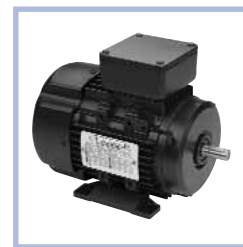


Globetrotter® IEC (Metric) Frame, Three Phase

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:**
- Aluminum (63-90 frame) or Cast Iron (180-250 frame) frame construction
 - Nameplated 60/50 hertz at same HP/KW
 - 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
 - Meets EFF2 European, EPAct and NRCAN Canadian efficiencies, as noted
 - Top Mounted/Oversized gasketed terminal box
 - Meets IEE45, 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/B5 or B3/B14 mounting
 - 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

HP/ KW	RPM 60/50 HZ	60 HZ VOLTS	50 HZ VOLTS	IEC FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE†	LIST PRICE	NOM. EFF.	60 HZ F.L. AMPS	APPROX. WGHT. LBS.	IEC "L" DIM. (MM)	FOOT NOTES	B5/FF FLANGE
1/4-0.18	3600/3000	230/460	200/400	63	R300★	63T34FH5301	20:1	\$175	72.0	0.8/0.4	11	217	DS	A569
	3600/3000	575	480	63	R400★	63T34FH5303	20:1	\$175	72.0	0.3	11	217	d,DS	A569
	1800/1500	230/460	200/400	63	R301★	63T17FH5326	20:1	\$182	68.0	1.0/0.5	12	217	DS	A569
	1800/1500	575	480	63	R401★	63T17FH5327	20:1	\$182	68.0	0.4	12	217	DS	A569
	1200/1000	230/460	200/400	71	R302★	71T11FH5376	20:1	\$311	64.0	1.2/0.6	13	240	DS	A570
1/3-0.25	3600/3000	230/460	200/400	63	R303★	63T34FH5302	20:1	\$205	72.0	1.1/1.55	12	217	DS	A569
	3600/3000	575	480	63	R403★	63T34FH5304	20:1	\$205	72.0	0.4	12	217	DS	A569
	1800/1500	230/460	200/400	71	R304★	71T17FH5326	20:1	\$213	68.0	1.4/1.7	14	240	DS	A570
	1800/1500	575	480	71	R404★	71T17FH5330	20:1	\$213	68.0	0.6	14	240	d,DS	A570
	1200/1000	230/460	200/400	80	R305★	80T11FH5376	20:1	\$334	70.0	1.3/1.65	20	282	DS	A571
1/2-0.37	3600/3000	230/460	200/400	71	R306★	71T34FH5301	20:1	\$218	74.0	1.6/1.8	14	240	DS	A570
	3600/3000	575	480	71	R406★	71T34FH5303	20:1	\$218	74.0	0.7	14	240	d,DS	A570
	1800/1500	230/460	200/400	71	R307★	71T17FH5327	20:1	\$222	74.0	1.8/1.9	15	240	DS	A570
	1800/1500	575	480	71	R407★	71T17FH5331	20:1	\$222	74.0	0.7	16	240	DS	A570
	1200/1000	230/460	200/400	80	R308★	80T11FH5377	20:1	\$348	72.0	1.9/1.95	22	282	DS	A571
3/4-0.55	3600/3000	230/460	200/400	71	R309★	71T34FH5302	20:1	\$229	74.0	2.4/1.2	16	240	DS	A570
	3600/3000	575	480	71	R409★	71T34FH5304	20:1	\$229	74.0	0.9	16	240	DS	A570
	1800/1500	230/460	200/400	80	R310★	80T17FH5326	20:1	\$241	74.0	2.5/1.25	21	282	DS	A571
	1800/1500	575	480	80	R410★	80T17FH5330	20:1	\$241	74.0	1.0	22	282	d,DS	A571
	1200/1000	230/460	200/400	80	R311★	80T11FH5378	20:1	\$374	72.0	2.7/1.35	25	282	DS	A571
1-0.75	3600/3000	230/460	200/400	80	R312★	80T34FH5301	20:1	\$260	75.5	2.8/1.4	24	282	DS	A571
	3600/3000	575	480	80	R412★	80T34FH5305	20:1	\$260	75.5	1.1	24	282	DS	A571
	1800/1500	230/460	200/400	80	R313★	80T17FH5327	20:1	\$264	80.0	3.2/1.6	29	282	DS	A571
	1800/1500	575	480	80	R413★	80T17FH5331	20:1	\$264	80.0	1.4	28	282	d,DS	A571
	1200/1000	230/460	200/400	90S	R314★	90ST11FH5376	20:1	\$389	80.0	3.3/1.7	33	326	DS	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	DS	A571
	3600/3000	575	480	80	R415★	80T34FH5303	20:1	\$287	84.0	1.6	29	282	DS	A571
	1800/1500	230/460	200/400	90S	R316★	90ST17FH5326	20:1	\$295	85.5	4.6/2.3	40	326	DS	A572
	1800/1500	575	480	90S	R416★	90ST17FH5327	20:1	\$295	85.5	1.8	39	326	DS	A572
2-1.5	3600/3000	230/460	200/400	90S	R318★	90ST34FH5301	20:1	\$307	85.5	5.2/2.6	36	326	DS	A572
	3600/3000	575	480	90S	R418★	90ST34FH5302	20:1	\$307	85.5	2.1	36	326	DS	A572
	1800/1500	230/460	200/400	90L	R319★	90LT17FH5326	20:1	\$317	84.0	5.8/2.9	41	326	DS	A572
	1800/1500	575	480	90L	R419★	90LT17FH5327	20:1	\$317	84.0	2.4	39	326	DS	A572
	1200/1000	230/460	200/400	100L	R320	100LTFC4576	2:1	\$495	86.5	7.6/3.8	82	380	DS	A573

Blue shaded areas are Cast Iron Frames

★ Stock Model † Requires nameplate modification

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCAN Canadian standards.

Footnotes:

d Will become build-up item when current stock is gone

DS Sourced

SB300 - Prices and Specifications are subject to change without notice.

Continued on next page.

Globetrotter® IEC (Metric) Frame, Three Phase

Totally Enclosed, B3 Mounting, Rigid Base

Multiplier Symbol F4

HP/ KW	RPM 60/50 HZ	60 HZ VOLTS	50 HZ VOLTS	IEC FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE†	LIST PRICE	NOM. EFF.	60 HZ F.L. AMPS	APPROX. WGHT. LBS.	IEC "L" DIM. (MM)	FOOT NOTES	B5/FF FLANGE
3-2.2	3600/3000	230/460	200/400	90L	R321 *	90LT34FH5301	20:1	\$442	86.5	7.2/3.6	42	326	DS	A572
	3600/3000	575	480	90L	R421 *	90LT34FH5302	20:1	\$442	86.5	2.9	42	326	DS,d	A572
	1800/1500	230/460	200/400	100L	R322 *	100LTFC4526	20:1	\$480	88.5	9.0/4.5	84	380	DS	A573
	1200/1000	230/460	200/400	112M	R323	112MTFC4576	20:1	\$699	87.5	9.0/4.5	100	400	DS	A573
4-3	3600/3000	230/460	200/400	100L	R351 *	100LTFC4501	20:1	\$512	87.5	9.2/4.6	71	380	DS	A573
	1800/1500	230/460	200/400	100L	R352 *	100LTFC4536	20:1	\$521	88.5	11.0/5.5	84	380	DS	A573
	1200/1000	230/460	200/400	132S	R353	132STFC4586	2:1	\$846	87.5	13/6.5	154	475	DS	A575
5 1/2-4	3600/3000	230/460	200/400	112M	R324 *	112MTFC4511	20:1	\$659	87.5	12.8/6.4	104	400	DS	A574
	1800/1500	230/460	200/400	112M	R325 *	112MTFC4536	20:1	\$635	87.5	14.0/7.0	104	400	DS	A574
	1200/1000	230/460	200/400	132M	R326	132MTFC4586	2:1	\$977	87.5	17/8.5	176	475	DS	A575
7 1/2-5.5	3600/3000	230/460	200/400	132S	R327 *	132STFC4501	20:1	\$826	90.2	17.6/8.8	152	475	DS	A575
	1800/1500	230/460	200/400	132S	R328 *	132STFC4526	20:1	\$826	90.2	19.6/9.8	150	475	DS	A575
	1200/1000	230/460	200/400	132M	R329	132MTFC4587	2:1	\$1,175	89.5	23.4/11.7	180	475	DS	A575
10-7.5	3600/3000	230/460	200/400	132S	R330 *	132STFC4502	20:1	\$884	89.5	23.2/11.6	163	475	DS	A575
	1800/1500	230/460	200/400	132M	R331 *	132MTFC4536	2:1	\$980	91.0	26/13	174	475	DS	A575
	1200/1000	230/460	200/400	160M	R332	160MTFC4586	2:1	\$1,524	89.5	28/14	251	600	YD,DS	A576
15-11	3600/3000	230/460	200/400	160M	R333 *	160MTFC4511	2:1	\$1,432	91.7	35.2/17.6	260	600	YD,DS	A576
	1800/1500	230/460	200/400	160M	R334 *	160MTFC4536	10:1	\$1,432	91.0	37.8/18.9	264	600	YD,DS	A576
	1200/1000	230/460	200/400	160L	R335	160LTFC4588	2:1	\$1,956	90.2	38.8/19.4	330	600	YD,DS	A576
20-15	3600/3000	230/460	200/400	160M	R336 *	160MTFC4512	10:1	\$1,680	91.7	46.8/23.4	269	600	YD,DS	A576
	1800/1500	230/460	200/400	160L	R337 *	160LTFC4538	2:1	\$1,771	91.0	47/23.5	311	600	YD,DS	A576
	1200/1000	230/460	200/400	180L	R338	180LTFC4588	2:1	\$2,743	90.2	54/27	385	710	YD,DS	A577
25-18.5	3600/3000	230/460	200/400	160L	R339 *	160LTFC4513	2:1	\$2,045	91.7	57.6/28.8	319	645	YD,DS	A576
	1800/1500	230/460	200/400	180M	R340 *	180MTFC4536	20:1	\$2,251	92.4	59.2/29.6	381	670	YD,DS	A577
	1200/1000	230/460	200/400	200L	R341	200LTFC4588	2:1	\$3,440	91.7	63/31.5	467	775	YD,DS	A578
30-22	3600/3000	230/460	200/400	180M	R342 *	180MTFC4511	2:1	\$2,430	92.4	68.8/34.4	355	670	YD,DS	A577
	1800/1500	230/460	200/400	180L	R343 *	180LTFC4538	20:1	\$2,530	92.4	69.2/34.6	427	710	YD,DS	A577
	1200/1000	230/460	200/400	200L	R344	200LTFC4589	2:1	\$3,897	91.7	76/38	467	775	YD,DS	A578
40-30	3600/3000	230/460	200/400	200L	R345 *	200LTFC4511	20:1	\$3,460	92.4	89.6/44.8	522	775	YD,DS	A578
	1800/1500	230/460	200/400	200L	R346 *	200LTFC4538	2:1	\$3,725	94.1	95/47.5	531	775	YD,DS	A578
	1200/1000	230/460	200/400	225M	R347	225MTFC4586	2:1	\$5,855	93.0	100/50	633	845	YD,DS	A579
50-37	3600/3000	230/460	200/400	200L	R348 *	200LTFC4513	10:1	\$4,538	92.4	111.4/55.7	546	775	YD,DS	A578
	1800/1500	230/460	200/400	225S	R349 *	225STFC4526	10:1	\$5,168	93.6	117.6/58.8	632	845	YD,DS	A579
	1200/1000	230/460	200/400	250M	R350	250MTFC4586	2:1	\$8,207	93.0	125/62.5	655	930	YD,DS	NA

Blue shaded areas are Cast Iron Frames

* Stock Model † Requires nameplate modification

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

Continued on next page.

Footnotes:

- d Will become build-up item when current stock is gone
- DS Sourced
- YD 12 leads for Wye Delta, Part Winding on low voltage, or across-the-line starting

IEC (Metric) Frame, Three Phase, Globetrotter®

Totally Enclosed, Flange/Base Mounting

Multiplier Symbol F4

B3/B5 "FF"

HP/ KW	RPM 60/50 HZ	60 HZ VOLTS	50 HZ VOLTS	IEC FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE†	LIST PRICE	NOM. EFF.	60 HZ F.L. AMPS	APPROX. WGHT. LBS.	IEC "L" DIM. (MM)	FOOT NOTES
1/4-0.18	3600/3000	230/460	200/400	63D	R380★	63T34FH5501	20:1	\$201	72.0	0.8/0.4	10	217	DS
	1800/1500	230/460	200/400	63D	R381★	63T17FH5502	20:1	\$208	68.0	1.0/0.5	11	217	DS
	1200/1000	230/460	200/400	71D	R382★	71T11FH5503	20:1	\$357	64.0	1.2/0.6	12	240	DS
1/3-0.25	3600/3000	230/460	200/400	63D	R383★	63T34FH5504	20:1	\$233	72.0	1.1/55	11	217	DS
	1800/1500	230/460	200/400	71D	R384★	71T17FH5505	20:1	\$240	68.0	1.4/7	13	240	DS
	1200/1000	230/460	200/400	80D	R385★	80T11FH5506	20:1	\$384	70.0	1.3/65	17	282	DS
1/2-0.37	3600/3000	230/460	200/400	71D	R386★	71T34FH5507	20:1	\$239	74.0	1.6/8	13	240	DS
	1800/1500	230/460	200/400	71D	R387★	71T17FH5508	20:1	\$247	74.0	1.8/9	14	282	DS
	1200/1000	230/460	200/400	80D	R388★	80T11FH5509	20:1	\$399	72.0	1.9/95	19	282	DS
3/4-0.55	3600/3000	230/460	200/400	71D	R389★	71T34FH5510	20:1	\$253	74.0	2.4/1.2	15	282	DS
	1800/1500	230/460	200/400	80D	R390★	80T17FH5511	20:1	\$269	74.0	2.5/1.25	18	282	DS
	1200/1000	230/460	200/400	80D	R391★	80T11FH5512	20:1	\$423	72.0	2.7/1.35	22	320	DS
1-0.75	3600/3000	230/460	200/400	80D	R392★	80T34FH5513	20:1	\$278	75.5	2.8/1.4	21	282	DS
	1800/1500	230/460	200/400	80D	R393★	80T17FH5514	20:1	\$291	80.0	3.2/1.6	26	282	DS
	1200/1000	230/460	200/400	90SD	R394★	90ST11FH5515	20:1	\$445	80.0	3.3/1.7	35	320	DS
1 1/2-1.1	3600/3000	230/460	200/400	80D	R395★	80T34FH5516	20:1	\$317	84.0	4.0/2.0	30	282	DS
	1800/1500	230/460	200/400	90SD	R396★	90ST17FH5517	20:1	\$322	85.5	4.6/2.3	37	320	DS
2-1.5	3600/3000	230/460	200/400	90SD	R397★	90ST34FH5518	20:1	\$351	85.5	5.2/2.6	33	320	DS
	1800/1500	230/460	200/400	90SD	R398★	90LT17FH5519	20:1	\$361	84.0	5.8/2.9	38	320	DS
3-2.2	3600/3000	230/460	200/400	90LD	R399★	90LT34FH5520	20:1	\$497	86.5	7.2/3.6	39	320	DS

B3/B14 "FT"

HP/ KW	RPM 60/50 HZ	60 HZ VOLTS	50 HZ VOLTS	IEC FRAME	CAT. NO.	MODEL NO.	CT SPEED RANGE†	LIST PRICE	NOM. EFF.	60 HZ F.L. AMPS	APPROX. WGHT. LBS.	IEC "L" DIM. (MM)	FOOT NOTES
1/4-0.18	3600/3000	230/460	200/400	63C	R360★	63T34FH5401	20:1	\$197	72.0	0.8/0.4	10	217	DS
	1800/1500	230/460	200/400	63C	R361★	63T17FH5402	20:1	\$205	68.0	1.0/0.5	11	217	DS
	1200/1000	230/460	200/400	71C	R362★	71T11FH5403	20:1	\$357	64.0	1.2/0.6	12	240	DS
1/3-0.25	3600/3000	230/460	200/400	63C	R363★	63T34FH5404	20:1	\$231	72.0	1.1/55	11	217	DS
	1800/1500	230/460	200/400	71C	R364★	71T17FH5405	20:1	\$234	68.0	1.4/7	13	240	DS
	1200/1000	230/460	200/400	80C	R365★	80T11FH5406	20:1	\$384	70.0	1.3/65	17	282	DS
1/2-0.37	3600/3000	230/460	200/400	71C	R366★	71T34FH5407	20:1	\$235	74.0	1.6/8	13	240	DS
	1800/1500	230/460	200/400	71C	R367★	71T17FH5408	20:1	\$244	74.0	1.8/9	14	282	DS
	1200/1000	230/460	200/400	80C	R368★	80T11FH5409	20:1	\$399	72.0	1.9/95	19	282	DS
3/4-0.55	3600/3000	230/460	200/400	71C	R369★	71T34FH5410	20:1	\$247	74.0	2.4/1.2	15	282	DS
	1800/1500	230/460	200/400	80C	R370★	80T17FH5411	20:1	\$265	74.0	2.5/1.25	18	282	DS
	1200/1000	230/460	200/400	80C	R371★	80T11FH5412	20:1	\$423	72.0	2.7/1.35	22	320	DS
1-0.75	3600/3000	230/460	200/400	80C	R372★	80T34FH5413	20:1	\$272	75.5	2.8/1.4	21	282	DS
	1800/1500	230/460	200/400	80C	R373★	80T17FH5414	20:1	\$284	80.0	3.2/1.6	26	282	DS
	1200/1000	230/460	200/400	90SC	R374★	90ST11FH5415	20:1	\$445	80.0	3.3/1.7	35	320	DS
1 1/2-1.1	3600/3000	230/460	200/400	80C	R375★	80T34FH5416	20:1	\$310	84.0	4.0/2.0	30	282	DS
	1800/1500	230/460	200/400	90SC	R376★	90ST17FH5417	20:1	\$316	85.5	4.6/2.3	37	320	DS
2-1.5	3600/3000	230/460	200/400	90SC	R377★	90ST34FH5418	20:1	\$344	85.5	5.2/2.6	33	320	DS
	1800/1500	230/460	200/400	90LC	R378★	90LT17FH5419	20:1	\$351	84.0	5.8/2.9	38	320	DS
3-2.2	3600/3000	230/460	200/400	90LC	R379★	90LT34FH5420	20:1	\$497	86.5	7.2/3.6	39	320	DS

★ Stock Model † Requires nameplate modification Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

GLOBETROTTER® - IEC

Footnotes:
DS Sourced

Mounting Kits for IEC Motors

Multiplier Symbol S4

FF - Flange Mounting Kits B5 Mounting

Frame	Frame Construction	Style Letter*	Catalog Number	KIT Number	Assembled List Price	Kit Only List Price	Bolt Circle "mm"
63	Aluminum	None	A569	KIT 635115	\$211	\$47	115
71	Aluminum	None	A570	KIT 715130	\$224	\$55	130
80	Aluminum	None	A571	KIT 805165	\$237	\$60	165
90	Aluminum	None	A572	KIT 905165	\$250	\$63	165
100	Cast Iron	None	A573	KIT 1005215	\$270	\$84	215
100	Cast Iron	A	A554	KIT 175984	\$270	\$84	215
112	Cast Iron	None	A574	KIT 1125215	\$322	\$90	215
112	Cast Iron	A	A555	KIT 175986	\$322	\$90	215
132	Cast Iron	None	A575	KIT 1325265	\$342	\$120	265
132	Cast Iron	A	A556	KIT 175988	\$342	\$120	265
160	Cast Iron	None	A576	KIT 1605300	\$487	\$227	300
160	Cast Iron	A	A557	KIT 175990	\$487	\$227	300
180	Cast Iron	None	A577	KIT 1805300	\$513	\$281	300
180	Cast Iron	A	A558	KIT 175890	\$513	\$310	300
200	Cast Iron	None	A578	KIT 2005350	\$855	\$367	350
200	Cast Iron	A	A559	KIT 175994	\$855	\$367	350
225	Cast Iron	None	A579	KIT 2255400	\$1,283	\$470	400
225	Cast Iron	A	A580	KIT 175995	\$1,283	\$641	400

Important:

For proper flange kit selection, verify whether model number contains the letter "A" in the 8th position (style Letter), and consult chart at left and below for correct kit.

FT - Face Mounting Kits B14 Mounting

Frame	Frame Construction	Style Letter*	Catalog Number	KIT Number	Assembled List Price	Kit Only List Price	Bolt Circle "mm"
63	Aluminum	None	A561	KIT 631475	\$204	\$43	75
71	Aluminum	None	A562	KIT 711485	\$211	\$47	85
80	Aluminum	None	A563	KIT 8014100	\$224	\$53	100
90	Aluminum	None	A564	KIT 9014115	\$237	\$58	115
100	Cast Iron	None	A565	KIT 10014130	\$250	\$77	130
100	Cast Iron	A	A581	KIT 175985	\$250	\$77	130
112	Cast Iron	None	A566	KIT 11214130	\$270	\$84	130
112	Cast Iron	A	A582	KIT 175987	\$270	\$84	130
132	Cast Iron	None	A567	KIT 13214165	\$329	\$112	165
132	Cast Iron	A	A583	KIT 175989	\$329	\$112	165
160	Cast Iron	None	A568	KIT 16014215	\$480	\$219	215
160	Cast Iron	A	A584	KIT 175991	\$480	\$275	215

* Style letter refers to the 8th position in the motor's model number.
Example: 132STFCA4526

For typical outline drawing, see page 259.

NOTE: Assembly leadtime through Modification Center is 3-4 working days based on product availability at the time of order placement.

Metric Flanges To Reduce Diameter For Aluminum Frame Motors Only

Motor Frame	New Frame Diameter	Catalog Number	Kit Number	Kit Only List Price
63	56	A585	KIT 175900	\$39
71	63	A586	KIT 175901	\$45
80	71	A587	KIT 175902	\$50
90	80	A588	KIT 175903	\$53