

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 365TTFS16882

Catalog No: 365TTFS16882

Encoder Motor, 50 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 365T Frame, TEFC

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The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

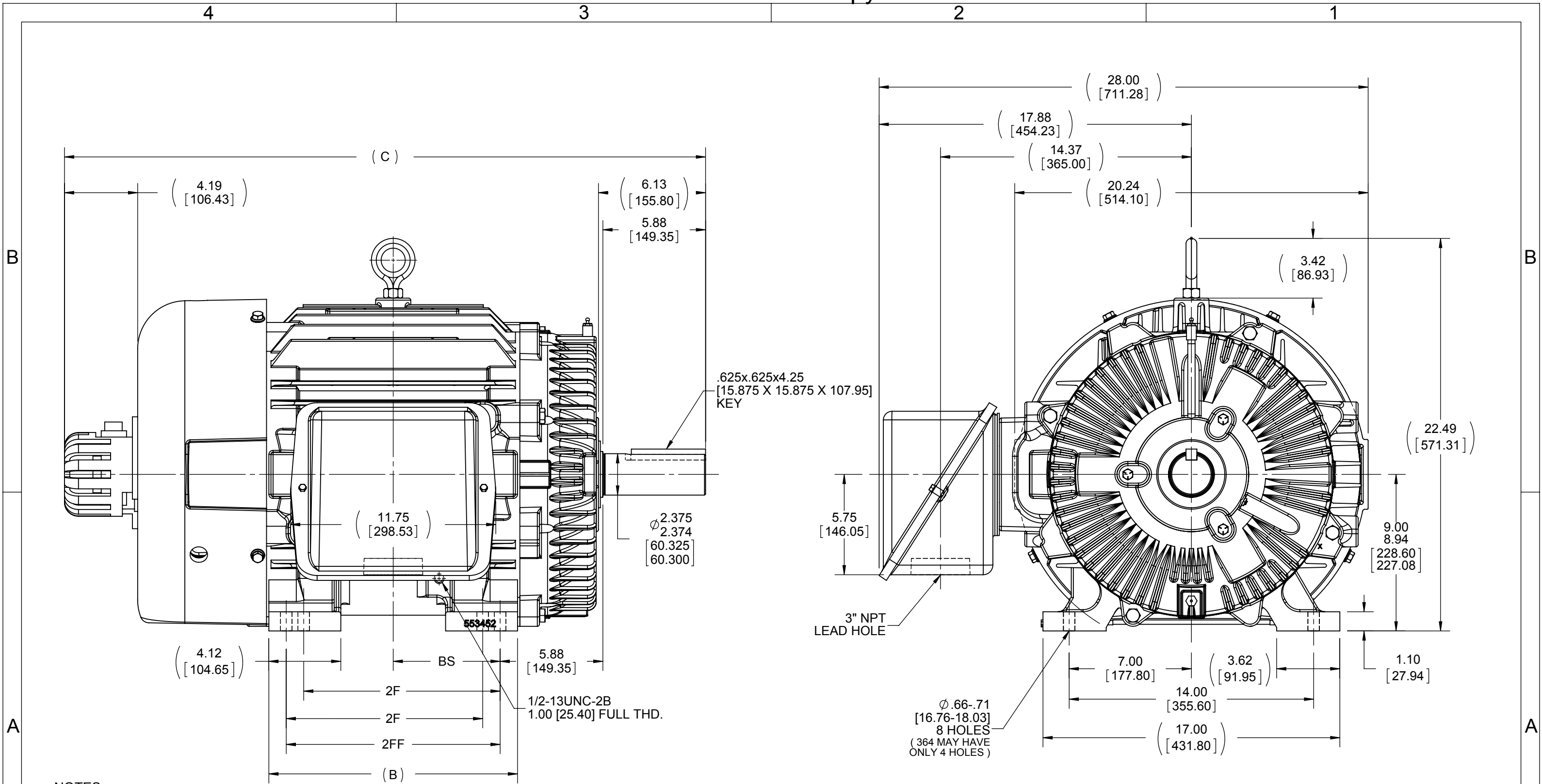
Nameplate Specifications

Phase	3	Output HP	50 Hp
Output KW	37.0 kW	Voltage	230/460 V
Speed	1182 rpm	Service Factor	1.15
Frame	365T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	123.0/61.5 A	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6312
UL	Recognized	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.12 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Shaft Diameter	2.375 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1
Outline Drawing	SS516278-1450	Connection Drawing	EE7308

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- NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 4. DIMENSION IN [] DESIGNATE MILLIMETERS.

DASH	FRAME	B	C	2F	2FF	BS
1350	364T	13.25 [336.55]	35.71 [907.03]	11.25 [285.75]	---	5.62 [142.74]
1450	364/365T	14.25 [361.95]	36.71 [932.43]	11.25 [285.75]	12.25 [311.15]	6.12 [155.44]

DRAWING REVISION D	REVISION BY JJB	DATE 10-20-2014
ECO ECO-0058964	APPROVED BY	DATE
ECO DESCRIPTION UPDATE TO CURRENT STANDARDS		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:
 DEC. INCH mm ANGLE
 .X ±0.1 [±2.5] ±0.5°
 .XX ±0.01 [±0.25]
 .XXX ±0.005 [±0.127]
 .XXXX ±0.0005 [±0.0127]
 REMOVE BURRS & BREAK SHARP
 EDGES: .003/.015 [0.076/.381]
 CORNER FILLETS: .02 [0.51]
 MACHINED SURFACES: 125 3.2
 INCH mm
 mm SHOWN IN [BRACKETS]

DRAWN BY KL	DATE 10-06-1997
APPROVED BY DJK	DATE 10-06-1997
REFERENCE	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION 360T FR. - TEFC - HS35 ENCODER - TAPPED LEAD HOLE	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS516278
SHEET 1 OF 1	

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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