

PRODUCT INFORMATION PACKET



Model No: 145TTFC6029

Catalog No: GT1104

Globetrotter® General Purpose Motor, 1.50 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 145T Frame, TEFC

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Nameplate Specifications

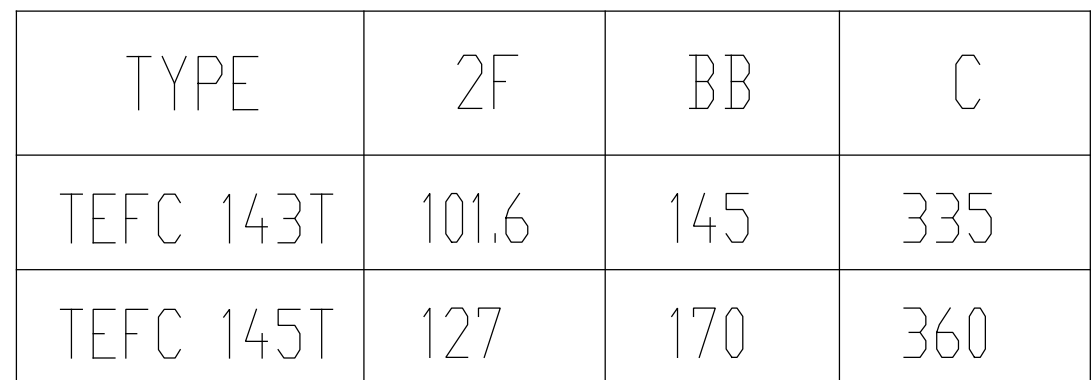
Phase	3	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	575 V
Speed	1740 rpm	Service Factor	1.15
Frame	145T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	86.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.6 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	J
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Selective Clockwise
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Shaft Diameter	0.875 in	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 2:1/VARIABLE 10:1		
Outline Drawing	0214300002	Connection Drawing	EE7300

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修 改	校 对
审 核	工 艺
工 艺	标 准
标 准	设 计
设 计	校 对
校 对	审 核
审 核	工 艺
工 艺	标 准
标 准	批 准



						0214300002									
标 记	处 数	分 区	更改文件号	签 名	年 月 日										
设 计			标准化			阶段标记		重量	比例	外形图 TEFC 143、145T					
校 核			审 定						1:2.8						
审 核										无锡华达电机有限公司					
工 艺			批 准			共 页		第 页							

THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

IF MOTOR HAS 9 LEADS

T1(U1) T1(U1) T1(U1) → L1

T2(V1) T2(V1) T2(V1) → L2

T3(W1) T3(W1) T3(W1) → L3

IF MOTOR HAS 6 LEADS

T1(U1) T1(U1) → L1

T2(V1) T2(V1) → L2



T3(W1) T3(W1) → L3

A-9806 DECAL



VIEW OF TERMINAL END

OPTIONAL CORD CONNECTION	
L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION AC	REVISION BY BS	REV DATE/© DATE 26/07/2022	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY DA	<div> Regal Beloit America, Inc.</div>		
REQUEST NUMBER CR-0010402	APPROVED BY SN	DATE 26/07/2022		DATE 03-26-1993			
REQUEST NUMBER DESCRIPTION DRAWING UPDATED				APPROVED BY TB	DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR		
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				REFERENCE	MATERIAL		PROCESS/FINISH
				THIRD ANGLE PROJECTION 	SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1