

Max + Vector Duty, 1000:1 Constant Torque Totally Enclosed Non-Ventilated, C-Face, Encoder, with Rigid Base

Applications: The **MAX** incorporates low rotor inertia for fast starts, stops, and reversals. Coupled with an encoder make this useful in applications traditionally served only by servo systems. The **MAX** is also suitable for all applications where up to a 1000:1 Constant Torque speed range or positioning is required.

- Features:**
- ◆ Integrated Dynapar HS20 1024 ppr encoder
 - ◆ Class F insulation with CR200 corona resistant magnet wire
 - ◆ Constant Torque operation from 0 to base speed on Vector Drive
 - ◆ Constant Horsepower operation up to twice base RPM
 - ◆ Continuous duty at 40°C ambient
 - ◆ Optimized for operation with IGBT inverter
 - ◆ Removable base for C-Face footless mounting (as noted)
 - ◆ Ball bearings
 - ◆ Field reversible to F2 (except where noted)
 - ◆ UL Recognized, CSA Certified, and CE Marked
 - ◆ Three year warranty



HP	RPM	VOLTS	FRAME	ENCODER PPR	CAT NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/2	1800	230/460	56C	1024	Y280	56H17T15526	*	\$928	E3	1.6/8	28	13.48	S,6,13
3/4	1800	230/460	56C	1024	Y281	56H17T15528	*	\$971	E3	2.4/1.2	28	13.48	S,6,13
1	1800	230/460	56C	1024	Y282	56H17T15527	*	\$1,028	E3	3/1.5	41	14.98	S,6,13
	1800	230/460	143TC	1024	Y283	143THTR15535	*	\$1,107	E3	3/1.5	43	15.04	S,6,13
1 1/2	1800	230/460	145TC	1024	Y284	145THTR15540	*	\$1,224	E3	4/2	50	16.04	S,6,13
2	1800	230/460	145TC	1024	Y285	145THTN17034	*	\$1,642	E3	6/3	72	14.68	
3	1800	230/460	182TC	1024	Y286	182THTL17041	*	\$1,845	E3	8.4/4.2	96	17.39	AL
5	1800	230/460	184TC	1024	Y287	184THTL17038	*	\$2,008	E3	14/7	98	18.94	AL

Blue shaded areas are Cast Iron Frames

Footnotes:

AL Aluminum Frame Construction

S Steel Frame Construction

6 Bolt-on, removable base for footless mounting option

13 F1 Mounting Only, Cannot reassemble to F2