

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

**1/2 thru 7 1/2 Hp**



**Features:**

- Low profile F-3 conduit box
- Multiple base mounting configurations
- Color coded and numbered leads for ease of connectivity
- Inverter ready
- Laser etched nameplate with highly legible font
- Super-E® motors have NEMA Premium® efficiency
- 3 year warranty on Premium efficient motors

**Applications:**

- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Single Phase, Foot Mounted</b>											
1/2	1800	56C	<b>CUHL3518</b>	490	K	12.22	37	68	115/208-230	3.5	
1	1800	56C	<b>CUHL3519</b>	597	K	13.22	44	67	115/208-230	6.4	
<b>Single Phase, Footless</b>											
1/2	1800	56C	<b>VUHL3518</b>	464	K	12.22	35	68	115/208-230	3.5	
1	1800	56C	<b>VUHL3519</b>	571	K	13.22	40	67	115/208-230	6.4	
<b>Three Phase, Foot Mounted</b>											
1/2	1800	56C	<b>CUHM3538</b>	420	K	12.23	27	72	230/460	1.1	1, 48
3/4	1800	56C	<b>CUHM3542</b>	444	K	12.23	31	77	230/460	1.2	1, 48
1	1800	56C	<b>CEUHM3546</b>	672	K	12.23	38	85.5	230/460	1.5	1, 48
		143TCY	<b>CEUHM3546T</b>	681	L1	13.29	39	85.5	230/460	1.5	1, 37, 48
1 1/2	1800	56C	<b>CEUHM3554</b>	710	K	13.23	41	86.5	230/460	2.2	1, 48
		145TCY	<b>CEUHM3554T</b>	719	L1	13.29	45	86.5	230/460	2.2	1, 37, 48
2	1800	56C	<b>CEUHM3558</b>	784	K	13.23	45	86.5	230/460	2.9	1, 48
		145TCY	<b>CEUHM3558T</b>	792	L1	13.29	50	86.5	230/460	2.9	1, 37, 48
3	1800	182TC	<b>CEUHM3611T</b>	926	L1	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	<b>CEUHM3615T</b>	1,017	L1	18.05	94	89.5	230/460	6.7	1, 48
<b>Three Phase, Footless</b>											
1/2	1800	56C	<b>VEUHM3538</b>	607	K	13.23	33	82.5	208-230/460	0.8	1, 48
		56C	<b>VUHM3538</b>	414	K	13.23	30	72	230/460	1.1	1, 48
3/4	1800	56C	<b>VEUHM3542</b>	645	K	13.23	35	84	208-230/460	1.1	1, 48
		56C	<b>VUHM3542</b>	439	K	13.23	35	77	230/460	1.2	1, 48
1	1800	56C	<b>VEUHM3546</b>	664	K	13.23	38	85.5	230/460	1.5	1, 48
		56C	<b>VUHM3546</b>	470	K	13.23	35	82.5	230/460	1.6	1, 16, 48
		143TC	<b>VEUHM3546T</b>	676	L1	13.29	38	85.5	230/460	1.5	1, 48
		143TC	<b>VUHM3546T</b>	507	L1	13.29	36	82.5	230/460	1.6	1, 16, 48
1 1/2	1800	56C	<b>VEUHM3554</b>	845	K	13.23	41	86.5	230/460	2.2	1, 48
		56C	<b>VUHM3554</b>	512	K	13.23	40	84	230/460	2.4	1, 16, 48
		145TC	<b>VEUHM3554T</b>	706	L1	13.29	43	86.5	230/460	2.2	1, 48
		145TC	<b>VUHM3554T</b>	553	L1	13.29	39	84	230/460	2.4	1, 16, 48
2	1800	56C	<b>VEUHM3558</b>	891	K	13.23	45	86.5	230/460	2.9	1, 48
		56C	<b>VUHM3558</b>	551	K	13.23	43	84	230/460	3.1	1, 16, 48
		145TC	<b>VEUHM3558T</b>	784	L1	13.29	48	86.5	230/460	2.9	1, 48
		145TC	<b>VUHM3558T</b>	595	L1	13.29	43	84	230/460	3.1	1, 16, 48
3	1800	182TC	<b>VEUHM3611T</b>	891	L1	16.55	73	89.5	230/460	4.2	1, 48
		182TC	<b>VUHM3611T</b>	719	L1	16.56	64	87.5	230/460	4.2	1, 16, 48
5	1800	184TC	<b>VEUHM3615T</b>	980	L1	18.05	88	89.5	230/460	6.7	1, 48
		184TC	<b>VUHM3615T</b>	822	L1	16.55	75	87.5	230/460	6.8	1, 16, 48
7 1/2	1800	213TC	<b>VEUHM3710T</b>	1,445	L1	19.76	151	91.7	230/460	9.5	1, 48

(a) See notes on inside back flap.

Red Catalog Number indicates **NEW** Product.

**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	Notes (a)
<b>Three Phase, Footless, 575 Volts</b>											
1/2	1800	56C	<b>VUHM3538-5</b>	414	K	13.23	33	82.5	575	0.6	1, 48
3/4	1800	56C	<b>VUHM3542-5</b>	439	K	13.23	34	75.5	575	0.9	1, 48
1	1800	56C	<b>VEUHM3546-5</b>	664	K	13.23	38	85.5	575	1.2	1, 48
		143TC	<b>VEUHM3546T-5</b>	676	L1	13.29	38	85.5	575	1.2	1, 48
1 1/2	1800	145TC	<b>VEUHM3554T-5</b>	706	L1	13.29	44	86.5	575	1.8	1, 48
2	1800	145TC	<b>VEUHM3558T-5</b>	784	L1	13.29	48	86.5	575	2.3	1, 48
3	1800	182TC	<b>VEUHM3611T-5</b>	891	L1	16.55	70	89.5	575	3.3	1, 48

(a) See notes on inside back flap.

Definite Purpose Motors

Unit Handling Motors

Brake Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Gearmotors and Gear Products

Motor Accessories

Grinders

High Cycle Brake Motor, Three Phase

1/2 thru 3 Hp



Features:

- Cast aluminum frame design engineered for increased thermal dissipation
- Low inertia, high efficient motor
- Fast action DC brake with integral rectifier

Applications:

- Frequent start and stop applications
- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Hoists

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)
<b>C-Face, Footless</b>													
1/2	1800	56C	TENV	VRBM3538	1,399	K	13.62	35	75.5	208-230/460	0.9	3	1
3/4	1800	56C	TENV	VRBM3542	1,638	K	14.50	47	75	208-230/460	1.3	6	1
1	1800	56C	TENV	VRBM3546	1,888	K	15.50	47	80	230/460	1.6	6	1
		143TC	TENV	VRBM3546T	2,019	L1	15.57	46	80	230/460	1.6	6	1
1 1/2	1800	145TC	TEFC	VRBM3554T	2,054	L1	16.31	63	82.5	230/460	2.3	10	1
2	1800	145TC	TEFC	VRBM3558T	2,110	L1	17.68	69	84	230/460	2.9	10	1
3	1800	145TC	TEFC	VRBM3561T	2,173	L1	17.68	76	87.5	230/460	4.1	15	1
		182TC	TEFC	VRBM3161T	2,579	L1	18.68	82	87.5	230/460	4.1	15	1

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

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

1/2 thru 1 Hp



Features:

- Low profile F-3 conduit box
- Spring set, magnetically released power off brake
- Fast action DC brake with integral rectifier
- Manual release lever
- Suitable for mounting in any configuration

Applications:

- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
1/2	1800	56C	VBL3518-D	1,209	K	16.29	43	68	115/208-230	3.5	3	
3/4	1800	56C	VBL3597-D	1,277	K	16.29	50	68	115/208-230	5.5	3	
1	1800	56C	VBL3519-D	1,384	K	17.29	60	67	115/208-230	6.4	6	

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

D-Series Brake Motor, Three Phase, Totally Enclosed

1/2 thru 10 Hp



Features:

- Low profile F-3 conduit box
- Fast action DC brake with integral rectifier
- Manual release lever
- Suitable for mounting in any configuration
- Inverter ready
- Super-E® motors have NEMA Premium® efficiency

Applications:

- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

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)
<b>Foot Mounted</b>													
1/2	1800	56	TENV	<b>BNM3538-D</b>	954	K	14.96	43	80	208-230/460	0.8	3	1, 48
3/4	1800	56	TENV	<b>BNM3542-D</b>	1,297	K	14.96	47	78.5	208-230/460	1.4	6	1, 48
1	1800	56	TENV	<b>EBNM3546-D</b>	1,456	K	15.96	51	85.5	230/460	2	6	1, 10, 48
		145TY	TENV	<b>EBNM3546T-D</b>	1,456	L1	16.02	51	85.5	230/460	2	6	1, 10, 48
1 1/2	1800	56	TENV	<b>EBNM3554-D</b>	1,573	K	16.83	62	86.5	230/460	2	10	1, 10, 48
		145TY	TENV	<b>EBNM3554T-D</b>	1,573	L1	16.90	62	86.5	230/460	2	10	1, 10, 48
2	1800	56	TEFC	<b>BM3558-D</b>	1,429	K	17.29	45	84	208-230/460	3.1	10	1, 16, 48
		145TY	TEFC	<b>EBM3558T-D</b>	1,680	L1	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182T	TEFC	<b>EBM3611T-D</b>	2,176	L1	21.64	104	89.5	230/460	4.1	15	1, 48
5	1800	184T	TEFC	<b>EBM3615T-D</b>	2,631	L1	23.14	117	89.5	230/460	6.7	15	1, 48
7 1/2	1800	213T	TEFC	<b>EBM3710T-D</b>	3,538	L1	25.42	170	91.7	230/460	9.4	25	1, 48
10	1800	215T	TEFC	<b>EBM3714T-D</b>	4,354	L1	26.92	165	91.7	230/460	12	35	1, 48
<b>C-Face, Foot Mounted</b>													
2	1800	145TCY	TEFC	<b>CEBM3558T-D</b>	1,775	L1	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	<b>CEBM3611T-D</b>	2,250	L1	21.64	103	89.5	230/460	4.1	15	1, 48
5	1800	184TC	TEFC	<b>CEBM3615T-D</b>	2,608	L1	23.14	121	89.5	230/460	6.7	25	1, 48
7 1/2	1800	213TC	TEFC	<b>CEBM3710T-D</b>	3,678	L1	26.17	141	91.7	230/460	9.4	25	1, 48
10	1800	215TC	TEFC	<b>CEBM3714T-D</b>	4,495	L1	27.67	165	91.7	230/460	12	35	1, 48
<b>C-Face, Footless</b>													
1/2	1800	56C	TEFC	<b>VBM3538-D</b>	1,242	K	16.29	46	72	208-230/460	1.1	3	1, 48
		56C	TENV	<b>VBNM3538-D</b>	1,270	K	15.96	44	80	208-230/460-480	0.8	3	1, 48
3/4	1800	56C	TEFC	<b>VBM3542-D</b>	1,289	K	16.29	52	78.5	208-230/460	1.4	6	1, 48
		56C	TEFC	<b>VEBM3542-D</b>	1,415	K	16.29	50	84	208-230/460	1.1	6	1, 48
		56C	TENV	<b>VBNM3542-D</b>	1,319	K	15.96	48	78.5	208-230/460	1.4	6	1, 48
		56C	TENV	<b>VEBM3542-D</b>	1,415	K	16.29	50	84	208-230/460	1.1	6	1, 48
1	1800	56C	TENV	<b>VEBNM3546-D</b>	1,495	K	15.96	51	85.5	230/460	1.5	6	1, 48
		56C	TEFC	<b>VEBM3546-D</b>	1,472	K	16.29	54	85.5	230/460	1.5	6	1, 48
		143TC	TENV	<b>VEBNM3546T-D</b>	1,495	L1	16.02	51	85.5	230/460	1.5	6	1, 48
		143TC	TEFC	<b>VEBM3546T-D</b>	1,581	L1	16.35	51	85.5	230/460	1.5	6	1, 48
1 1/2	1800	56C	TENV	<b>VBNM3554-D</b>	1,427	K	16.83	64	86.5	208-230/460	2.1	10	1, 16, 48
		56C	TEFC	<b>VEBM3554-D</b>	1,533	K	17.29	58	86.5	230/460	2.2	10	1, 48
		145TC	TENV	<b>VEBNM3554T-D</b>	1,612	L1	16.90	62	86.5	230/460	2.1	10	1, 48
		145TC	TEFC	<b>VEBM3554T-D</b>	1,645	L1	17.35	58	86.5	230/460	2.2	10	1, 48
2	1800	56C	TEFC	<b>VEBM3558-D</b>	1,671	K	17.29	57	86.5	230/460	2.9	10	1, 48
		145TC	TEFC	<b>VEBM3558T-D</b>	1,680	L1	17.35	62	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	<b>VBM3611T-D</b>	2,218	L1	20.62	80	87.5	208-230/460	4.2	15	1, 16, 48
		182TC	TEFC	<b>VEBM3611T-D</b>	2,218	L1	21.64	101	89.5	230/460	4.2	15	1, 48
5	1800	184TC	TEFC	<b>VEBM3615T-D</b>	2,674	L1	23.14	117	89.5	230/460	6.7	15	1, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Red Catalog Number indicates **NEW** Product.

Definite Purpose Motors

Unit Handling Motors

Brake Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Gearmotors and Gear Products

Motor Accessories

Grinders

## 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 (b)	Notes (a)
7 1/2	1800	213TC	TEFC	<b>VEBM3710T-D</b>	3,641	L1	26.17	127	91.7	230/460	9.5	25	1, 48
10	1800	215TC	TEFC	<b>VEBM3714T-D</b>	4,222	L1	27.67	177	92	230/460	12	35	1, 48
<b>C-Face, Footless, 575 Volts</b>													
1/2	1800	56C	TEFC	<b>VBM3538-5D</b>	1,242	K	16.29	48	78.5	575	0.7	3	1, 48
1	1800	143TC	TEFC	<b>VEBM3546T-5D</b>	1,581	L1	16.35	52	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	TEFC	<b>VEBM3554T-5D</b>	1,645	L1	17.35	55	86.5	575	1.8	10	1, 48
2	1800	145TC	TEFC	<b>VEBM3558T-5D</b>	1,680	L1	17.35	62	86.5	575	2.3	10	1, 48
3	1800	182TC	TEFC	<b>VEBM3611T-5D</b>	2,218	L1	21.64	101	89.5	575	3.1	15	1, 48
5	1800	184TC	TEFC	<b>VEBM3615T-5D</b>	2,674	L1	23.14	117	89.5	575	5.2	15	1, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Red Catalog Number indicates **NEW** Product.

## D-Series and SSB Fast Response Brake Kit

**Applications:** These kits are designed for Dodge manufactured D-Series and Short Series brakes. These fast response 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	<b>FBRK115230</b>	115	1	131	A8
56 - 180	TENV, TEFC, SSB	<b>FBRK230460</b>	230	1	144	A8

Definite Purpose Motors

Unit Handling Motors

Brake Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Gearmotors and Gear Products

Motor Accessories

Grinders

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

**1/2 thru 5 Hp**



**Features:**

- Low Profile F-3 conduit box
- Compact design
- Fast action DC brake with integral rectifier
- Suitable for mounting in any configuration
- Inverter ready
- Super-E® motors have NEMA Premium® efficiency

**Applications:**

- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
<b>Foot Mounted</b>												
1/2	1800	56	<b>BM3538-S</b>	1,188	K	14.37	42	72	208-230/460	1.1	3	1, 48
3/4	1800	56	<b>BM3542-S</b>	1,234	K	14.37	48	78.5	208-230/460	1.4	3	1, 48
1	1800	56	<b>EBM3546-S</b>	1,334	K	14.37	51	85.5	230/460	1.5	6	1, 10, 48
		56	<b>BM3546-S</b>	1,280	K	14.37	47	82.5	208-230/460	1.6	6	1, 16, 48
		143TY	<b>EBM3546T-S</b>	1,344	L1	15.43	51	85.5	230/460	1.5	6	1, 10, 48
		143TY	<b>BM3546T-S</b>	1,280	L1	15.43	51	82.5	208-230/460	1.6	6	1, 16, 48
1 1/2	1800	145TY	<b>EBM3554T-S</b>	1,458	L1	15.43	54	86.5	230/460	2.2	10	1, 10, 48
		145TY	<b>BM3554T-S</b>	1,327	L1	15.43	56	84	208-230/460	2.4	10	1, 16, 48
2	1800	145TY	<b>EBM3558T-S</b>	1,506	L1	15.43	58	86.6	230/460	2.9	10	1, 48
3	1800	182T	<b>EBM3611T-S</b>	1,776	L1	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184T	<b>EBM3615T-S</b>	2,078	L1	20.55	106	89.5	230/460	6.7	25	1, 48
<b>C-Face, Footless</b>												
1/2	1800	56C	<b>VBM3538-S</b>	1,179	K	14.37	41	72	208-230/460	1.1	3	1, 48
3/4	1800	56C	<b>VBM3542-S</b>	1,226	K	14.37	47	78.5	208-230/460	1.4	3	1, 48
1	1800	56C	<b>VEBM3546-S</b>	1,372	K	14.37	51	85.5	230/460	1.5	6	1, 48
		143TC	<b>VEBM3546T-S</b>	1,383	L1	14.43	51	85.5	230/460	1.5	6	1, 48
1 1/2	1800	56C	<b>VEBM3554-S</b>	1,487	K	15.37	54	86.5	230/460	2.2	10	1, 48
		145TC	<b>VEBM3554T-S</b>	1,497	L1	15.43	54	86.5	230/460	2.2	10	1, 10, 48
2	1800	56C	<b>VEBM3558-S</b>	1,535	K	15.37	58	86.5	230/460	2.9	10	1, 48
		145TC	<b>VEBM3558T-S</b>	1,545	L1	15.43	58	86.5	230/460	2.9	10	1, 48
		145TC	<b>VBM3558T-S</b>	1,321	L1	15.43	57	84	208-230/460	3.1	10	1, 16, 48
3	1800	182TC	<b>VEBM3611T-S</b>	1,850	L1	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184TC	<b>VEBM3615T-S</b>	2,152	L1	20.55	106	89.5	230/460	6.7	25	1, 48
<b>C-Face, Footless, 575 Volts</b>												
1/2	1800	56C	<b>VBM3538-5S</b>	1,179	K	14.37	42	72	575	0.8	3	1, 48
1	1800	56C	<b>VEBM3546-5S</b>	1,372	K	14.37	51	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	<b>VEBM3554-5S</b>	1,497	L1	15.43	54	86.5	575	1.8	10	1, 10, 48
2	1800	145TC	<b>VEBM3558-5S</b>	1,545	L1	15.43	58	86.5	575	2.3	10	1, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Red Catalog Number indicates **NEW** Product.

Definite Purpose Motors

Unit Handling Motors

Brake Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Gearmotors and Gear Products

Motor Accessories

Grinders