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**BlueMAX**

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**1-350 HP**

The BlueMAX is a totally enclosed, three phase motor designed for inverter or vector applications where up to a 2000:1 constant torque speed range is required. Typical uses include: Material handling, machine tools, conveyors, crane and hoist, metal processing, test stands, pumps, compressors, textile processing, and other industrial machinery installed in dusty or dirty environments where cast iron construction is required.

[Flyer](#)

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**Models & Ratings**

HP	RPM	Volts	Enclosure	NEMA Frame	F.L. Amps	Approx Shipping Weight (lb)	Model Number	Foot Notes
1	1800	230/460	TENV	143TC	3.0/1.5	61	MTRY525	B
1.5	1800	230/460	TENV	145TC	4.6/2.3	65	MTRY590	
2	1800	230/460	TENV	145TC	6.0/3.0	71	MTRY526	
3	1800	230/460	TENV	182TC	8.0/4.0	113	MTRY527A	
5	1800	230/460	TENV	184TC	13.4/6.7	147	MTRY564	
7.5	1800	230/460	TEFC	213TC	19.4/9.7	192	MTRY565A	
	1800	230/460	TENV	213TC	21.0/10.5	85	MTRY565	
10	1800	230/460	TEFC	215TC	25.4/12.7	212	MTRY596	
	1800	230/460	TENV	215TC	26.0/13.0	272	MTRY566A	
15	1800	230/460	TEFC	254TC	37.0/18.5	350	MTRY597	
	1800	230/460	TENV	254TC	40.4/20.2	334	MTRY509	
20	1800	230/460	TEFC	256TC	52.0/26.0	377	MTRY598	
	1800	230/460	TENV	256TC	52.0/26.0	425	MTRY510	
20	1200	230/460	TEBC	286TC	52.4/26.2	507	MTRY582	BP
	1800	230/460	TEFC	284T	63.0/31.5	393	MTRY569	
	1800	230/460	TEBC	284TC	63.0/31.5	470	MTRY511	BP
25	1200	230/460	TEBC	324TC	67.0/33.5	531	MTRY583	B, BP
	1800	230/460	TEFC	286T	77.0/38.5	371	MTRY570	
	1800	230/460	TEBC	286TC	74.0/37.0	507	MTRY512	BP
30	1200	230/460	TEBC	326TC	80.4/40.2	550	MTRY584	B, BP
	1800	230/460	TEFC	324T	100/50.0	545	MTRY571	
	1800	230/460	TEBC	324TC	100/50.0	531	MTRY513	BP
40	1200	230/460	TEBC	364TC	107/53.5	1011	MTRY585	BP
	1800	230/460	TEFC	326T	121/60.5	765	MTRY572	
	1800	230/460	TEBC	326TC	120/60.0	586	MTRY514	BP
50	1200	230/460	TEBC	365TC	130/65.0	1081	MTRY586	BP
	1800	230/460	TEFC	364T	147/73.5	987	MTRY573	
	1800	230/460	TEBC	364TC	147/73.5	1062	MTRY515	BP
60	1200	230/460	TEBC	404TC	142/71.0	1339	MTRY587	BP
	1800	230/460	TEFC	365T	184/92.0	1061	MTRY574	
	1800	230/460	TEBC	365TC	180/90.0	1129	MTRY516	BP
75	1200	230/460	TEBC	405TC	180/90.0	1387	MTRY588	BP
	1800	230/460	TEFC	405T	230/115	1308	MTRY575	
	1800	230/460	TEBC	405TC	230/115	1529	MTRY517	BP
100	1200	230/460	TEBC	444TC	250/125	2117	MTRY589	BP
	1800	460	TEFC	444T	143	2053	MTRY576	
	1800	460	TEBC	444T	138	2010	MTRY518	B
150	1800	460	TEFC	445T	170	2246	MTRY577	
	1800	460	TEBC	445T	170	2321	MTRY519	BP

**Options:** Add the following letter to the end of the catalog number for each option.

F2	F2 - F2-mount conduit box
D	Dynapar HS35 1024ppr encoder
A1	Avtron HS35A 1024ppr encoder
L	Lakeshore / Northstar SL56 1024ppr encoder
M1	Avtron AV56 1024ppr encoder

**Footnotes:**

B	NEMA Design B
BP	Separate power supply required for blower motor

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