

**Three Phase,
Super-E
Premium Efficient,
TEFC**

1 thru 30 Hp

NEMA 56 thru 284T

Applications: Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



Features: Standard NEMA BA dimension. (C-Face may be added in ModExpress to EBM motors for C-Face with base). Spring-set brake. Power off manual release. Resets automatically. Class F insulated with 1.15 service factor. Motors have NEMA Premium® Efficiency and are suitable for inverter use. 230/460V brakes are connected in conduit box allowing for separate connection when used with an inverter.

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)
Foot Mounted													
1	1800	56	EBM3546	1,348	K	17.80	48	85.5	208-230/460	1.5	6	C	41
		143T	EBM3546T	1,375	L1	17.86	47	85.5	208-230/460	1.5	6	C	41
1 1/2	1800	145T	EBM3554T	1,548	L1	18.74	52	86.5	208-230/460	2.1	10	C	41
2	1800	145T	EBM3558T	1,582	L1	18.74	59	86.5	208-230/460	2.7	10	C	41
3	1800	182T	EBM3611T	2,050	L1	21.12	86	89.5	208-230/460	4.1	15	C	41
5	1800	184T	EBM3615T	2,485	L1	22.65	109	89.5	230/460	6.5	25	C	30, 40
7 1/2	1800	213T	EBM3710T	3,333	L1	27.20	158	91.7	230/460	9.4	35	C	30, 40
10	1800	215T	EBM3714T	4,120	L1	29.19	176	91.7	208-230/460	12	50	C	40
15	1800	254T	EBM2333T	5,829	L1	33.07	280	92.4	230/460	18.5	75	A	30
20	1800	256T	EBM2334T	7,068	L1	33.57	331	93	230/460	24	105	A	30
25	1800	284T	EBM4103T	7,955	L1	39.66	504	93.6	230/460	30	105	A	30
30	1800	284T	EBM4104T	10,775	L1	42.84	701	93.6	230/460	37	125	A	30
C-Face, Footless													
1/2	1800	56C	VEBNM3538	1,227	K	15.26	41	82.5	208-230/460	0.8	3	C	41
3/4	1800	56C	VEBNM3542	1,380	K	15.26	41	84	208-230/460	1.1	6	C	41
1	1800	56C	VEBM3546	1,398	K	17.80	52	85.5	208-230/460	1.5	6	C	41
		143TC	VEBM3546T	1,408	L1	17.86	49	85.5	208-230/460	1.5	6	C	41
1 1/2	1800	56C	VEBM3554	1,572	K	18.67	58	86.5	208-230/460	2.1	6	C	41
		145TC	VEBM3554T	1,582	L1	18.74	59	86.5	208-230/460	2.1	10	C	41
2	1800	56C	VEBM3558	1,615	K	18.67	58	86.5	208-230/460	2.6	6	C	
		145TC	VEBM3558T	1,615	L1	18.74	57	86.5	208-230/460	2.7	10	C	41
3	1800	182TC	VEBM3611T	2,116	L1	21.11	81	89.5	208-230/460	4.1	15	C	41
5	1800	184TC	VEBM3615T	2,548	L1	23.06	104	89.5	230/460	6.5	25	C	30, 40
7 1/2	1800	213TC	VEBM3710T	3,479	L1	27.95	171	91.7	230/460	9.4	35	C	30, 40
10	1800	215TC	VEBM3714T	4,266	L1	29.95	158	91.7	208-230/460	12	50	C	30, 40

(a) See notes on inside back flap.

■ Cast Iron Frame

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, TEFC, Foot Mounted

1/4 thru 30 Hp

NEMA 56 thru 286T

Applications: Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



Features: Spring-set brake. Power off operation manual release. Resets automatically. Brakes internally connected to motor on 215T and smaller.

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)
Single Phase													
1/4	1800	56	BL3516	770	K	14.36	28	59.5	115/230	2.1	3	C	2, 30, 41, 60
1/3	1800	56	BL3517	812	K	15.46	29	60	115/230	3	3	C	30, 41
1/2	1800	56	BL3518	881	K	16.08	33	68	115/230	3.7	3	C	30, 41
3/4	1800	56	BL3507	1,157	K	16.71	40	72	115/230	4.2	6	C	30, 41
1	1800	56	BL3510	1,225	K	17.11	48	68	115/230	6.4	6	C	30, 41
Three Phase													
1/4	1800	56	BM3568	739	K	14.36	27	68	208-230/460	0.5	3	C	2, 41, 60
1/3	1800	56	BM3569	782	K	14.36	28	70	208-230/460	0.7	3	C	2, 41, 60
1/2	1800	56	BM3538	850	K	14.98	31	75.5	208-230/460	0.9	3	C	2, 41, 60
	1200	56	BM3539	1,171	K	16.45	29	72	230/460	1.2	6	C	30, 41
3/4	1800	56	BM3542	994	K	16.45	32	75.5	208-230/460	1.5	6	C	41
	1200	56	BM3543	1,229	K	17.45	39	77	208-230/460	1.5	6	C	41
1	1800	56	BM3546	1,154	K	17.45	38	78.5	208-230/460	1.7	6	C	41
		143T	BM3546T	1,154	L1	17.01	39	78.5	208-230/460	1.7	6	C	41
		182	BM3603	1,599	L1	17.49	42	75.5	208-230/460	1.8	6	C	41
1 1/2	1800	1200	BM3556T	1,643	L1	17.49	48	75.5	208-230/460	1.7	10	C	41
		56	BM3554	1,295	K	17.11	43	84	208-230/460	2.4	10	C	41
2	1800	145T	BM3554T	1,295	L1	17.49	44	84	208-230/460	2.4	10	C	41
		184	BM3606	1,710	L1	17.49	48	78.5	208-230/460	2.5	10	C	41
		56	BM3558	1,327	K	17.11	50	82.5	208-230/460	3.1	10	C	41
3	1800	145T	BM3558T	1,327	L1	17.49	52	82.5	208-230/460	3.1	10	C	41
		184	BM3609	1,780	L1	17.49	52	82.5	208-230/460	3.1	10	C	41
		184T	BM3614T	2,199	L1	20.57	75	80	208-230/460	3.3	15	C	41
5	1800	182T	BM3611T	1,798	L1	19.19	66	82.5	208-230/460	4.3	15	C	1, 41
		213	BM3703	2,689	L1	22.42	76	82.5	208-230/460	4.3	15	C	1
		213T	BM3704T	3,258	L1	25.88	154	84	208-230/460	4.8	35	C	1, 40
7 1/2	1800	184T	BM3615T	2,231	L1	21.02	88	85.5	208-230/460	6.6	25	C	1, 40
		184T	BM3635T	1,896	L1	20.57	84	85.5	208-230/460	6.6	15	C	1
		215	BM3707	3,289	L1	22.87	91	85.5	208-230/460	6.6	25	C	1, 40
10	1800	213T	BM3710T	2,868	L1	25.88	162	87.5	208-230/460	10.9	35	C	1, 40
		213T	BM3730T	2,722	L1	25.88	157	89.5	208-230/460	10.1	25	C	1, 40
15	1800	215T	BM3714T	3,649	L1	27.51	174	89.5	208-230/460	13.5	50	C	1, 2, 20
		215T	BM3734T	3,021	L1	27.01	166	89.5	208-230/460	13.5	35	C	1, 2, 20, 40
20	1800	254T	BM2353T	4,417	L1	29.38	270	89.5	208-230/460	18.9	50	C	1
		256T	BM2334T	6,071	L1	31.63	327	91	230/460	25	105	C	1, 30
25	1800	256T	BM2354T	5,133	L1	31.13	322	91	230/460	25	75	C	1, 30
		284T	BM4103T	6,428	L1	35.83	380	92.4	230/460	32	105	C	1, 30
30	1800	286T	BM4104T	9,015	L1	39.13	533	92.4	230/460	38	125	C	1, 30

(a) See notes on inside back flap.

Enclosed brake motors have non-standard "BA" dimension except for TENV ratings.

■ Cast Iron Frame

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

Single and Three Phase, TEFC, C-Face

1/4 thru 10 Hp

NEMA 56C thru 215TC

Applications: Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



Features: Spring-set brake. Power off operation manual release. Resets automatically. Brakes internally connected to motor on 215T and smaller.

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)
Single Phase, C-Face, Footless													
1/3	1800	56C	KBL3406	828	K	15.45	28	60	115/230	3	3	C	30, 41
1/2	1800	56C	KBL3409	909	K	16.07	33	68	115/230	3.7	3	C	30, 41
3/4	1800	56C	VBL3507	1,179	K	16.82	41	72	115/230	4.2	6	C	30, 41
1	1800	56C	VBL3510	1,250	K	17.80	48	68	115/230	6.4	6	C	30, 41
		143TC	VBL3510T	1,250	L1	17.86	49	68	115/230	6.4	6	C	30, 41
Three Phase, C-Face, Foot Mounted													
1	1800	143TC	CBM3546T	1,210	L1	17.86	42	75.5	208-230/460	1.8	6	C	41
1 1/2	1800	145TC	CBM3554T	1,357	L1	17.86	46	78.5	208-230/460	2.5	10	C	41
2	1800	145TC	CBM3558T	1,395	L1	17.86	53	82.5	208-230/460	3.1	10	C	41
3	1800	182TC	CBM3611T	1,883	L1	19.74	75	82.5	208-230/460	4.3	15	C	1, 41
5	1800	184TC	CBM3615T	2,354	L1	21.56	90	85.5	208-230/460	6.6	25	C	8
7 1/2	1800	213TC	CBM3710T	3,001	L1	26.83	163	87.5	208-230/460	10.9	35	C	1
10	1800	215TC	CBM3714T	3,855	L1	28.45	166	89.5	208-230/460	13.5	50	C	1
Three Phase, C-Face, Footless													
1/4	1800	56C	KBM3454	734	K	14.36	26	68	208-230/460	0.5	3	C	2, 41, 60
1/3	1800	56C	KBM3458	780	K	14.36	28	70	208-230/460	0.7	3	C	2, 41, 60
1/2	1800	56C	VBM3538	869	K	14.98	31	75.5	208-230/460	0.9	3	C	2, 41, 60
		56C	VBM3542	1,018	K	15.86	37	75	208-230/460	1.3	6	C	2, 41, 60
3/4	1800	56C	VBM3542-5	1,018	K	15.26	42	80	575	0.9	6	C	2, 41, 60
		56C	VBM3546	1,172	K	16.95	38	78.5	208-230/460	1.7	6	C	41
		143TC	VBM3546T	1,172	L1	17.02	39	78.5	208-230/460	1.7	6	C	41
1 1/2	1800	143TC	VBM3546T-5	1,172	L1	16.86	39	75	575	1.4	6	C	41
		56C	VBM3554	1,316	K	17.80	48	84	208-230/460	2.4	10	C	41
2	1800	145TC	VBM3554T	1,316	L1	17.86	52	84	208-230/460	2.4	10	C	41
		56C	VBM3558	1,349	K	17.80	52	82.5	208-230/460	3.1	10	C	41
3	1800	145TC	VBM3558T	1,349	L1	17.86	51	82.5	208-230/460	3.1	10	C	41
		182TC	VBM3611T	1,886	L1	19.74	67	82.5	208-230/460	4.3	15	C	1, 41
5	1800	184TC	VBM3615T	2,330	L1	21.56	85	85.5	208-230/460	6.6	25	C	1, 40
7 1/2	1800	213TC	VBM3710T	2,985	L1	26.83	161	87.5	208-230/460	10.9	35	C	1, 40
10	1800	215TC	VBM3714T	3,788	L1	28.45	171	89.5	208-230/460	13.5	50	C	1

(a) See notes on inside back flap.

If brake motors are to be used with any electronic control, soft start, inverter or vector etc., then brake must be externally connected.

BRAKE INTERNALLY CONNECTED TO MOTOR ON 215T OR SMALLER NEMA FRAMES.

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

Three Phase, ODP

1/2 thru 15 Hp

NEMA 56 thru 254T

Applications: Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



Features: Spring-set brake. Power off operation manual release. Resets automatically. Brakes internally connected to motor on 215T and smaller.

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)
Foot Mounted													
1/2	1800	56	BM3108	800	K	14.14	27	74	230/460	1	3	C	30, 41
3/4	1800	56	BM3112	932	K	14.77	31	75.5	208-230/460	1.5	6	C	41
1	1800	56	BM3116	1,014	K	15.64	34	78.5	208-230/460	1.7	3	C	41
		143T	EBM3116T	1,184	L1	16.37	45	85.5	208-230/460	1.5	6	A	
1 1/2	1800	145T	BM3154T	1,182	L1	15.32	41	78.5	208-230/460	2.4	10	D	41
		145T	EBM3154T	1,312	L1	17.20	44	86.5	230/460	2.1	10	A	41
2	1800	145T	BM3157T	1,336	L1	16.32	47	78.5	208-230/460	3.2	10	D	41
		145T	EBM3157T	1,497	L1	17.20	50	86.5	230/460	2.8	10	A	41
3	1800	182T	EBM3211T	1,836	L1	19.57	72	89.5	208-230/460	4.1	15	A	
5	1800	184T	EBM3218T	2,269	L1	21.52	92	89.5	208-230/460	6.4	25	A	
		184T	EBM3248T	1,950	L1	21.07	92	89.5	208-230/460	6.4	15	A	
7 1/2	1800	213T	EBM3311T	2,852	L1	24.45	120	91	208-230/460	9.7	35	A	
10	1800	215T	EBM3313T	3,583	L1	26.08	132	91.7	208-230/460	12.5	50	A	
15	1800	254T	EBM2513T	4,739	L1	29.88	234	93	208-230/460	17.7	75	A	
C-Face, Footless													
1/2	1800	56C	VBM3108	819	K	14.36	28	74	230/460	1	3	C	30, 41
3/4	1800	56C	VBM3112	957	K	15.36	32	75.5	208-230/460	1.5	6	C	41
1	1800	56C	VBM3116	1,036	K	15.36	34	78.5	208-230/460	1.7	6	C	41
		143TC	VBM3116T	1,119	L1	15.53	34	78.5	208-230/460	1.7	6	B	41
1 1/2	1800	56C	VBM3154	1,204	K	15.26	42	78.5	208-230/460	2.4	10	C	41
		145TC	VBM3154T	1,300	L1	15.32	42	84	208-230/460	2.4	10	B	41
2	1800	145TC	VBM3157T	1,465	L1	16.32	47	78.5	208-230/460	3.2	10	B	41
3	1800	182TC	VBM3211T	1,856	L1	19.57	74	82.5	208-230/460	4.3	15	B	41
5	1800	184TC	VBM3218T	2,303	L1	20.02	77	82.5	208-230/460	7	25	B	40
		184TC	VBM3248T	1,937	L1	19.57	74	82.5	208-230/460	7	15	B	40

(a) See notes on inside back flap.

If brake motors are to be used with any electronic control, soft start, inverter or vector etc., then brake must be externally connected.

ALL BRAKE MOTORS WITH 20 FT.-LB OR SMALLER BRAKES CAN BE MOUNTED HORIZONTAL OR VERTICAL. FOR LARGER RATINGS CONSULT A BALDOR DISTRICT OFFICE. ALL MOTORS INCLUDE MANUAL RELEASE BRAKES AS STANDARD. BRAKES ON NON-EXPLOSION PROOF MOTORS 10 HP AND BELOW ARE INTERNALLY CONNECTED.

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

**Three Phase,
Explosion Proof,
C-Face**

1/2 thru 5 Hp

NEMA 56C thru 215TC

Applications: Machine tools, conveyors, door operators, speed reducers, any application requiring quick stops and positive hold.



Features: Spring-set brake. Power off operation manual release. Resets automatically. Explosion proof brakes require external connections.

Hp	RPM	NEMA Frame	Encl.	Catalog Number	XP (a) CIs/Grp	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	EISA Status (a)	Notes (a)
1/2	1800	56C	XPNV	CBM7006	⑧	2,915	K	19.44	96	75.5	208-230/460	0.8	3	C	
3/4	1800	56C	XPNV	CBM7010	①	3,246	K	19.13	94	78.5	208-230/460	1.4	6	C	2, 60
1	1800	143TC	XPNV	CBM7014T	①	3,742	L1	20.37	105	80	208-230/460	1.5	6	C	2, 60
2	1800	182TC	XPNV	CBM7023T	①	4,529	L1	23.24	137	84	230/460	2.9	10	C	2, 60
3	1800	182TC	XPFC	CEBM7142T	⑧	5,482	L1	27.22	215	89.5	230/460	4.1	15	A	
		215TC	XPNV	CBM7027T	①	6,280	L1	27.31	215	84	230/460	4.3	15	C	2, 40, 60
5	1800	184TC	XPFC	CEBM7144T	⑧	6,603	L1	27.22	256	89.5	230/460	6.5	25	A	

(a) See notes on inside back flap.
 ■ Cast Iron Frame

**Washdown,
Three Phase,
Totally Enclosed,
C-Face,
Foot Mounted**

1/2 thru 5 Hp

NEMA 56C thru 184TC

Applications: Food processing and other applications where motors receive washdown on a regular basis.



Features: Class F insulated motor with 1.15 service factor or higher that operates within class "B" temperature limits at rated horsepower. Standard NEMA BA dimension, 300 series stainless steel hardware, moisture sealant on bolt heads, between frame and end plates. Neoprene gaskets. Spring-set brake internally connected to the motor. Power off manual release. Resets automatically. Motors have NEMA Premium® Efficiency and inverter-ready. 230/460V brakes are connected in conduit box allowing for separate connection when used with an inverter.

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)
1/2	1800	56C	TENV	CEWDBM3538	1,785	WD	15.31	42	82.5	230/460	0.8	3	C	
3/4	1800	56C	TENV	CEWDBM3542	1,929	WD	15.31	43	84	230/460	1.1	6	C	
1	1800	56C	TENV	CEWDBM3546	1,980	WD	16.31	52	85.5	208-230/460	1.4	6	C	
		143TC	TENV	CEWDBM3546T	2,000	WD	16.81	54	85.5	208-230/460	1.4	6	C	
1 1/2	1800	145TC	TENV	CEWDBM3554T	2,155	WD	18.14	58	86.5	230/460	2	10	C	30
2	1800	145TC	TEFC	CEWDBM3558T	2,193	WD	19.44	62	86.5	208-230/460	2.7	10	A	
3	1800	182TC	TEFC	CEWDBM3611T	2,653	WD	21.80	89	89.5	208-230/460	4.1	15	A	
5	1800	184TC	TEFC	CEWDBM3615T	3,205	WD	21.80	111	89.5	230/460	6.5	25	A	30

(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

Double C-Face Motor Brake Kits

Coil Voltage: 115/208-230

Features: Double C-Face coupler brakes. Mounts on motors with C-Face, provides NEMA C-face mounting on brake. Spring set, electrically released.



Brake Rating	Brake Mounting	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
3 ft-lb	56C	CBK003-1	585	A8	12
6 ft-lb	56C	CBK006-1	861	A8	12
6 ft-lb	145TC	CBK006-2	861	A8	12
10 ft-lb	145TC	CBK010-1	1,004	A8	12
15 ft-lb	145TC	CBK015-1	2,146	A8	12

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