

## Single and three phase, TEFC

### 1/4 thru 30 Hp

IP44\*



#### Features:

- Manual release
- Spring-set brake
- Vibration damping base
- Super-E® motors have NEMA Premium® efficiency
- Three phase motors suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated

#### Applications:

- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
<b>Single phase, foot mounted</b>											
1/4	1800	56	<b>BL3516</b>	BE1	14.36	27	59.5	115/230	2.1	3	2, 30, 41, 60
1/3	1800	56	<b>BL3517</b>	BE1	15.46	27	60	115/230	3	3	30, 41
1/2	1800	56	<b>BL3518</b>	BE1	16.08	32	68	115/230	3.7	3	30, 41
<b>Single phase, footless</b>											
1/3	1800	56C	<b>KBL3406</b>	BE1	15.45	27	60	115/230	3	3	30, 41
1/2	1800	56C	<b>KBL3409</b>	BE1	16.07	32	68	115/230	3.7	3	30, 41
3/4	1800	56C	<b>VBL3507</b>	BE1	16.82	40	72	115/230	4.2	6	30, 41
1	1800	56C	<b>VBL3510</b>	BE1	17.80	49	76.5	115/230	4.5	6	30, 41
		143TC	<b>VBL3510T</b>	BE1	17.86	49	76.5	115/230	4.5	6	30, 41
<b>Foot mounted</b>											
1/3	1800	56	<b>BM3569</b>	BE3	14.36	27	70	208-230/460	0.7	3	2, 38, 41, 60
	1800	56	<b>BM3538</b>	BE3	14.98	31	75.5	208-230/460	0.9	3	2, 38, 41, 60
1/2	1200	56	<b>BM3539</b>	BE3	16.45	35	72	230/460	1.2	6	30, 38, 41
	1800	56	<b>BM3542</b>	BE3	16.45	31	75.5	208-230/460	1.5	6	38, 41
3/4	1200	56	<b>BM3543</b>	BE3	17.45	39	77	208-230/460	1.5	6	38, 41
	1800	56	<b>EBM3546</b>	BE3	16.80	44	85.5	230/460	1.5	6	30, 41
1	1800	143T	<b>EBM3546T</b>	BE3	17.86	46	85.5	230/460	1.5	6	30, 41
		145T	<b>EBM3554T</b>	BE3	17.86	52	86.5	230/460	2.2	10	30, 41
2	1800	145T	<b>EBM3558T</b>	BE3	17.86	57	86.5	230/460	2.9	10	30, 41
3	1800	182T	<b>EBM3611T</b>	BE3	21.12	89	89.5	230/460	4.2	15	30, 41
5	1800	184T	<b>EBM3615T</b>	BE3	22.65	106	89.5	230/460	6.7	25	30, 42
7 1/2	1800	213T	<b>EBM3710T</b>	BE3	27.20	158	91.7	230/460	9.4	35	30, 40
10	1800	215T	<b>EBM3714T</b>	BE3	29.19	165	91.7	230/460	12	50	30, 40
15	1800	254T	<b>EBM2333T</b>	BE3	33.07	337	92.4	230/460	18.1	75	30
20	1800	256T	<b>EBM2334T</b>	BE3	33.57	398	93	230/460	24	105	30
25	1800	284T	<b>EBM4103T</b>	BE3	39.66	516	93.6	230/460	30	105	30
30	1800	284T	<b>EBM4104T</b>	BE3	42.84	667	93.6	230/460	37	125	30
<b>C-Face, foot mounted</b>											
1	1800	143TC	<b>CEBM3546T</b>	BE3	17.86	43	85.5	230/460	1.7	6	41
1 1/2	1800	145TC	<b>CEBM3554T</b>	BE3	17.86	48	86.5	230/460	2.2	10	41
2	1800	145TC	<b>CEBM3558T</b>	BE3	17.86	52	86.5	230/460	2.9	10	41
3	1800	182TC	<b>CEBM3611T</b>	BE3	21.11	77	89.5	230/460	4.2	15	1, 41
5	1800	184TC	<b>CEBM3615T</b>	BE3	23.06	101	89.5	230/460	6.7	25	1, 42
7 1/2	1800	213TC	<b>CEBM3710T</b>	BE3	27.95	149	91.7	230/460	9.4	35	1, 40
10	1800	215TC	<b>CEBM3714T</b>	BE3	29.95	183	91.7	230/460	12	50	1, 42

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

■ Cast iron frame

\*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

**Single and three phase, TEFC**

Hp	RPM	NEMA Frame	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
<b>Footless</b>											
1/4	1800	56C	<b>KBM3454</b>	BE3	14.36	26	68	208-230/460	0.5	3	2, 38, 41, 60
1/3	1800	56C	<b>KBM3458</b>	BE3	14.36	23	70	208-230/460	0.7	3	2, 38, 41, 60
1/2	1800	56C	<b>VEBNM3538</b>	BE3	15.26	37	84	230/460	0.9	3	41, 60
		56C	<b>VBM3538</b>	BE3	14.98	30	75.5	208-230/460	0.9	3	2, 38, 41, 60
3/4	1800	56C	<b>VEBNM3542</b>	BE3	15.26	53	84	208-230/460	1.1	6	41, 60
		56C	<b>VBM3542</b>	BE3	15.86	35	75	208-230/460	1.3	6	2, 38, 41, 60
1	1800	56C	<b>VEBM3546</b>	BE3	16.80	45	85.5	230/460	1.5	6	1, 30, 41
		143TC	<b>VEBM3546T</b>	BE3	16.86	45	85.5	230/460	1.5	6	1, 30, 41
1 1/2	1800	56C	<b>VEBM3554</b>	BE3	17.80	53	86.5	230/460	2.2	6	1, 30, 41
		145TC	<b>VEBM3554T</b>	BE3	17.86	52	86.5	230/460	2.2	10	1, 30, 41
2	1800	56C	<b>VEBM3558</b>	BE3	17.80	56	86.5	230/460	2.9	6	1, 30, 41
		145TC	<b>VEBM3558T</b>	BE3	17.86	57	86.5	230/460	2.9	10	1, 30, 41
3	1800	182TC	<b>VEBM3611T</b>	BE3	21.11	82	89.5	230/460	4.2	15	1, 30, 41
5	1800	184TC	<b>VEBM3615T</b>	BE3	23.06	99	89.5	230/460	6.7	25	1, 30, 42
7 1/2	1800	213TC	<b>VEBM3710T</b>	BE3	27.89	172	91.7	230/460	9.4	35	1, 30, 40
10	1800	215TC	<b>VEBM3714T</b>	BE3	29.89	165	91.7	230/460	12	50	1, 30, 42
<b>575 volts</b>											
3/4	1800	56C	<b>VBM3542-5</b>	BE3	15.26	40	80	575	1.9	6	2, 41, 60
1	1800	143TC	<b>VEBM3546T-5</b>	BE3	16.86	44	85.5	575	1.2	6	1, 41
1 1/2	1800	143TC	<b>VEBM3554T-5</b>	BE3	17.87	52	86.5	575	1.8	10	1, 42
2	1800	145TC	<b>VEBM3558T-5</b>	BE3	17.87	57	86.5	575	2.3	10	1, 42
3	1800	182TC	<b>VEBM3611T-5</b>	BE3	21.11	82	89.5	575	3.1	15	1, 42

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft. Brakes cannot be operated on variable frequency drives.

■ Cast iron frame

**Red** catalog number indicates **NEW** product.

\*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Definite purpose  
 Unit Handling  
 Brake  
 IEC Frame  
 50 Hertz  
 Variable Speed AC  
 DC  
 Accessories  
 Service  
 Grinders