

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
MotorsDefinite Purpose
MotorsUnit Handling
Motors

Brake Motors

200 & 575 Volt
MotorsIEC Frame
Motors50 Hertz
MotorsInverter/Vector
Motors & ControlsDC Motors
and ControlsSoft Starters &
Dynamic Brakes