

PRODUCT INFORMATION PACKET

Model No: 365TTDS7383

Catalog No: Y209

Other Purpose Motor, 40 HP, 3 Ph, 60 Hz, 460/796 V, 1200 RPM, 365T Frame, DP



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

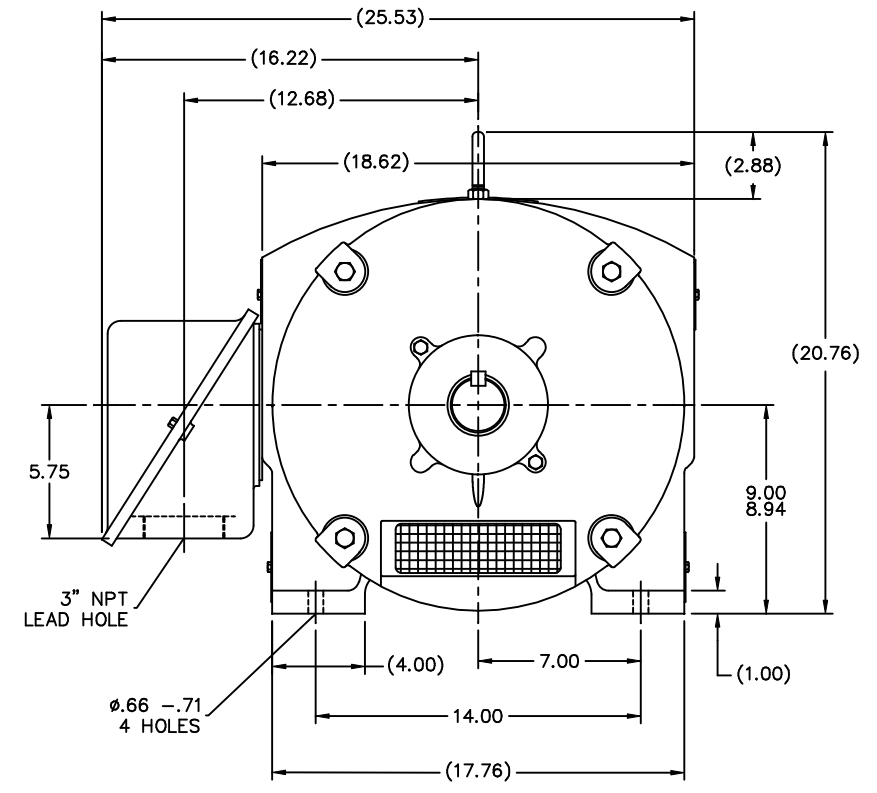
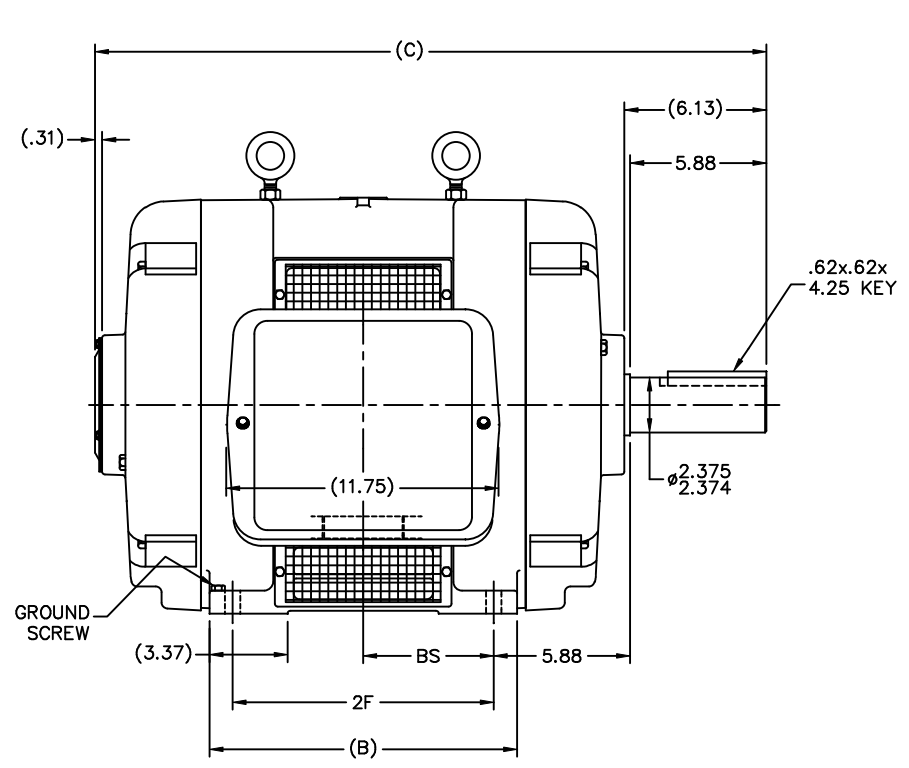
Nameplate Specifications

Output HP	40 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	460/796 V
Current	48.0/27.7 A	Speed	1120 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	88
Duty	Oil Well	Insulation Class	F
Design Code	D	KVA Code	H
Frame	365T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	No	CSA	N
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.22 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	29.93 in
Frame Length	15.00 in	Shaft Diameter	2.375 in
Shaft Extension	5.88 in	Assembly/Box Mounting	F2/F1 Capable
Connection Drawing	A-EE7304H	Outline Drawing	B-SS513938-1500

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/07/2022



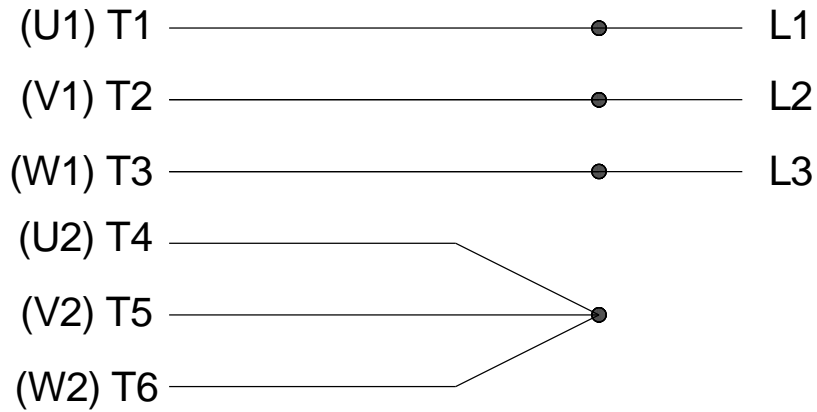
- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

(B-SS509462)

						TOLERANCES UNLESS SPECIFIED				DRAWN DA 02-06-1991		
						DEC.	INCHES			CHK	TB 02-06-1991	
						.X	±.1			APPD	ML 02-06-1991	
3	UPDATED FRAME AND CONDUIT BOX CN 24390					KL	07-12-2005	.XX	±.03	TITLE OUTLINE - GRD. SCREW - SCREENED		SCALE 3=16
2	REDRAWN IN AUTOCAD					TAT	06-13-2005	.XXX	±.005	360T FR. - DR.PR. - OIL WELL DUTY		REF
1	NEW DRAWING CN 13005					DA	02-06-1991	.XXXX	±.0005	MATL		FMF
NO.	REVISION					BY & DATE	CHK	ANG	±7'30"	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 SS513938			SIZE	DRAWING NO. PAGE OF REV.	
						DIST	WA			B	SS513938 3	

DASH	FRAME	B	C	2F	BS
1400	364T	13.25	28.93	11.25	5.62
1500	365T	14.25	29.93	12.25	6.12

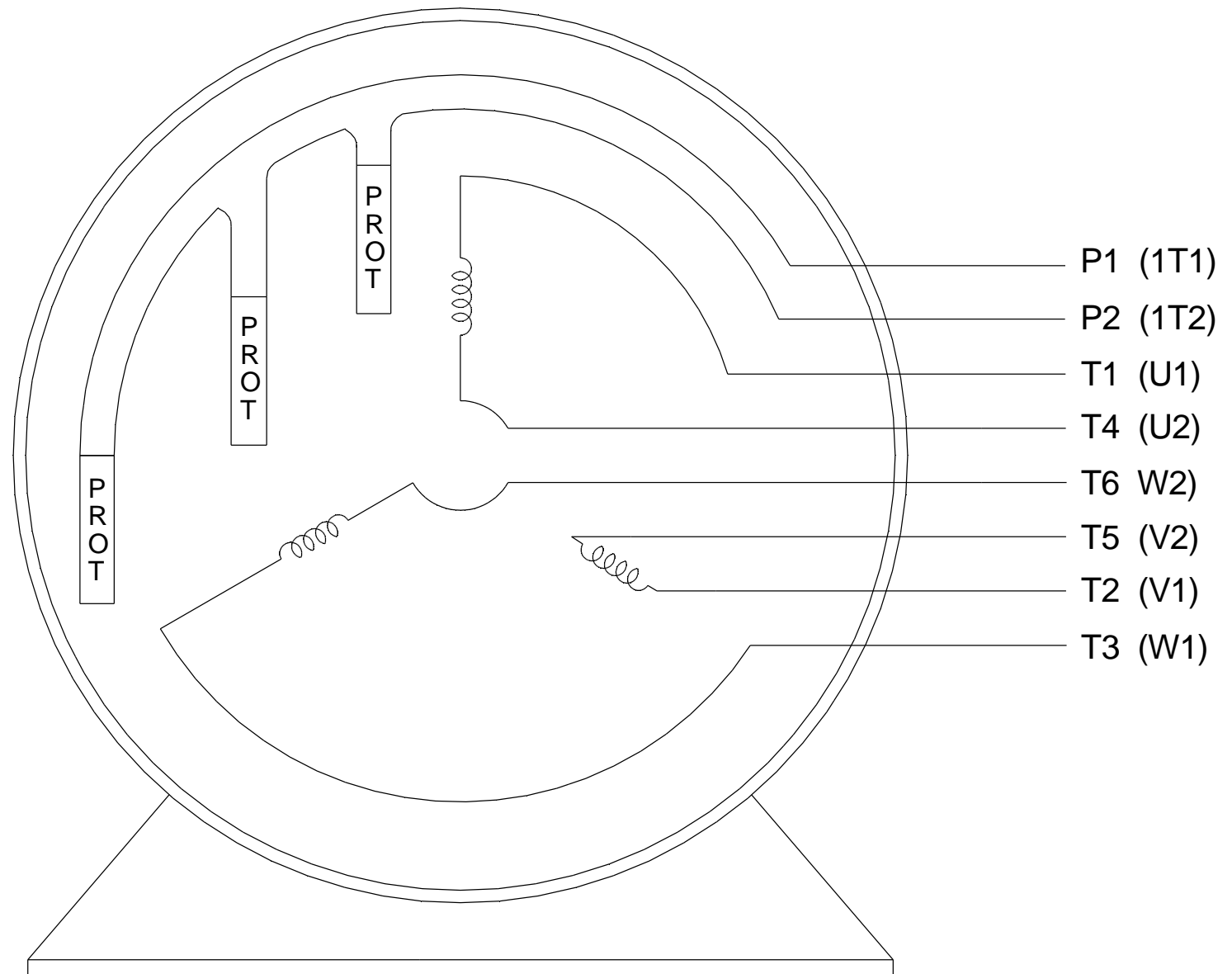
"Y" RUN



"Δ" BOOST



WHEN MORE THAN ONE
PROTECTOR IS USED,
CONNECT IN SERIES



VIEW OF TERMINAL END
3 ∅ DUAL VOLTAGE MOTOR

DRAWING REVISION A	REVISION BY HV	DATE 12-17-2014
ECO ECO-0065198	APPROVED BY EMH	DATE 12-17-2014

ECO DESCRIPTION
REDRAWN IN SOLIDWORKS, REMOVED GRND. NOTE

COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED.
PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF
REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY
INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED,
BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED
TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT
AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL
BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN
RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.

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 [.076/.381]
CORNER FILLETS: .02 [.51]
MACHINED SURFACES: 125/3.2
INCH/mm

mm SHOWN IN [BRACKETS]

DRAWN BY BLR	DATE 03-07-1998
APPROVED BY ML	DATE 03-23-1998
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL DUAL VOLTAGE - 3 PHASE - 6 LEAD DELTA - Y	
MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7304H
SHEET 1 OF 1	

Data Sheet

Date: 29-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



365TTDS7383

Submittal

Data @ 460 V

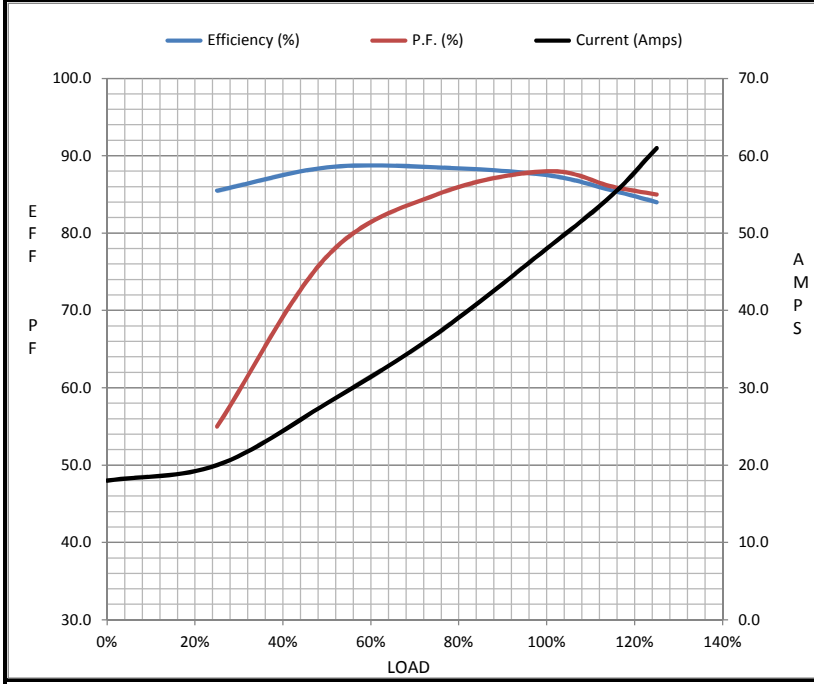
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	18.0	20.0	28.0	37.0	48.0	55.0	61.0	330
Torque (ft-lb)	0.00	44.0	90.0	137	187	215	239	618
RPM	1200	1180	1160	1140	1120	1,105	1090	0
Efficiency (%)		85.5	88.5	88.5	87.5	85.5	84.0	
P.F. (%)	9.0	55.0	77.0	85.0	88.0	86.0	85.0	56.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	614	1104	1120	1200
Current (Amps)	330	247	215	48.0	18.0
Torque (ft-lb)	618	663	625	187	0.00

Information Block				
HP	40.0			
Sync. RPM	1200			
Frame	365			
Enclosure	DP			
Construction	TDS			
Voltage	460/796 V			
Frequency	60 Hz			
Design	A			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	75 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	18.0 Lb-Ft ²			
Ref Wdg	T365648 NONE			
Sound Pressure @ 1M	69 dBA			
VFD Rating	NONE			
Outline Dwg	B-SS513938-1500			
Conn. Diag	A-EE7304H			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.1510	0.3520	0.5500	0.3870	15.0800



Speed - Torque Curve

