

BALDOR • RELIANCE

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

1 thru 30 Hp

NEMA 56 thru 286T

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. 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	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	Notes (a)
Foot Mounted												
1	1800	56	EBM3546	1,168	K	17.80	48	87.5	208-230/460	1.5	6	1,41,48
		143T	EBM3546T	1,168	L1	17.86	47	87.5	208-230/460	1.5	6	1,41,48
1 1/2	1800	145T	EBM3554T	1,315	L1	18.74	52	88.5	208-230/460	2.1	10	1,41,48
2	1800	145T	EBM3558T	1,344	L1	18.74	56	86.5	208-230/460	2.7	10	1,41,48
3	1800	182T	EBM3611T	1,742	L1	21.12	86	89.5	208-230/460	4.1	15	1,41,48
5	1800	184T	EBM3615T	2,112	L1	22.65	109	90.2	230/460	6.5	25	1,30,40,48
7 1/2	1800	213T	EBM3710T	2,833	L1	27.20	158	91.7	230/460	9.4	35	1,30,40,48
10	1800	215T	EBM3714T	3,502	L1	29.19	176	92.4	230/460	12.5	50	1,40,48
15	1800	254T	EBM2333T	4,956	L1	33.07	280	92.4	230/460	18.5	75	1,30,48
20	1800	256T	EBM2334T	6,009	L1	33.57	331	93	230/460	24	105	1,30,48
25	1800	284T	EBM4103T	6,764	L1	36.19	504	93.6	230/460	30	105	1,30,48
30	1800	284T	EBM4104T	9,162	L1	42.84	701	94.1	230/460	36	125	1,30,48
C-Face, Footless												
1/2	1800	56C	VEBNM3538	1,043	K	15.31	42	82.5	208-230/460	1.2	3	1,41,48
3/4	1800	56C	VEBNM3542	1,173	K	15.21	42	82.5	230/460	1.3	6	1,41
		56C	↔P56X6201	1,173	K	15.21	42	82.5	230/460	1.3	6	
1	1800	56C	VEBM3546	1,188	K	17.80	52	87.5	208-230/460	1.5	6	1,41,48
		56C	VEBNM3546	1,173	K	15.21	50	82.5	230/460	1.45	6	1,41
		143TC	VEBM3546T	1,196	L1	17.86	49	87.5	208-230/460	1.5	6	1,41,48
1 1/2	1800	56C	VEBM3554	1,336	K	18.35	52	88.5	208-230/460	2.1	10	1,41,48
		145TC	VEBM3554T	1,344	L1	18.74	52	88.5	208-230/460	2.1	10	1,41,48
		145TC	↔P14X7203	1,344	L1	18.11	62	84	230/460	2.2	10	1,41,48
2	1800	56C	VEBM3558	1,372	K	18.35	62	81.8	208-230/460	3.1	10	1,48
		56C	↔P56H1799	1,372	K	18.35	62	81.8	208-230/460	3.1	10	
		145TC	VEBM3558T	1,372	L1	18.74	57	86.5	208-230/460	2.7	10	1,41,48
		145TC	↔P14H1983	1,372	L1	18.41	65	81.8	208-230/460	3.1	6	1,41,48
		145TC	↔P14X6204	1,372	L1	18.41	64	84	230/460	2.9	10	1,41,48
3	1800	182TC	VEBM3611T	1,798	L1	21.11	81	89.5	208-230/460	4.1	15	1,41,48
		182TC	↔P18A1589	1,798	L1	19.79	80	85	208-230/460	4.1	10	1,48,106
5	1800	184TC	VEBM3615T	2,166	L1	23.06	101	90.2	230/460	6.5	25	1,30,40,48
		184TC	↔P18A1590	2,166	L1	20.79	90	84	208-230/460	7.4	15	1,48,106
7 1/2	1800	213TC	VEBM3710T	2,958	L1	27.95	126	91.7	230/460	9.4	35	1,30,40,48
10	1800	215TC	VEBM3714T	3,627	L1	29.95	158	92.4	230/460	12.5	50	1,30,40,48

(a) See notes on inside back flap and pages 5-6.

↔ = Functional Equivalent

■ 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, 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	Notes (a)
Single Phase												
1/4	1800	56	BL3516	654	K	14.36	28	59.5	115/230	2.1	3	2,30,41,60
1/3	1800	56	BL3517	690	K	15.46	29	60	115/230	3	3	30,41
1/2	1800	56	BL3518	749	K	16.08	33	68	115/230	3.7	3	30,41
3/4	1800	56	BL3507	983	K	16.71	40	72	115/230	4.2	6	30,41
1	1800	56	BL3510	1,041	K	17.11	48	67	115/230	6.4	6	30,41
Three Phase												
1/4	1800	56	BM3568	628	K	14.36	27	68	208-230/460	0.5	3	2,41,60
1/3	1800	56	BM3569	664	K	14.36	28	70	208-230/460	0.7	3	2,41,60
1/2	1800	56	BM3538	722	K	14.98	31	75.5	208-230/460	0.9	3	2,41,60
		↳P56H1787	722	K	15.21	38	74.3	208-230/460	1.1	3		
3/4	1200	56	BM3539	995	K	16.45	29	72	230/460	1.2	6	30,41
		56	BM3542	844	K	16.45	32	75.5	208-230/460	1.5	6	41
1	1800	56	↳P56H1788	844	K	15.98	45	78	208-230/460	1.5	6	
		56	BM3543	1,045	K	17.45	39	77	208-230/460	1.5	6	41
1	1200	56	BM3546	980	K	17.45	38	78.5	208-230/460	1.7	6	41
		56	↳P56H1789	980	K	15.98	53	73.7	208-230/460	1.7	6	
1	1800	143T	BM3546T	980	L1	17.01	39	78.5	208-230/460	1.7	6	41
		182	BM3603	1,359	L1	17.49	45	77	208-230/460	1.7	6	41
1 1/2	1800	145T	BM3556T	1,396	L1	17.94	48	75.5	208-230/460	1.7	10	41
		56	BM3554	1,100	K	17.56	43	84	208-230/460	2.1	10	41
1 1/2	1800	145T	BM3554T	1,100	L1	17.94	44	84	208-230/460	2.1	10	41
		184	BM3606	1,453	L1	17.94	48	78.5	208-230/460	2.5	10	41
2	1800	56	BM3558	1,127	K	17.56	50	82.5	208-230/460	3.1	10	41
		56	↳P56H1791	1,127	K	18.04	62	81.8	208-230/460	3.2	10	
2	1200	143T	BM3558T	1,127	L1	17.49	52	82.5	208-230/460	3.1	10	41
		184	BM3609	1,513	L1	17.94	52	82.5	208-230/460	3.1	10	41
3	1800	184T	BM3614T	1,869	L1	20.57	75	80	208-230/460	3.3	15	41
		182T	BM3611T	1,528	L1	19.19	66	82.5	208-230/460	4.3	15	1,41
3	1200	182T	↳P18A1585	1,528	L1	19.04	98	85	208-230/460	4.3	15	1
		213	BM3703	2,286	L1	22.42	76	82.5	208-230/460	4.3	15	1
5	1800	213T	BM3704T	2,770	L1	25.88	154	84	208-230/460	4.8	35	1,40
		184T	BM3615T	1,896	L1	21.02	88	85.5	208-230/460	6.6	25	1,40
5	1800	184T	BM3635T	1,611	L1	21.02	84	85.5	208-230/460	6.6	15	1
		184T	↳P18A1586	1,611	L1	20.04	110	84	208-230/460	6.6	15	
7 1/2	1800	215	BM3707	2,796	L1	22.87	91	85.5	208-230/460	6.6	25	1,40
		213T	BM3730T	2,314	L1	25.88	157	89.5	208-230/460	10.1	25	1,40
10	1800	213T	BM3710T	2,438	L1	25.88	162	87.5	208-230/460	10.9	35	1,40
		215T	BM3714T	3,102	L1	27.51	174	89.5	208-230/460	13.5	50	1,2,20
15	1800	215T	BM3734T	2,568	L1	27.51	166	89.5	208-230/460	13.5	35	1,2,20,40
		254T	BM2333T	4,162	L1	30.80	291	89.5	208-230/460	18.9	75	1
20	1800	254T	BM2353T	3,755	L1	29.38	270	89.5	208-230/460	18.9	50	1
		254T	↳P25G1736	3,755	L1	35.12	295	85.5	230/460	19.5	50	
25	1800	256T	BM2334T	5,161	L1	31.63	327	91	230/460	25	105	1,30
		256T	BM2354T	4,364	L1	31.13	322	91	230/460	25	75	1,30
30	1800	256T	↳P25G1737	4,364	L1	35.12	330	87.5	230/460	25.4	75	
		284T	BM4103T	5,465	L1	35.83	380	89.5	230/460	32	105	1,30
30	1800	286T	↳P28G1714	5,465	L1	37.62	400	87.5	230/460	31	105	
30	1800	286T	BM4104T	7,665	L1	39.13	533	90.2	230/460	38	125	1,30

(a) See notes on inside back flap and pages 5-6.

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

↳ = Functional Equivalent

■ 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

BALDOR • RELIANCE

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	Notes (a)
Single Phase, C-Face, Footless												
1/3	1800	56C	KBL3406	703	K	15.45	28	60	115/230	3	3	30,41
1/2	1800	56C	KBL3409	772	K	16.07	33	68	115/230	3.7	3	30,41
3/4	1800	56C	VBL3507	1,002	K	16.82	41	72	115/230	4.2	6	30,41
1	1800	56C	VBL3510	1,062	K	17.80	48	67	115/230	6.4	6	30,41
		143TC	VBL3510T	1,062	L1	17.86	49	67	115/230	6.4	6	30,41
Three Phase, C-Face, Foot Mounted												
1	1800	143TC	CBM3546T	1,028	L1	17.86	42	77	208-230/460	1.7	6	41
1 1/2	1800	145TC	CBM3554T	1,153	L1	17.86	46	78.5	208-230/460	2.5	10	41
2	1800	145TC	CBM3558T	1,185	L1	17.86	53	82.5	208-230/460	3.1	10	41
3	1800	182TC	CBM3611T	1,600	L1	19.74	71	82.5	208-230/460	4.3	15	1,41
5	1800	184TC	CBM3615T	2,001	L1	21.56	90	85.5	208-230/460	6.6	25	8
7 1/2	1800	213TC	CBM3710T	2,551	L1	26.83	154	87.5	208-230/460	10.9	35	1
10	1800	215TC	CBM3714T	3,277	L1	28.45	166	89.5	208-230/460	13.5	50	1
Three Phase, C-Face, Footless												
1/4	1800	56C	KBM3454	636	K	14.36	26	68	208-230/460	0.5	3	2,41,60
1/3	1800	56C	KBM3458	676	K	14.36	28	70	208-230/460	0.7	3	2,41,60
1/2	1800	56C	VBM3538	738	K	14.98	31	75.5	208-230/460	0.9	3	2,41,60
		56C	↔P56H1795	738	K	15.21	39	74.3	208-230/460	0.9	3	
3/4	1800	56C	VBM3542	865	K	15.86	37	75	208-230/460	1.3	6	2,41,60
		56C	↔P56H1796	865	K	16.39	43	78	208-230/460	1.5	6	
		56C	VBM3542-5	865	K	15.26	42	80	575	0.9	6	2,41,60
1	1800	56C	VBM3546	996	K	16.96	38	78.5	208-230/460	1.7	6	41
		56C	↔P56H1797	996	K	16.39	54	73.7	208-230/460	1.7	6	
		143TC	VBM3546T	996	L1	17.02	39	78.5	208-230/460	1.7	6	41
		143TC	↔P14H1981	996	L1	16.35	55	73.7	208-230/460	1.7	6	
1 1/2	1800	143TC	VBM3546T-5	996	L1	17.32	39	75	575	1.4	6	41
		56C	VBM3554	1,118	K	18.25	43	84	208-230/460	2.1	10	41
		56C	↔P56H1798	1,118	K	17.29	57	78.5	208-230/460	2.5	10	
		145TC	VBM3554T	1,118	L1	18.32	44	84	208-230/460	2.1	10	41
2	1800	145TC	↔P14H1982	1,118	L1	17.35	57	78.5	208-230/460	2.5	10	
		56C	VBM3558	1,146	K	17.80	52	82.5	208-230/460	3.1	10	41
3	1800	143TC	VBM3558T	1,146	L1	17.86	51	82.5	208-230/460	3.1	10	41
		182TC	VBM3611T	1,603	L1	19.74	67	82.5	208-230/460	4.3	15	1,41
5	1800	184TC	VBM3615T	1,981	L1	21.56	85	85.5	208-230/460	6.6	25	1,40
7 1/2	1800	213TC	VBM3710T	2,537	L1	26.83	161	87.5	208-230/460	10.9	35	1,40
10	1800	215TC	VBM3714T	3,220	L1	28.45	171	89.5	208-230/460	13.5	50	1

(a) See notes on inside back flap and pages 5-6.

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.

↔ = Functional Equivalent