

Globetrotter® IEC (Metric) Frame, Three Phase
Totally Enclosed, B3 Mounting, Rigid Base



Applications: For use on fans, pumps, compressors, conveyors, and other equipment requiring IEC dimensions and electrical standards. The Globetrotter is not only designed to International standards but meets NEMA performance and efficiency standards making it suitable for requirements worldwide.

- Features:**
- ♦ Meets IE3 European and NEMA Premium efficiencies
 - ♦ Aluminum (63-90 frame) or Cast Iron (100-315 frame) frame construction
 - ♦ Nameplated 60/50 hertz at same HP (except as noted)
 - ♦ Max Guard® Class F Insulation, Class B rise @ rated KW
 - ♦ IP55 weatherproof enclosure
 - ♦ Rotatable/Removable Base (63-90 frame)
 - ♦ Wye Start-Delta Run on 160 Frame and larger
 - ♦ 10:1 Variable Torque, Constant Torque speed range as noted
 - ♦ Top Mounted/Oversized gasketed terminal box
 - ♦ Meets IEEE45, IEC60092 & USCG CFR46 Marine Duty (63-90 frame "Below Deck")
 - ♦ 1.15 Service Factor on 60 Hz sine wave, 1.0 SF or VFD
 - ♦ IEC Design "N" with NEMA "B" Torques
 - ♦ Terminal Blocks, Stud Type, Zero Creepage
 - ♦ Kits or MOD Central for B3/B14 mounting, see Accessories section
 - ♦ Meets IEC 34 electrical standards
 - ♦ Meets IEC 72 dimensions and tolerances
 - ♦ CE Marked
 - ♦ 1 Year Warranty



CONSULT
MARATHON ELECTRIC
FOR SPECIAL IEC
MOTORS

Multiplier Symbol F4

Suitable for use on VFD per guidelines on page 17.

HP/Kw	RPM 60/50 HZ	60 HZ VOLTS	50 HZ VOLTS	IEC FRAME	CAT NO.	MODEL NO.	STOCK	CT SPEED RANGE ☆	LIST PRICE	NOM. EFF.	60 HZ F.L. AMPS	WEIGHT	IEC "L" DIM. (MM)	FOOT NOTES	B5/FF FLANGE
1/4-18	3600/3000	230/460	200/400	63	R300	63T34FH5301	*	20:1	\$187	72.0	0.8/0.4	11	217		A569
	3600/3000	575	480	63	R400	63T34FH5303	*	20:1	\$187	72.0	0.3	11	217		A569
	1800/1500	230/460	200/400	63	R301	63T17FH5326	*	20:1	\$195	68.0	1.0/0.5	12	217		A569
	1800/1500	575	480	63	R401	63T17FH5327	*	20:1	\$195	68.0	0.4	12	217		A569
	1200/1000	230/460	200/400	71	R302	71T11FH5376	*	20:1	\$332	64.0	1.2/0.6	13	240		A570
1/3-25	3600/3000	230/460	200/400	63	R303	63T34FH5302	*	20:1	\$219	72.0	1.1/55	12	217		A569
	3600/3000	575	480	63	R403	63T34FH5304	*	20:1	\$219	72.0	0.4	12	217		A569
	1800/1500	230/460	200/400	71	R304	71T17FH5326	*	20:1	\$228	68.0	1.4/7	14	240		A570
	1800/1500	575	480	71	R404	71T17FH5330	*	20:1	\$228	68.0	0.6	14	240		A570
	1200/1000	230/460	200/400	80	R305	80T11FH5376	*	20:1	\$357	70.0	1.3/65	20	282		A571
1/2-37	3600/3000	230/460	200/400	71	R306	71T34FH5301	*	20:1	\$233	74.0	1.6/8	14	240		A570
	3600/3000	575	480	71	R406	71T34FH5033	*	20:1	\$233	74.0	0.7	14	240		A570
	1800/1500	230/460	200/400	71	R307	71T17FH5327	*	20:1	\$237	74.0	1.8/9	15	240		A570
	1800/1500	575	480	71	R407	71T17FH5331	*	20:1	\$237	74.0	0.7	16	240		A570
	1200/1000	230/460	200/400	80	R308	80T11FH5377	*	20:1	\$372	72.0	1.9/95	22	282		A571
3/4-55	3600/3000	230/460	200/400	71	R309	71T34FH5302	*	20:1	\$245	74.0	2.4/1.2	16	240		A570
	3600/3000	575	480	71	R409	71T34FH5304	*	20:1	\$245	74.0	0.9	16	240		A570
	1800/1500	230/460	200/400	80	R310	80T17FH5326	*	20:1	\$258	74.0	2.5/1.25	21	282		A571
	1800/1500	575	480	80	R410	80T17FH5330	*	20:1	\$258	74.0	1.0	22	282		A571
	1200/1000	230/460	200/400	80	R311	80T11FH5378	*	20:1	\$400	72.0	2.7/1.35	25	282		A571
1-75	3600/3000	230/460	200/400	80	R312	80T34FH5301	*	20:1	\$278	75.5	2.8/1.4	24	282		A571
	3600/3000	575	480	80	R412	80T34FH5305	*	20:1	\$278	75.5	1.1	24	282		A571
	1800/1500	230/460	200/400	80	R313	80T17FH5327	*	20:1	\$282	80.0	3.2/1.6	29	282		A571
	1800/1500	575	480	80	R413	80T17FH5331	*	20:1	\$282	80.0	1.4	28	282		A571
	1200/1000	230/460	200/400	90S	R314A	090ST11FH6376	*	20:1	\$486	82.5	3.3/1.7	33, 68	326		A572
1 1/2-1.1	3600/3000	230/460	200/400	80	R315	80T34FH5302	*	20:1	\$287	84.0	4.0/2.0	30	282		A571
	3600/3000	575	480	80	R415	80T34FH5303	*	20:1	\$287	84.0	1.6	29	282		A571
	1800/1500	230/460	200/400	90S	R316A	090ST17FH6326	*	20:1	\$369	86.5	4.6/2.3	40, 68	326		A572
	1800/1500	575	480	90S	R416A	090ST17FH6327	*	20:1	\$369	86.5	1.8	39	326		A572
	1200/1000	230/460	200/400	100L	R317	100LTFC6586	*	2:1	\$576	87.5	5.5/10	82	380	68	A554A
2-1.5	3600/3000	230/460	200/400	90S	R318A	090ST34FH6301	*	20:1	\$384	85.5	5.2/2.6	36, 68	326		A572
	3600/3000	575	480	90S	R418A	090ST34FH6302	*	20:1	\$384	85.5	2.1	36, 68	326		A572
	1800/1500	230/460	200/400	90L	R319A	090LT17FH56326	*	20:1	\$396	86.5	5.8/2.9	41, 68	326		A572
	1800/1500	575	480	90L	R419A	090LT17FH6327	*	20:1	\$396	86.5	2.4	39, 68	326		A572
	1200/1000	230/460	200/400	100L	R320A	100LTFC6576	*	2:1	\$619	88.5	7.6/3.8	82, 68	380	68	A554A

Blue shaded areas are Cast Iron Frames

† Requires nameplate modification

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet EISA requirements

Continued on next page.