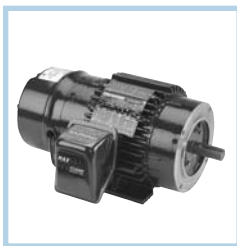


Inverter (Vector) Duty: Blue Max® 2000 Brakemotors 2000:1 Constant Torque, totally Enclosed



Applications: Designed for vector applications where up to a 2000:1 constant torque speed range is required. For use on Conveyors, Machine tools, Cranes, Hoists, and other industrial machinery requiring quick stop and/or holding torque.

- Features:**
- MAX GUARD® Class F insulation system
 - Constant torque operation from 0 to base speed on vector drive
 - Constant HP operation to twice base speed
 - Optimized for operation with IGBT inverter (NEMA Design A)
 - Normally closed thermostats (one per phase, Class F)
 - Ball Bearings
 - Continuous duty at 40°C ambient
 - Will accept encoder through Mod Central (see mod 24 for encoder mounting)
 - Includes 140% rated spring-set self-adjusting NEMA 2 disk brake (Brake coil voltage matches motor)
 - Horizontal mounting (see comment below and Mod Central for vertical mounting)
 - UL Recognized, CSA Certified, and CE Mark
 - Three year warranty (brake disks are exempt)



C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	BRAKE TQ. (LB/FT)
1	1800	230/460	143TC	Y986	143THTN8036	★	\$1,696	E3	3.0/1.5	17.00	6
2	1800	230/460	145TC	Y987	145THTN8043	★	\$1,889	E3	6.0/3.0	18.00	10
3	1800	230/460	182TC	Y988	182THTS8048	★	\$2,473	E3	8.2/4.1	19.67	15
5	1800	230/460	184TC	Y989	184THTS8056	★	\$2,981	E3	13.4/6.7	25.58	25
7 1/2	1800	230/460	213TC	Y990	213THTS8071	★	\$3,736	E3	21.0/10.5	27.58	35
10	1800	230/460	215TC	Y991	215THTS8071	★	\$4,440	E3	26.0/13.0	28.83	50
15	1800	230/460	254TC	Y992	254THTNA8071	★	\$5,642	E3	40.5/20.2	31.53	75
20	1800	230/460	256TC	Y993	256THTNA8071	★	\$7,478	E3	52.0/26.0	33.28	105

Blue shaded areas are Cast Iron Frames

1024 ppr Encoders through MOD Central

Multiplier Symbol E3

BRAND	MODEL	CAT. NO.	KIT NUMBER	STOCK	LIST (LOOSE)	LIST (INSTALLED)	FITS BRAKEMOTOR CAT. NO.
Avtron	M56	A748	KIT M561024BRK-140	★	\$2,038	\$2,338	Y986, Y987
		A749	KIT M561024BRK-182	★	\$2,038	\$2,338	Y988
	M85	A750	KIT M851024BRK-184	★	\$2,750	\$3,050	Y989
		A751	KIT M851024BRK-210	★	\$2,750	\$3,050	Y990, Y991
		A752	KIT M851024BRK-250	★	\$2,750	\$3,050	Y992, Y993
NorthStar	SL56	A786	KIT LKSR-CFACE	★	\$2,241	\$2,541	Y986, Y987
		A789	KIT SL561024-182NV	★	\$2,241	\$2,541	Y988
	SL85	A790	KIT SL851024-184NV	★	\$2,750	\$3,050	Y989
		A791	KIT SL851024-210NV	★	\$2,750	\$3,050	Y990, Y991
		A792	KIT SL851024-250NV	★	\$2,750	\$3,050	Y992, Y993

Vertical Mounting: 3 HP (182) and lower are suitable for shaft up or down.

5 HP (184) and larger, need vertical modification. Use Cat #: A157, KIT VRT87BRK (SEE MOD SECTION)

CAT. NO.	STOCK	MODEL NO.	LIST KIT ONLY	LIST INSTALLED
A157	★	KIT VRT87BRK	\$375	\$493