

microMAX™ AC Inverter Duty Motor

1000:1 Constant Torque (TENV), 20:1 Constant Torque (TEFC)

C-Face with Rigid Base

Applications: Designed for direct replacement of PMDC or any other variable speed application where up to a 1000:1 constant torque speed range is required. Typical uses include: machine tools, conveyors, packaging machines, batching machines, and printing equipment.

- Features:**
- Replaces 90 volt and 180 volt PMDC motors (when used with AC variable frequency drives)
 - Constant torque operation from 0 to base speed (TENV ratings)
 - Constant torque operation from 1/20 speed to base speed (TEFC ratings)
 - Constant horsepower to twice base speed (RPM)
 - Class H insulation with CR²⁰⁰ magnet wire
 - Removable base for C-Face footless mounting (as noted)
 - Continuous duty at 40°C ambient
 - "Quick Connect" terminal board (as noted)
 - Top mounted conduit box with pigtail leads (TEFC and 1.5 HP TENV)
 - Eliminates brush and commutator maintenance
 - UL Recognized, CSA Certified, and CE Marked
 - Three year warranty



HP	RPM	VOLTS	ENCL.	FRAME	CAT NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/8	1800	230	TENV	56C	Y605	56H17T2021	\$220	E3	0.7	18	9.05	Q
1/4	1800	230	TENV	56C	Y500★	56H17T2011	\$238	E3	1.0	18	9.80	Q
1/3	1800	230	TENV	56C	Y502★	56H17T2013	\$256	E3	1.2	18	9.80	Q
1/2	1800	230	TENV	56C	Y504★	56H17T2015	\$301	E3	1.8	20	10.55	Q
	1800	230/460	TENV	56C	Y360★	56H17T2017	\$301	E3	1.8/0.9	20	10.55	
	1800	575	TENV	56C	Y361	56H17T2019	\$301	E3	0.7	20	10.55	Q
3/4	1800	230	TEFC	56C	Y506★	56H17F2011	\$372	E3	2.8	23	11.19	
	1800	230/460	TEFC	56C	Y362★	56H17F2017	\$372	E3	2.8/1.4	23	11.19	
	1800	575	TEFC	56C	Y363	56H17F2015	\$372	E3	1.1	23	11.19	
1	1800	230	TEFC	56C	Y508	56H17F2013	\$419	E3	3.2	28	12.44	
	1800	230/460	TEFC	56C	Y364★	56H17F2021	\$419	E3	3.2/1.6	28	12.44	
	1800	575	TEFC	56C	Y365★	56H17F2019	\$419	E3	1.3	28	12.44	
1 1/2	1800	230	TENV	145TC	Y522★	145THTR5328	\$521	E3	4.8	48	13.48	6
	1800	230/460	TENV	145TC	Y366★	145THTR5329	\$521	E3	4.8/2.4	48	13.48	6
	1800	575	TENV	145TC	Y367	145THTR5330	\$521	E3	1.9	48	13.48	6
2	1800	230	TEFC	145TC	Y523	145THFR5326	\$691	E3	5.8	53	14.87	6
	1800	230/460	TEFC	145TC	Y368★	145THFR5329	\$691	E3	5.8/2.9	51	14.87	6
	1800	575	TEFC	145TC	Y369★	145THFR5330	\$691	E3	2.3	51	14.87	6
3	1800	230	TEFC	182/145TC	Y530	182THFR5326	\$815	E3	8.4	52	14.87	86,88
	1800	230	TEFC	182TC	Y998	182THFR7726	\$850	E3	8.4	70	16.19	6
	1800	230/460	TEFC	182/145TC	Y370★	182THFR5329	\$815	E3	8.4/4.2	52	14.87	86,88
	1800	230/460	TEFC	182TC	Y999★	182THFR7729	\$850	E3	8.4/4.2	86	16.19	6
	1800	575	TEFC	182/145TC	Y371	182THFR5330	\$815	E3	3.4	52	14.87	86,88
	1800	575	TEFC	182TC	Y270	182THFR7730	\$850	E3	3.4	86	16.19	6
5	1800	230/460	TEFC	184TC	Y372★	184THFR7726	\$967	E3	13.4/6.7	88	16.69	6
	1800	575	TEFC	184TC	Y373	184THFR7736	\$967	E3	5.4	88	16.69	6
7 1/2	1800	230/460	TEFC	213TC	Y994★	213THFW7726	\$1,237	E3	21.4/10.7	98	20.97	6
	1800	575	TEFC	213TC	Y995	213THFW7736	\$1,237	E3	8.5	98	20.97	6
10	1800	230/460	TEFC	215TC	Y996★	215THFW7726	\$1,582	E3	27.6/13.8	125	22.22	d, 6
	1800	575	TEFC	215TC	Y997	215THFW7736	\$1,582	E3	11.1	125	22.22	6

★ Stock Model

Footnotes:

- Q "Quick Connect" terminal board
6 Bolt-on, removable base for footless mounting option
86 2:1 constant torque speed range; contact factory for greater than 2:1 capability
88 182T base and shaft height, 145TC mounting face and shaft dimensions

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C-Face

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1/3	1800	230	TENV	56C	Y503★	56H17T2014	\$256	E3	1.2	17	9.80	Q
1/2	1800	230	TENV	56C	Y505	56H17T2016	\$301	E3	1.8	19	10.55	Q
	1800	230/460	TENV	56C	Y374★	56H17T2018	\$301	E3	1.8/0.9	19	10.55	
	1800	575	TENV	56C	Y375	56H17T2020	\$301	E3	0.7	19	10.55	Q
3/4	1800	230	TEFC	56C	Y507★	56H17F2012	\$372	E3	2.8	21	11.19	d
	1800	230/460	TEFC	56C	Y376★	56H17F2018	\$372	E3	2.8/1.4	21	11.19	
	1800	575	TEFC	56C	Y377	56H17F2016	\$372	E3	1.1	21	11.19	
1	1800	230	TEFC	56C	Y521★	56H17F2014	\$419	E3	3.2	27	12.44	d
	1800	230/460	TEFC	56C	Y378★	56H17F2022	\$419	E3	3.2/1.6	27	12.44	
	1800	575	TEFC	56C	Y379★	56H17F2020	\$419	E3	1.3	27	12.44	d

★ Stock Model

INVERTER DUTY

Footnotes:

- d Will become build-up item when current stock is gone
 Q "Quick Connect" terminal board