

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	807	UH1	12.22	37	68	115/208-230	3.5	
1	1800	56C	CUHL3519	983	UH1	13.22	44	67	115/208-230	6.4	
Single phase, footless											
1/2	1800	56C	VUHL3518	764	UH1	12.22	35	68	115/208-230	3.5	
1	1800	56C	VUHL3519	940	UH1	13.22	40	67	115/208-230	6.4	
Three phase, foot mounted											
1/2	1800	56C	CUHM3538	692	UH3	12.23	27	72	230/460	1.1	1, 48
3/4	1800	56C	CUHM3542	731	UH3	12.23	31	77	230/460	1.2	1, 48
1	1800	56C	CEUHM3546	1,107	UH3	12.23	38	85.5	230/460	1.5	1, 48
		143TCY	CEUHM3546T	1,121	UH3	13.29	39	85.5	230/460	1.5	1, 37, 48
1 1/2	1800	56C	CEUHM3554	1,169	UH3	13.23	41	86.5	230/460	2.2	1, 48
		145TCY	CEUHM3554T	1,184	UH3	13.29	45	86.5	230/460	2.2	1, 37, 48
2	1800	56C	CEUHM3558	1,291	UH3	13.23	45	86.5	230/460	2.9	1, 48
		145TCY	CEUHM3558T	1,304	UH3	13.29	50	86.5	230/460	2.9	1, 37, 48
3	1800	182TC	CEUHM3611T	1,525	UH3	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	CEUHM3615T	1,675	UH3	18.05	94	89.5	230/460	6.7	1, 48
Three phase, footless											
1/2	1800	56C	VEUHM3538	1,000	UH3	13.23	33	82.5	208-230/460	0.8	1, 48
		56C	VUHM3538	682	UH3	13.23	30	72	230/460	1.1	1, 48
3/4	1800	56C	VEUHM3542	1,062	UH3	13.23	35	84	208-230/460	1.1	1, 48
		56C	VUHM3542	723	UH3	13.23	35	77	230/460	1.2	1, 48
1	1800	56C	VEUHM3546	1,093	UH3	13.23	38	85.5	230/460	1.5	1, 48
		143TC	VEUHM3546T	1,113	UH3	13.29	38	85.5	230/460	1.5	1, 48
1 1/2	1800	56C	VEUHM3554	1,391	UH3	13.23	41	86.5	230/460	2.2	1, 48
		145TC	VEUHM3554T	1,163	UH3	13.29	43	86.5	230/460	2.2	1, 48
2	1800	56C	VEUHM3558	1,467	UH3	13.23	45	86.5	230/460	2.9	1, 48
		145TC	VEUHM3558T	1,291	UH3	13.29	48	86.5	230/460	2.9	1, 48
3	1800	182TC	VEUHM3611T	1,467	UH3	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	VEUHM3615T	1,614	UH3	18.05	88	89.5	230/460	6.7	1, 48
7 1/2	1800	213TC	VEUHM3710T	2,379	UH3	19.76	151	91.7	230/460	9.5	1, 48
Three phase, footless, 575 volts											
1/2	1800	56C	VUHM3538-5	682	UH3	13.23	33	82.5	575	0.6	1, 48
3/4	1800	56C	VUHM3542-5	723	UH3	13.23	34	75.5	575	0.9	1, 48
1	1800	56C	VEUHM3546-5	1,093	UH3	13.23	38	85.5	575	1.2	1, 48
		143TC	VEUHM3546T-5	1,113	UH3	13.29	38	85.5	575	1.2	1, 48
1 1/2	1800	145TC	VEUHM3554T-5	1,163	UH3	13.29	44	86.5	575	1.8	1, 48
2	1800	145TC	VEUHM3558T-5	1,291	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	2,552	UH3	13.62	35	75.5	208-230/460	0.9	3	1
3/4	1800	56C	TENV	VRBM3542	2,989	UH3	14.50	47	75	208-230/460	1.3	6	
1	1800	56C	TENV	VRBM3546	3,443	UH3	15.50	47	74	230/460	1.6	6	
		143TC	TENV	VRBM3546T	3,682	UH3	15.57	46	74	230/460	1.6	6	
1 1/2	1800	145TC	TEFC	VRBM3554T	3,746	UH3	16.31	63	82.5	230/460	2.3	10	1
2	1800	145TC	TEFC	VRBM3558T	3,850	UH3	17.68	69	84	230/460	2.9	10	1
3	1800	145TC	TEFC	VRBM3561T	3,964	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	1,571	UH3	14.96	43	80	208-230/460	0.8	3	1, 48
3/4	1800	56	TENV	BNM3542-D	2,136	UH3	14.96	47	78.5	208-230/460	1.4	6	1, 48
1	1800	56	TENV	EBNM3546-D	2,398	UH3	15.96	51	85.5	230/460	1.5	6	1, 10, 48
		145TY	TENV	EBNM3546T-D	2,398	UH3	16.02	51	85.5	230/460	1.5	6	1, 10, 48
1 1/2	1800	145TY	TENV	EBNM3554T-D	2,590	UH3	16.90	62	86.5	230/460	2.1	10	10, 48
2	1800	145TY	TEFC	EBM3558T-D	2,766	UH3	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182T	TEFC	EBM3611T-D	3,583	UH3	21.64	104	89.5	230/460	4.1	15	1, 48
5	1800	184T	TEFC	EBM3615T-D	4,332	UH3	23.14	117	89.5	230/460	6.7	15	1, 48
7 1/2	1800	213T	TEFC	EBM3710T-D	5,826	UH3	25.42	170	91.7	230/460	9.5	25	1, 48
10	1800	215T	TEFC	EBM3714T-D	7,170	UH3	26.92	165	91.7	230/460	12	35	1, 48
C-Face, foot mounted													
2	1800	145TCY	TEFC	CEBM3558T-D	2,923	UH3	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	CEBM3611T-D	3,705	UH3	21.64	103	89.5	230/460	4.1	15	1, 48
5	1800	184TC	TEFC	CEBM3615T-D	4,295	UH3	23.14	121	89.5	230/460	6.7	25	1, 48
7 1/2	1800	213TC	TEFC	CEBM3710T-D	6,056	UH3	26.17	141	91.7	230/460	9.5	25	1, 48
10	1800	215TC	TEFC	CEBM3714T-D	7,402	UH3	27.67	165	91.7	230/460	12	35	1, 48
C-Face, footless													
1/2	1800	56C	TEFC	VBM3538-D	2,045	UH3	16.29	46	72	208-230/460	1.1	3	1, 48
		56C	TENV	VBNM3538-D	2,091	UH3	15.96	44	80	208-230/460-480	0.8	3	1, 48
3/4	1800	56C	TEFC	VEBM3542-D	2,123	UH3	16.29	52	78.5	208-230/460	1.4	6	1, 48
		56C	TEFC	VEBM3542-D	2,330	UH3	16.29	50	84	208-230/460	1.1	6	1, 48
		56C	TENV	VBNM3542-D	2,172	UH3	15.96	48	78.5	208-230/460	1.4	6	1, 48
		56C	TENV	VEBNM3546-D	2,445	UH3	15.96	51	85.5	230/460	1.5	6	48
1	1800	56C	TEFC	VEBM3546-D	2,424	UH3	16.29	54	85.5	230/460	1.5	6	1, 48
		143TC	TEFC	VEBM3546T-D	2,603	UH3	16.35	51	85.5	230/460	1.5	6	1, 48
		56C	TEFC	VEBM3554-D	2,524	UH3	17.29	58	86.5	230/460	2.2	10	1, 48
1 1/2	1800	145TC	TENV	VEBNM3554T-D	2,654	UH3	16.90	62	86.5	230/460	2.1	10	48
		145TC	TEFC	VEBM3554T-D	2,709	UH3	17.35	58	86.5	230/460	2.2	10	1, 48
2	1800	56C	TEFC	VEBM3558-D	2,752	UH3	17.29	57	86.5	230/460	2.9	10	1, 48
		145TC	TEFC	VEBM3558T-D	2,766	UH3	17.35	62	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	VEBM3611T-D	3,652	UH3	21.64	101	89.5	230/460	4.2	15	1, 48
5	1800	184TC	TEFC	VEBM3615T-D	4,403	UH3	23.14	117	89.5	230/460	6.7	15	1, 48
7 1/2	1800	213TC	TEFC	VEBM3710T-D	5,996	UH3	26.17	151	91.7	230/460	9.5	25	1, 48
10	1800	215TC	TEFC	VEBM3714T-D	6,952	UH3	27.67	177	92	230/460	12	35	1, 48
C-Face, footless, 575 volts													
1	1800	143TC	TEFC	VEBM3546T-5D	2,603	UH3	16.35	52	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	TEFC	VEBM3554T-5D	2,709	UH3	17.35	55	86.5	575	1.8	10	1, 48
2	1800	145TC	TEFC	VEBM3558T-5D	2,766	UH3	17.35	62	86.5	575	2.3	10	1, 48
3	1800	182TC	TEFC	VEBM3611T-5D	3,652	UH3	21.64	101	89.5	575	3.1	15	1, 48
5	1800	184TC	TEFC	VEBM3615T-5D	4,403	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	2,197	UH3	14.37	51	85.5	230/460	1.5	6	1, 10, 48
		143TY	EBM3546T-S	2,213	UH3	15.43	51	85.5	230/460	1.5	6	1, 10, 48
1 1/2	1800	145TY	EBM3554T-S	2,401	UH3	15.43	54	86.5	230/460	2.2	10	1, 10, 48
2	1800	145TY	EBM3558T-S	2,480	UH3	15.43	58	86.6	230/460	2.9	10	1, 48
3	1800	182T	EBM3611T-S	2,924	UH3	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184T	EBM3615T-S	3,422	UH3	20.55	106	89.5	230/460	6.7	25	1, 48
C-Face, footless												
1/2	1800	56C	VBM3538-S	1,941	UH3	14.37	41	72	208-230/460	1.1	3	1, 48
3/4	1800	56C	VBM3542-S	2,019	UH3	14.37	47	78.5	208-230/460	1.4	3	1, 48
1	1800	56C	VEBM3546-S	2,259	UH3	14.37	51	85.5	230/460	1.5	6	1, 48
		143TC	VEBM3546T-S	2,277	UH3	14.43	51	85.5	230/460	1.5	6	1, 48
1 1/2	1800	56C	VEBM3554-S	2,449	UH3	15.37	54	86.5	230/460	2.2	10	1, 48
		145TC	VEBM3554T-S	2,465	UH3	15.43	54	86.5	230/460	2.2	10	1, 10, 48
2	1800	56C	VEBM3558-S	2,528	UH3	15.37	58	86.5	230/460	2.9	10	1, 48
		145TC	VEBM3558T-S	2,544	UH3	15.43	58	86.5	230/460	2.9	10	1, 48
3	1800	182TC	VEBM3611T-S	3,046	UH3	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184TC	VEBM3615T-S	3,544	UH3	20.55	106	89.5	230/460	6.7	25	1, 48
C-Face, footless, 575 volts												
1/2	1800	56C	VBM3538-5S	1,941	UH3	14.37	42	72	575	0.8	3	1, 48
1	1800	56C	VEBM3546-5S	2,259	UH3	14.37	51	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	VEBM3554T-5S	2,465	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.