

Single and three phase, C-Face, TEFC

1/2 thru 7 1/2 Hp

IP54



Features:

- Low profile F-3 Conduit box, most designs
- 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	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase, foot mounted											
1/2	1800	56C	CUHL3518	490	UH1	12.22	37	68	115/208-230	3.5	
1	1800	56C	CUHL3519	597	UH1	13.22	44	67	115/208-230	6.4	
Single phase, footless											
1/2	1800	56C	VUHL3518	464	UH1	12.22	35	68	115/208-230	3.5	
1	1800	56C	VUHL3519	571	UH1	13.22	40	67	115/208-230	6.4	
Three phase, foot mounted											
1/2	1800	56C	CUHM3538	420	UH3	12.23	27	72	230/460	1.1	1, 48
3/4	1800	56C	CUHM3542	444	UH3	12.23	31	77	230/460	1.2	1, 48
1	1800	56C	CEUHM3546	672	UH3	12.23	38	85.5	230/460	1.5	1, 48
		143TCY	CEUHM3546T	681	UH3	13.29	39	85.5	230/460	1.5	1, 37, 48
1 1/2	1800	56C	CEUHM3554	710	UH3	13.23	41	86.5	230/460	2.2	1, 48
		145TCY	CEUHM3554T	719	UH3	13.29	45	86.5	230/460	2.2	1, 37, 48
2	1800	56C	CEUHM3558	784	UH3	13.23	45	86.5	230/460	2.9	1, 48
		145TCY	CEUHM3558T	792	UH3	13.29	50	86.5	230/460	2.9	1, 37, 48
3	1800	182TC	CEUHM3611T	926	UH3	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	CEUHM3615T	1,017	UH3	18.05	94	89.5	230/460	6.7	1, 48
Three phase, footless											
1/2	1800	56C	VEUHM3538	607	UH3	13.23	33	82.5	208-230/460	0.8	1, 48
		56C	VUHM3538	414	UH3	13.23	30	72	230/460	1.1	1, 48
3/4	1800	56C	VEUHM3542	645	UH3	13.23	35	84	208-230/460	1.1	1, 48
		56C	VUHM3542	439	UH3	13.23	35	77	230/460	1.2	1, 48
1	1800	56C	VEUHM3546	664	UH3	13.23	38	85.5	230/460	1.5	1, 48
		143TC	VEUHM3546T	676	UH3	13.29	38	85.5	230/460	1.5	1, 48
1 1/2	1800	56C	VEUHM3554	845	UH3	13.23	41	86.5	230/460	2.2	1, 48
		145TC	VEUHM3554T	706	UH3	13.29	43	86.5	230/460	2.2	1, 48
2	1800	56C	VEUHM3558	891	UH3	13.23	45	86.5	230/460	2.9	1, 48
		145TC	VEUHM3558T	784	UH3	13.29	48	86.5	230/460	2.9	1, 48
3	1800	182TC	VEUHM3611T	891	UH3	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	VEUHM3615T	980	UH3	18.05	88	89.5	230/460	6.7	1, 48
7 1/2	1800	213TC	VEUHM3710T	1,445	UH3	19.76	151	91.7	230/460	9.5	1, 48
Three phase, footless, 575 volts											
1/2	1800	56C	VUHM3538-5	414	UH3	13.23	33	82.5	575	0.6	1, 48
3/4	1800	56C	VUHM3542-5	439	UH3	13.23	34	75.5	575	0.9	1, 48
1	1800	56C	VEUHM3546-5	664	UH3	13.23	38	85.5	575	1.2	1, 48
		143TC	VEUHM3546T-5	676	UH3	13.29	38	85.5	575	1.2	1, 48
1 1/2	1800	145TC	VEUHM3554T-5	706	UH3	13.29	44	86.5	575	1.8	1, 48
2	1800	145TC	VEUHM3558T-5	784	UH3	13.29	48	86.5	575	2.3	1, 48

(a) See notes on inside back flap.

High cycle brake motor, three phase

1/2 thru 3 Hp

IP54



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	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
C-Face, footless													
1/2	1800	56C	TENV	VRBM3538	1,550	UH3	13.62	35	75.5	208-230/460	0.9	3	1
3/4	1800	56C	TENV	VRBM3542	1,815	UH3	14.50	47	75	208-230/460	1.3	6	
1	1800	56C	TENV	VRBM3546	2,091	UH3	15.50	47	74	230/460	1.6	6	
		143TC	TENV	VRBM3546T	2,236	UH3	15.57	46	74	230/460	1.6	6	
1 1/2	1800	145TC	TEFC	VRBM3554T	2,275	UH3	16.31	63	82.5	230/460	2.3	10	1
2	1800	145TC	TEFC	VRBM3558T	2,338	UH3	17.68	69	84	230/460	2.9	10	1
3	1800	145TC	TEFC	VRBM3561T	2,407	UH3	17.68	76	85.5	230/460	4.4	15	

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

D-series brake motor, three phase, totally enclosed

1/2 thru 10 Hp

IP54



Features:

- Low profile F-3 Conduit box, most designs
- 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	Disc. 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	954	UH3	14.96	43	80	208-230/460	0.8	3	1, 48
3/4	1800	56	TENV	BNM3542-D	1,297	UH3	14.96	47	78.5	208-230/460	1.4	6	1, 48
1	1800	56	TENV	EBNM3546-D	1,456	UH3	15.96	51	85.5	230/460	1.5	6	1, 10, 48
		145TY	TENV	EBNM3546T-D	1,456	UH3	16.02	51	85.5	230/460	1.5	6	1, 10, 48
1 1/2	1800	145TY	TENV	EBNM3554T-D	1,573	UH3	16.90	62	86.5	230/460	2.1	10	10, 48
2	1800	145TY	TEFC	EBM3558T-D	1,680	UH3	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182T	TEFC	EBM3611T-D	2,176	UH3	21.64	104	89.5	230/460	4.1	15	1, 48
5	1800	184T	TEFC	EBM3615T-D	2,631	UH3	23.14	117	89.5	230/460	6.7	15	1, 48
7 1/2	1800	213T	TEFC	EBM3710T-D	3,538	UH3	25.42	170	91.7	230/460	9.5	25	1, 48
10	1800	215T	TEFC	EBM3714T-D	4,354	UH3	26.92	165	91.7	230/460	12	35	1, 48
C-Face, foot mounted													
2	1800	145TCY	TEFC	CEBM3558T-D	1,775	UH3	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	CEBM3611T-D	2,250	UH3	21.64	103	89.5	230/460	4.1	15	1, 48
5	1800	184TC	TEFC	CEBM3615T-D	2,608	UH3	23.14	121	89.5	230/460	6.7	25	1, 48
7 1/2	1800	213TC	TEFC	CEBM3710T-D	3,678	UH3	26.17	141	91.7	230/460	9.5	25	1, 48
10	1800	215TC	TEFC	CEBM3714T-D	4,495	UH3	27.67	165	91.7	230/460	12	35	1, 48
C-Face, footless													
1/2	1800	56C	TEFC	VBM3538-D	1,242	UH3	16.29	46	72	208-230/460	1.1	3	1, 48
		56C	TENV	VBNM3538-D	1,270	UH3	15.96	44	80	208-230/460-480	0.8	3	1, 48
		56C	TEFC	VBM3542-D	1,289	UH3	16.29	52	78.5	208-230/460	1.4	6	1, 48
3/4	1800	56C	TEFC	VEBM3542-D	1,415	UH3	16.29	50	84	208-230/460	1.1	6	1, 48
		56C	TENV	VBNM3542-D	1,319	UH3	15.96	48	78.5	208-230/460	1.4	6	1, 48
		56C	TENV	VEBNM3546-D	1,485	UH3	15.96	51	85.5	230/460	1.5	6	48
1	1800	56C	TEFC	VEBM3546-D	1,472	UH3	16.29	54	85.5	230/460	1.5	6	1, 48
		143TC	TEFC	VEBM3546T-D	1,581	UH3	16.35	51	85.5	230/460	1.5	6	1, 48
		56C	TEFC	VEBM3554-D	1,533	UH3	17.29	58	86.5	230/460	2.2	10	1, 48
1 1/2	1800	145TC	TENV	VEBNM3554T-D	1,612	UH3	16.90	62	86.5	230/460	2.1	10	48
		145TC	TEFC	VEBM3554T-D	1,645	UH3	17.35	58	86.5	230/460	2.2	10	1, 48
2	1800	56C	TEFC	VEBM3558-D	1,671	UH3	17.29	57	86.5	230/460	2.9	10	1, 48
		145TC	TEFC	VEBM3558T-D	1,680	UH3	17.35	62	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	VEBM3611T-D	2,218	UH3	21.64	101	89.5	230/460	4.2	15	1, 48
5	1800	184TC	TEFC	VEBM3615T-D	2,674	UH3	23.14	117	89.5	230/460	6.7	15	1, 48
7 1/2	1800	213TC	TEFC	VEBM3710T-D	3,641	UH3	26.17	151	91.7	230/460	9.5	25	1, 48
10	1800	215TC	TEFC	VEBM3714T-D	4,222	UH3	27.67	177	92	230/460	12	35	1, 48
C-Face, footless, 575 volts													
1	1800	143TC	TEFC	VEBM3546T-5D	1,581	UH3	16.35	52	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	TEFC	VEBM3554T-5D	1,645	UH3	17.35	55	86.5	575	1.8	10	1, 48
2	1800	145TC	TEFC	VEBM3558T-5D	1,680	UH3	17.35	62	86.5	575	2.3	10	1, 48
3	1800	182TC	TEFC	VEBM3611T-5D	2,218	UH3	21.64	101	89.5	575	3.1	15	1, 48
5	1800	184TC	TEFC	VEBM3615T-5D	2,674	UH3	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.

Short series brake motor, three phase, TEFC

1/2 thru 5 Hp

IP54



Features:

- Low profile F-3 Conduit box, most designs
- 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	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Foot mounted												
1	1800	56	EBM3546-S	1,334	UH3	14.37	51	85.5	230/460	1.5	6	1, 10, 48
		143TY	EBM3546T-S	1,344	UH3	15.43	51	85.5	230/460	1.5	6	1, 10, 48
1 1/2	1800	145TY	EBM3554T-S	1,458	UH3	15.43	54	86.5	230/460	2.2	10	1, 10, 48
2	1800	145TY	EBM3558T-S	1,506	UH3	15.43	58	86.6	230/460	2.9	10	1, 48
3	1800	182T	EBM3611T-S	1,776	UH3	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184T	EBM3615T-S	2,078	UH3	20.55	106	89.5	230/460	6.7	25	1, 48
C-Face, footless												
1/2	1800	56C	VBM3538-S	1,179	UH3	14.37	41	72	208-230/460	1.1	3	1, 48
3/4	1800	56C	VBM3542-S	1,226	UH3	14.37	47	78.5	208-230/460	1.4	3	1, 48
1	1800	56C	VEBM3546-S	1,372	UH3	14.37	51	85.5	230/460	1.5	6	1, 48
		143TC	VEBM3546T-S	1,383	UH3	14.43	51	85.5	230/460	1.5	6	1, 48
1 1/2	1800	56C	VEBM3554-S	1,487	UH3	15.37	54	86.5	230/460	2.2	10	1, 48
		145TC	VEBM3554T-S	1,497	UH3	15.43	54	86.5	230/460	2.2	10	1, 10, 48
2	1800	56C	VEBM3558-S	1,535	UH3	15.37	58	86.5	230/460	2.9	10	1, 48
		145TC	VEBM3558T-S	1,545	UH3	15.43	58	86.5	230/460	2.9	10	1, 48
3	1800	182TC	VEBM3611T-S	1,850	UH3	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184TC	VEBM3615T-S	2,152	UH3	20.55	106	89.5	230/460	6.7	25	1, 48
C-Face, footless, 575 volts												
1/2	1800	56C	VBM3538-5S	1,179	UH3	14.37	42	72	575	0.8	3	1, 48
1	1800	56C	VEBM3546-5S	1,372	UH3	14.37	51	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	VEBM3554T-5S	1,497	UH3	15.43	54	86.5	575	1.8	10	1, 10, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.