1, 48
		182TC	CUHM3611T	618	L1	16.56	66	87.5	208-230/460	4.2	D	1, 48
5	1800	184TC	CEUHM3615T	896	L1	18.05	82	89.5	230/460	6.5	A	1, 48
		184TC	CUHM3615T	702	L1	18.05	95	89.5	208-230/460	6.5	D	1, 48
<b>Three Phase, C-Face, Footless</b>												
1/2	1800	56C	VEUHM3538	535	K	13.23	35	82.5	208-230/460	0.8	C	1, 48
		56C	VUHM3538	365	K	13.23	31	74	208-230/460	1.2	C	1, 48
		56C	VUHM3538-5	365	K	13.23	35	82.5	575	0.6	C	1, 48
3/4	1800	56C	VEUHM3542	568	K	13.23	34	84	208-230/460	1.1	C	1, 48
		56C	VUHM3542	387	K	13.23	34	75.5	208-230/460	1.1	C	1, 48
		56C	VUHM3542-5	387	K	13.23	4	75.5	575	0.9	C	1, 48
1	1800	56C	VEUHM3546	585	K	13.23	42	85.5	208-230/460	1.5	C	1, 48
		56C	VUHM3546	414	K	13.23	36	82.5	208-230/460	1.6	C	1, 48
		56C	VUHM3546-5	414	K	13.23	38	82.5	575	1.2	C	1, 48
		143TC	VEUHM3546T	596	L1	13.29	42	85.5	208-230/460	1.5	B	1, 48
		143TC	VEUHM3546T-5	596	L1	13.29	42	85.5	575	1.1	B	48
		143TC	VUHM3546T	447	L1	13.29	35	82.5	208-230/460	1.6	B	1, 48
1 1/2	1800	143TC	VUHM3546T-5	447	L1	13.29	38	82.5	575	1.2	B	1, 48
		56C	VUHM3554	451	K	13.23	40	84	208-230/460	2.4	C	1, 48
		145TC	VEUHM3554T	622	L1	14.17	51	86.5	208-230/460	2.1	B	1, 48
		145TC	VEUHM3554T-5	622	L1	14.17	51	86.5	575	1.6	B	48
		145TC	VUHM3554T	487	L1	13.29	40	84	208-230/460	2.4	B	1, 48
		145TC	VUHM3554T-5	487	L1	13.29	42	84	575	1.7	B	1, 48

(a) See notes on inside back flap.

**Single and Three Phase, C-Face, TEFC**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
2	1800	56C	VUHM3558	485	K	13.23	42	84	208-230/460	3.1	C	1, 48
		145TC	VEUHM3558T	691	L1	14.17	51	86.5	208-230/460	2.6	B	1, 48
		145TC	VEUHM3558T-5	691	L1	14.17	51	86.5	575	2.2	B	48
		145TC	VUHM3558T	524	L1	13.29	43	84	208-230/460	3.1	B	1, 48
		145TC	VUHM3558T-5	524	L1	13.29	46	84	575	2.2	B	1, 48
3	1800	182TC	VEUHM3611T	785	L1	16.55	70	89.5	208-230/460	4.1	B	1, 48
		182TC	VUHM3611T	634	L1	16.56	63	87.5	208-230/460	4.2	B	1, 48
5	1800	184TC	VEUHM3615T	864	L1	18.05	94	89.5	230/460	6.5	B	1, 48
		184TC	VUHM3615T	724	L1	18.05	94	89.5	208-230/460	6.5	B	1, 48
7 1/2	1800	213TC	VEUHM3710T	1,274	L1	19.78	141	91.7	230/460	9.4	B	48

<sup>(a)</sup> 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

Farm Duty  
Motors

Definite Purpose  
Motors

Unit Handling  
Motors

**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. An internally connected DC brake with integral rectifier provides for faster action than traditional spring-set brakes. Not suitable for use with inverters 1/2 thru 1 Hp in TENV enclosure; Dodge brake on 1.5 thru 3 Hp as TEFC enclosure.

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)
<b>C-Face, Footless</b>													
1/2	1800	56C	<b>VRBM3538</b>	1,233	K	13.61	36	75.5	208-230/460	0.9	3	C	1, 60
3/4	1800	56C	<b>VRBM3542</b>	1,444	K	14.50	41	75	208-230/460	1.3	6	C	1, 60
1	1800	56C	<b>VRBM3546</b>	1,664	K	15.50	46	80	230/460	1.6	6	C	1, 60
		143TC	<b>VRBM3546T</b>	1,780	L1	15.57	46	80	230/460	1.6	6	C	1, 60
1 1/2	1800	145TC	<b>VRBM3554T</b>	1,811	L1	16.31	62	82.5	230/460	2.3	10	C	1
2	1800	145TC	<b>VRBM3558T</b>	1,860	L1	17.68	70	84	230/460	2.9	10	C	1
3	1800	145TC	<b>VRBM3561T</b>	1,916	L1	17.68	75	87.5	230/460	4.1	15	C	1
		182TC	<b>VRBM3161T</b>	2,274	L1	18.68	83	87.5	230/460	4.1	15	C	1

(a) See notes on inside back flap.

Brake Motors

200 & 575 Volt  
Motors

IEC Frame  
Motors

**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	EISA Status (a)	Notes (a)
<b>C-Face, Foot Mounted</b>													
1/2	1800	56C	<b>CBL3518-D</b>	1,071	K	17.29	52	64	115/208-230	4	3	C	
3/4	1800	56C	<b>CBL3597-D</b>	1,131	K	17.29	53	68	115/208-230	5.5	3	C	
1	1800	56C	<b>CBL3519-D</b>	1,190	K	17.29	47	67	115/208-230	6.4	6	C	
<b>C-Face, Footless</b>													
1/2	1800	56C	<b>VBL3518-D</b>	1,066	K	16.29	49	64	115/208-230	4	3	C	
3/4	1800	56C	<b>VBL3597-D</b>	1,126	K	16.29	50	68	115/208-230	5.5	3	C	
1	1800	56C	<b>VBL3519-D</b>	1,184	K	17.29	56	67	115/208-230	6.4	6	C	

(a) See notes on inside back flap.

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. 2 year warranty.



Hp	RPM	NEMA Frame	Encl.	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)
<b>Foot Mounted</b>														
1/2	1800	56	TENV	<b>BNM3538-D</b>	816	K	14.96	48	75.5	208-230/460	0.8	6	C	1, 48
3/4	1800	56	TENV	<b>BNM3542-D</b>	1,110	K	14.96	46	78.5	208-230/460	1.4	6	C	1, 48
1	1800	56	TENV	<b>BNM3546-D</b>	1,152	K	15.96	50	85.5	208-230/460	1.4	6	C	1, 48
		145TY	TENV	<b>BNM3546T-D</b>	1,152	L1	16.02	57	85.5	208-230/460	1.4	6	C	1, 48
1 1/2	1800	56	TENV	<b>BNM3554-D</b>	1,195	K	16.83	32	86.5	208-230/460	2	10	C	1, 48
		145TY	TENV	<b>BNM3554T-D</b>	1,195	L1	16.90	64	86.5	208-230/460	2	10	C	1, 48
2	1800	56	TEFC	<b>BM3558-D</b>	1,223	K	17.29	34	84	208-230/460	3.1	10	C	1, 48
		145TY	TEFC	<b>BM3558T-D</b>	1,223	L1	17.35	57	84	208-230/460	3.1	10	D	1, 48
		145TY	TEFC	<b>EBM3558T-D</b>	1,438	L1	17.35	66	86.5	208-230/460	2.7	10	A	1, 48
3	1800	182T	TEFC	<b>BM3611T-D</b>	1,658	L1	20.61	78	87.5	208-230/460	4.2	15	D	1, 48
		182T	TEFC	<b>EBM3611T-D</b>	1,862	L1	21.64	76	89.5	230/460	4.2	15	A	1, 48
5	1800	184T	TEFC	<b>BM3615T-D</b>	2,059	L1	23.14	114	89.5	208-230/460	6.5	15	D	1, 48
		184T	TEFC	<b>EBM3615T-D</b>	2,252	L1	23.14	92	89.5	230/460	6.5	25	A	1, 48
7 1/2	1800	213T	TEFC	<b>BM3710T-D</b>	2,646	L1	24.29	162	89.5	208-230/460	10.1	25	D	1, 48
		213T	TEFC	<b>EBM3710T-D</b>	3,028	L1	25.42	170	91.7	230/460	9.4	25	A	1, 48
10	1800	215T	TEFC	<b>EBM3714T-D</b>	3,727	L1	26.92	165	91.7	208-230/460	12	50	A	1, 48
<b>C-Face, Foot Mounted</b>														
2	1800	145TCY	TEFC	<b>CBM3558T-D</b>	1,305	L1	17.35	57	84	208-230/460	3.1	10	D	1, 48
		145TY	TEFC	<b>CEBM3558T-D</b>	1,519	L1	18.23	66	86.5	208-230/460	2.7	10	A	1, 48
3	1800	182TC	TEFC	<b>CBM3611T-D</b>	1,720	L1	20.62	85	87.5	208-230/460	4.2	15	D	1, 48
		182TC	TEFC	<b>CEBM3611T-D</b>	1,925	L1	21.64	83	89.5	230/460	4.2	15	A	1, 48
5	1800	184TC	TEFC	<b>CBM3615T-D</b>	2,039	L1	23.14	108	89.5	208-230/460	6.5	25	D	1, 48
		184TC	TEFC	<b>CEBM3615T-D</b>	2,232	L1	23.14	126	89.5	230/460	6.5	25	A	1, 48
7 1/2	1800	213TC	TEFC	<b>CBM3710T-D</b>	2,766	L1	25.01	162	89.5	208-230/460	10.1	25	D	1, 48
		213TC	TEFC	<b>CEBM3710T-D</b>	3,148	L1	26.17	169	91.7	230/460	9.4	25	A	1, 48
10	1800	215TC	TEFC	<b>CBM3714T-D</b>	3,486	L1	26.17	174	89.5	208-230/460	13.5	35	D	1, 48
		215TC	TEFC	<b>CEBM3714T-D</b>	3,848	L1	27.67	203	91.7	230/460	12.5	35	A	1, 48
<b>C-Face, Footless</b>														
1/2	1800	56C	TEFC	<b>VBM3538-5D</b>	1,062	K	16.29	25	74	575	0.9	3	C	1, 48
		56C	TEFC	<b>VBM3538-D</b>	1,062	K	16.29	27	74	208-230/460	1.2	3	C	1, 48
		56C	TENV	<b>VBNM3538-D</b>	1,087	K	15.96	49	75.5	208-230/460-480	0.8	3	C	1, 48
3/4	1800	56C	TEFC	<b>VBM3542-D</b>	1,103	K	16.29	52	84	208-230/460	1.1	6	C	1, 48
		56C	TENV	<b>VBNM3542-D</b>	1,128	K	15.96	50	78.5	208-230/460	1.4	6	C	1, 48
1	1800	56C	TEFC	<b>VBM3546-D</b>	1,153	K	16.29	52	82.5	208-230/460	1.6	6	C	1, 48
		56C	TENV	<b>VBNM3546-D</b>	1,179	K	15.96	56	85.5	208-230/460	1.4	6	C	1, 48
		56C	TEFC	<b>VEBM3546-D</b>	1,352	K	17.29	40	85.5	208-230/460	1.5	6	C	1, 48
		143TC	TEFC	<b>VBM3546T-5D</b>	1,245	L1	16.35	50	82.5	575	1.2	6	B	1, 48
		143TC	TEFC	<b>VBM3546T-D</b>	1,245	L1	16.35	49	82.5	208-230/460	1.6	6	B	1, 48
		143TC	TENV	<b>VBNM3546T-D</b>	1,179	L1	16.02	57	85.5	208-230/460	1.4	6	C	1, 48
		143TC	TEFC	<b>VEBM3546T-5D</b>	1,352	L1	17.35	40	85.5	575	1.5	6	B	1, 48
		143TC	TEFC	<b>VEBM3546T-D</b>	1,352	L1	17.35	40	85.5	208-230/460	1.5	6	B	1, 48

(a) See notes on inside back flap.

D-Series Brake Motor, Three Phase, Totally Enclosed

Hp	RPM	NEMA Frame	Encl.	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)
1 1/2	1800	56C	TEFC	<b>VBM3554-D</b>	1,196	K	17.29	57	84	208-230/460	2.4	10	C	1, 48
		56C	TENV	<b>VBNM3554-D</b>	1,221	K	16.83	65	86.5	208-230/460	2	10	C	1, 48
		56C	TEFC	<b>VEBM3554-D</b>	1,408	K	18.22	52	86.5	208-230/460	2.1	10	C	1, 48
		145TC	TEFC	<b>VBM3554T-5D</b>	1,292	L1	17.35	57	84	575	1.7	10	B	1, 48
		145TC	TEFC	<b>VBM3554T-D</b>	1,292	L1	17.35	54	84	208-230/460	2.4	10	B	1, 48
		145TC	TENV	<b>VBNM3554T-D</b>	1,221	L1	16.83	65	86.5	208-230/460	2	10	C	1, 48
		145TC	TEFC	<b>VEBM3554T-5D</b>	1,408	L1	18.60	53	86.5	575	1.6	10	B	1, 48
		145TC	TEFC	<b>VEBM3554T-D</b>	1,408	L1	18.60	53	86.5	208-230/460	2.1	10	B	1, 48
2	1800	56C	TEFC	<b>VBM3558-D</b>	1,223	K	17.29	56	84	208-230/460	3.1	10	C	1, 48
		145TC	TEFC	<b>VBM3558T-5D</b>	1,321	L1	17.35	31	84	575	2.2	10	B	1, 48
		145TC	TEFC	<b>VBM3558T-D</b>	1,321	L1	17.35	57	84	208-230/460	3.1	10	B	1, 48
		145TC	TEFC	<b>VEBM3558T-5D</b>	1,438	L1	18.23	40	86.5	575	2.2	10	B	1, 48
		145TC	TEFC	<b>VEBM3558T-D</b>	1,438	L1	18.23	40	86.5	208-230/460	2.7	10	B	1, 48
3	1800	182TC	TEFC	<b>VBM3611T-5D</b>	1,830	L1	20.62	65	87.5	575	3.4	15	B	1, 48
		182TC	TEFC	<b>VBM3611T-D</b>	1,830	L1	20.62	82	87.5	208-230/460	4.2	15	B	1, 48
		182TC	TEFC	<b>VEBM3611T-5D</b>	1,898	L1	23.14	79	89.5	575	3.1	15	B	1, 48
		182TC	TEFC	<b>VEBM3611T-D</b>	1,898	L1	23.14	79	89.5	230/460	4.2	15	B	1, 48
5	1800	184TC	TEFC	<b>VBM3615T-5D</b>	2,263	L1	23.14	114	90.2	575	5.2	15	B	1, 48
		184TC	TEFC	<b>VBM3615T-D</b>	2,263	L1	23.14	122	89.5	208-230/460	6.5	15	B	1, 48
		184TC	TEFC	<b>VEBM3615T-5D</b>	2,289	L1	23.14	120	89.5	575	5.2	15	B	1, 48
		184TC	TEFC	<b>VEBM3615T-D</b>	2,289	L1	23.14	120	89.5	230/460	6.5	15	B	1, 48
7 1/2	1800	213TC	TEFC	<b>VBM3710T-D</b>	2,952	L1	25.01	162	89.5	208-230/460	10.1	25	B	1, 48
		213TC	TEFC	<b>VEBM3710T-D</b>	3,116	L1	26.17	170	91.7	230/460	9.4	25	B	1, 48
10	1800	215TC	TEFC	<b>VBM3714T-D</b>	3,730	L1	26.17	174	89.5	208-230/460	13.5	35	B	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,  
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)
<b>Foot Mounted</b>													
1	1800	143TY	<b>EBM3546T-SG</b>	1,399	L1	15.43	49	85.5	208-230/460	1.5	6	C	1, 48
1 1/2	1800	145TY	<b>EBM3554T-SG</b>	1,452	L1	16.31	59	86.5	208-230/460	2.1	10	C	1, 48
2	1800	145TY	<b>EBM3558T-SG</b>	1,483	L1	16.31	62	86.5	208-230/460	2.7	10	C	1, 48
3	1800	182T	<b>EBM3611T-SG</b>	1,895	L1	20.55	72	89.5	208-230/460	4.2	15	C	1, 48
5	1800	184T	<b>EBM3615T-SG</b>	2,264	L1	20.55	88	89.5	208-230/460	6.5	25	C	1, 48
<b>C-Face, Footless</b>													
1	1800	143TC	<b>VEBM3546T-SG</b>	1,400	L1	15.68	47	85.5	208-230/460	1.5	6	C	1, 48
1 1/2	1800	145TC	<b>VEBM3554T-SG</b>	1,455	L1	16.68	59	86.5	208-230/460	2.1	10	C	1, 48
2	1800	145TC	<b>VEBM3558T-SG</b>	1,483	L1	16.24	67	86.5	208-230/460	2.7	10	C	1, 48
3	1800	182TC	<b>VEBM3611T-SG</b>	1,929	L1	20.55	77	89.5	208-230/460	4.2	15	C	1, 48
5	1800	184TC	<b>VEBM3615T-SG</b>	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

**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)
<b>Foot Mounted</b>													
1/2	1800	56	<b>BM3538-S</b>	1,016	K	14.37	42	74	208-230/460	1.2	3	C	1, 48
3/4	1800	56	<b>BM3542-S</b>	1,056	K	14.37	47	84	208-230/460	1.1	3	C	1, 48
1	1800	56	<b>BM3546-S</b>	1,095	K	14.37	47	82.5	208-230/460	1.6	6	C	1, 48
		143TY	<b>BM3546T-S</b>	1,095	L1	15.43	51	82.5	208-230/460	1.6	6	C	1, 48
1 1/2	1800	145TY	<b>BM3554T-S</b>	1,135	L1	15.43	55	84	208-230/460	2.4	10	C	1, 48
2	1800	145TY	<b>BM3558T-S</b>	1,164	L1	15.43	53	84	208-230/460	3.1	10	C	1, 48
3	1800	182T	<b>BM3611T-S</b>	1,576	L1	18.68	79	87.5	208-230/460	4.2	15	C	1, 48
5	1800	184T	<b>BM3615T-S</b>	1,955	L1	19.05	97	87.5	208-230/460	7.1	25	C	1, 48
<b>C-Face, Footless</b>													
1/2	1800	56C	<b>VBM3538-5S</b>	1,008	K	14.37	47	82.5	575	0.6	3	C	1, 48
		56C	<b>VBM3538-S</b>	1,008	K	14.37	44	74	208-230/460	1.2	3	C	1, 48
3/4	1800	56C	<b>VBM3542-S</b>	1,049	K	14.37	50	84	208-230/460	1.1	3	C	1, 48
1	1800	56C	<b>VBM3546-5S</b>	1,097	K	14.37	47	82.5	575	1.2	6	C	1, 48
		56C	<b>VBM3546-S</b>	1,097	K	14.37	49	82.5	208-230/460	1.6	6	C	1, 48
		143TC	<b>VBM3546T-S</b>	1,097	L1	14.43	49	82.5	208-230/460	1.6	6	C	1, 48
1 1/2	1800	56C	<b>VBM3554-S</b>	1,137	K	15.37	51	84	208-230/460	2.4	10	C	1, 48
		145TC	<b>VBM3554T-5S</b>	1,137	L1	15.43	52	84	575	1.7	10	C	1, 48
		145TC	<b>VBM3554T-S</b>	1,137	L1	15.43	51	84	208-230/460	2.4	10	C	1, 48
2	1800	56C	<b>VBM3558-S</b>	1,164	K	15.37	57	84	208-230/460	3.1	10	C	1, 48
		145TC	<b>VBM3558T-5S</b>	1,164	L1	15.43	58	84	575	2.2	10	C	1, 48
		145TC	<b>VBM3558T-S</b>	1,164	L1	15.43	56	84	208-230/460	3.1	10	C	1, 48
3	1800	182TC	<b>VBM3611T-S</b>	1,609	L1	18.68	80	87.5	208-230/460	4.2	15	C	1, 48
5	1800	184TC	<b>VBM3615T-S</b>	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	<b>FBRK115230</b>	115/230	1	114	A8
56 - 180	TENV, TEFC, SSB	<b>FBRK230460</b>	230/460	1	125	A8