

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 364TTDCB6060

Catalog No: GT0040

Globetrotter® General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, 364T Frame, DP



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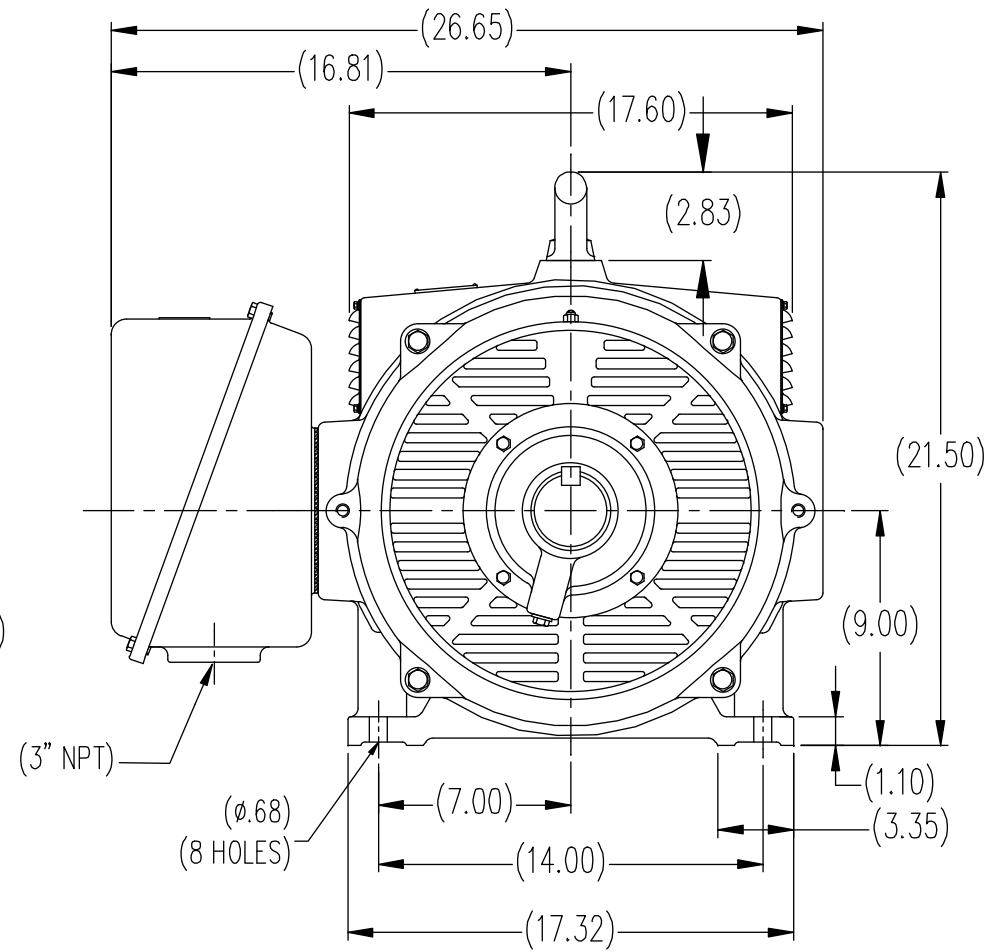
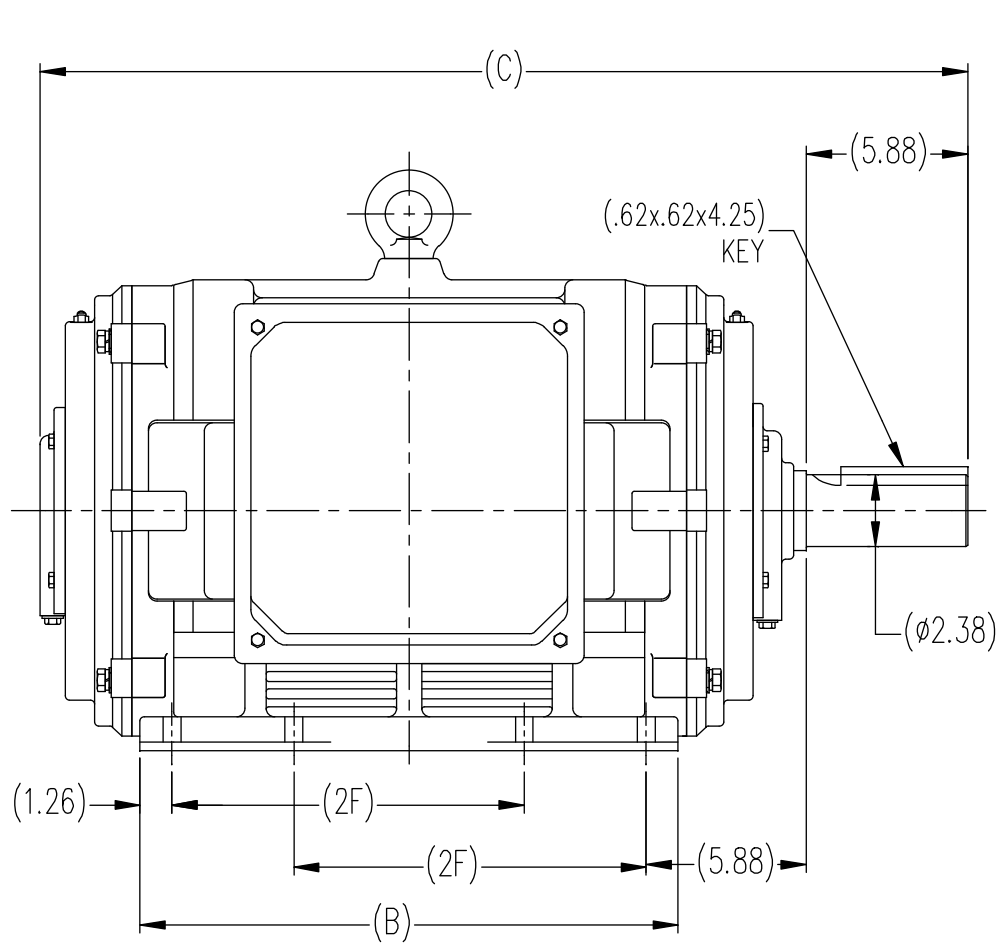
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	60 & 50 Hp
Output KW	45.0 & 37.0 kW	Voltage	230/460 & 190/380 V
Speed	1785 & 1485 rpm	Service Factor	1.15 & 1.15
Frame	364T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	139/69.5 & 138/69 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0905 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	31.69 in
Shaft Diameter	2.375 in	Shaft Extension	5.88 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	EE7308AA	Outline Drawing	SS620114-364T

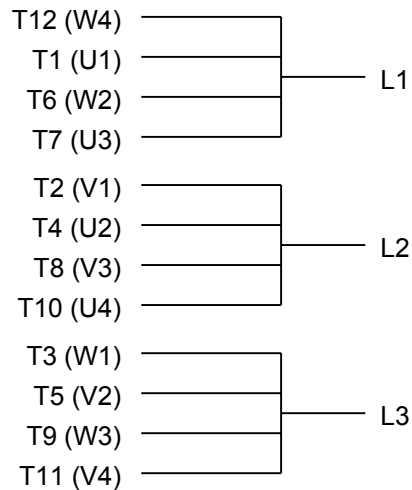


(DIMENSIONS IN TABLE ARE CONSIDERED REFERENCE)

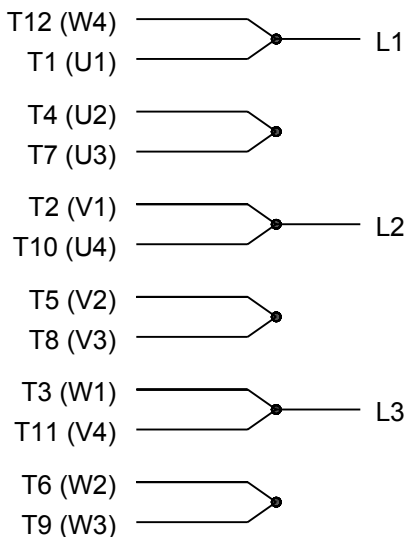
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364T	31.69	17.32	11.25
365T	33.27	18.90	12.25
FRAME	C	B	2F

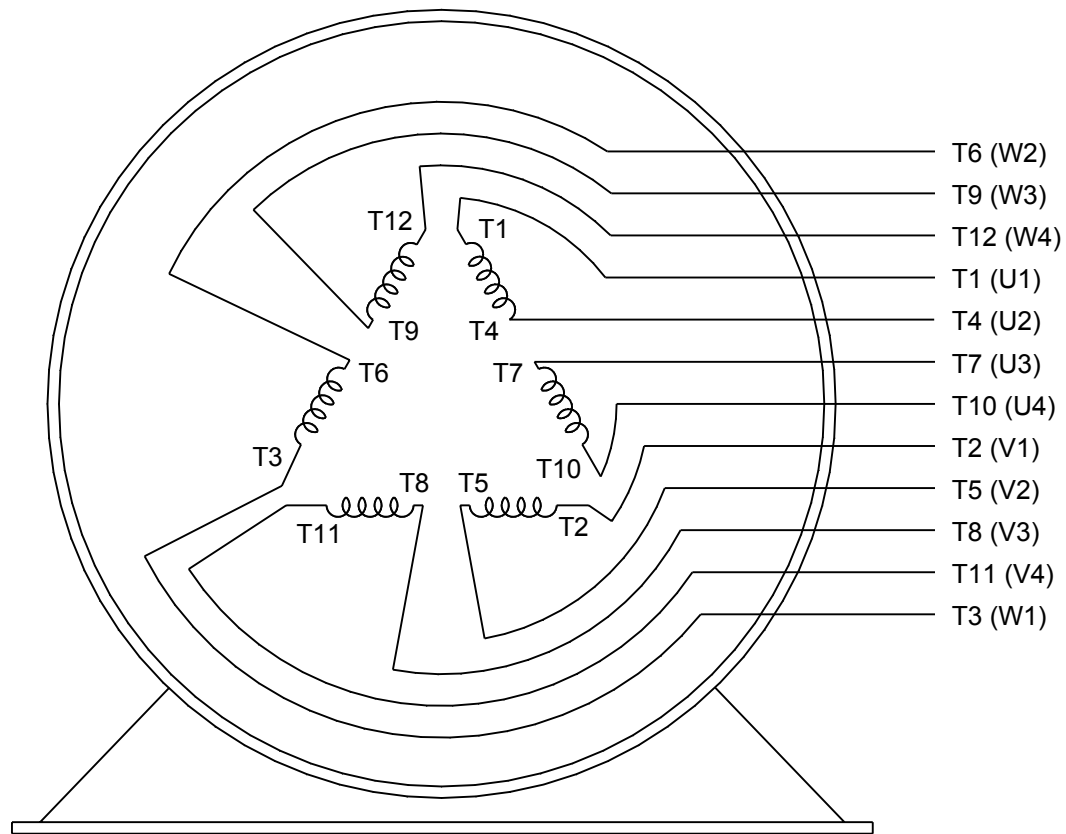
				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN MSG 11-09-2007	
				DEC.	INCHES		CHK	ML 11-09-2008
				.X	±.1	TITLE 364/365T FR. - ODP - CAST IRON	APPD	SB 01-14-2008
				.XX	±.03		SCALE	1=1
				.XXX	±.005		REF	
1	REMOVED REFERENCE TO MODEL NUMBERS	ML 02-02-2011		.XXXX	±.0005	MAT'L.	FMF	HUADA
NO.	REVISION	BY & DATE	CHK	ANG	FINISH		PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP		CAD FILE	SS620114	SIZE	DRAWING NO.
			DIST				B	SS620114
								REV.



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	
DATE 01-12-1994	
APPROVED BY GK	
DATE 01-14-1994	
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1

CERTIFICATION DATA SHEET

Model#: 364TTDCB6060 AD
 CONN. DIAGRAM: EE7308AA
 OUTLINE: SS620114

WINDING#: CHT36440002 NONE 1
 ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
60&50	45&37	1800	1785&1485	364T	DP	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	139/69.5&138/ 69	PWS & YDRUN OR INV	CONTINUOU S	F7	1.15/1.15	40	3300

FULL LOAD EFF: 95&94.5	3/4 LOAD EFF: 95.4	1/2 LOAD EFF: 95	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 85&84	3/4 LOAD PF: 82	1/2 LOAD PF: 73.5	94.5	SQ CAGE INV RATED	47 / 23.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
177 LB-FT	794 / 397	309 LB-FT 175	487 LB-FT 275	35

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
79 dBA	89 dBA	15.2 LB-FT^2	- LB-FT^2	20 SEC.	2	875 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	D RIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	RODENT	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6314	6313						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

* N O T E S *	INVERTER TORQUE: VARIABLE 10:1
	INV. HP SPEED RANGE: NONE
	ENCODER: NONE NONE NONE NONE NONE PPR
	BRAKE: NONE NONE NONE P/N NONE NONE NONE NONE FT-LB NONE V NONE Hz

DATE: 06/21/2017 08:07:33 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

Data Sheet

Date: 6/20/2017

Customer: _____

Attention: _____

Submitted by: FAREEDA DUDEKULA



364TTDCB6060

Submittal

Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	23.5	28.5	40.0	53.5	69.5	80.5	87.0	397	
Torque (ft-lb)	0.00	44.0	88.0	132	177	203	221	309	
RPM	1800	1797	1793	1790	1785	1,782	1780	0	
Efficiency (%)		92.4	95.0	95.4	95.0	94.5	94.5		
P.F. (%)	4.5	53.5	73.5	82.0	85.0	85.0	85.5	36.5	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block	
Speed (RPM)	0	900	1700	1785	1800	HP	60.0
Current (Amps)	397	352	236	69.5	23.5	Sync. RPM	1800
Torque (ft-lb)	309	216	487	177	0.00	Frame	364
						Enclosure	DP
						Construction	TDC
						Voltage	30/460#190/381V
						Frequency	60 Hz
						Design	B
						LR Code letter	G
						Service Factor	1.15
						Temp Rise @ FL	35 °C
						Duty	CONT
						Ambient	40 °C
						Elevation	1,000 feet
						Rotor/Shaft wk ²	15.2 Lb-Ft ²
						Ref Wdg	CHT36440002 NONE
						Sound Pressure @ 1M	79 dBA
						VFD Rating	VARIABLE 10:1
						Outline Dwg	SS620114
						Conn. Diag	EE7308AA
Additional Specifications:							
0							
0							
EQUIV CKT (OHMS / PHASE)							
R1		R2		X1		X2	Xm
0.0620		0.0350		0.3430		0.5410	10.6550

Speed -Torque Curve

