PRODUCT INFORMATION PACKET

Model No: 364TTGS17205
Catalog No: 364TTGS17205
40,1800/1200,EPFC,364TC,3/60/460

*Regal*Rexnord

Nameplate Specifications

Output HP	40,17.80 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	460 V
Current	49,25.5 A	Speed	1780,1185 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	2VT	KVA Code	H
Frame	364TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6312
UL	No	CSA	N
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3C	Number of Speeds	2

Technical Specifications

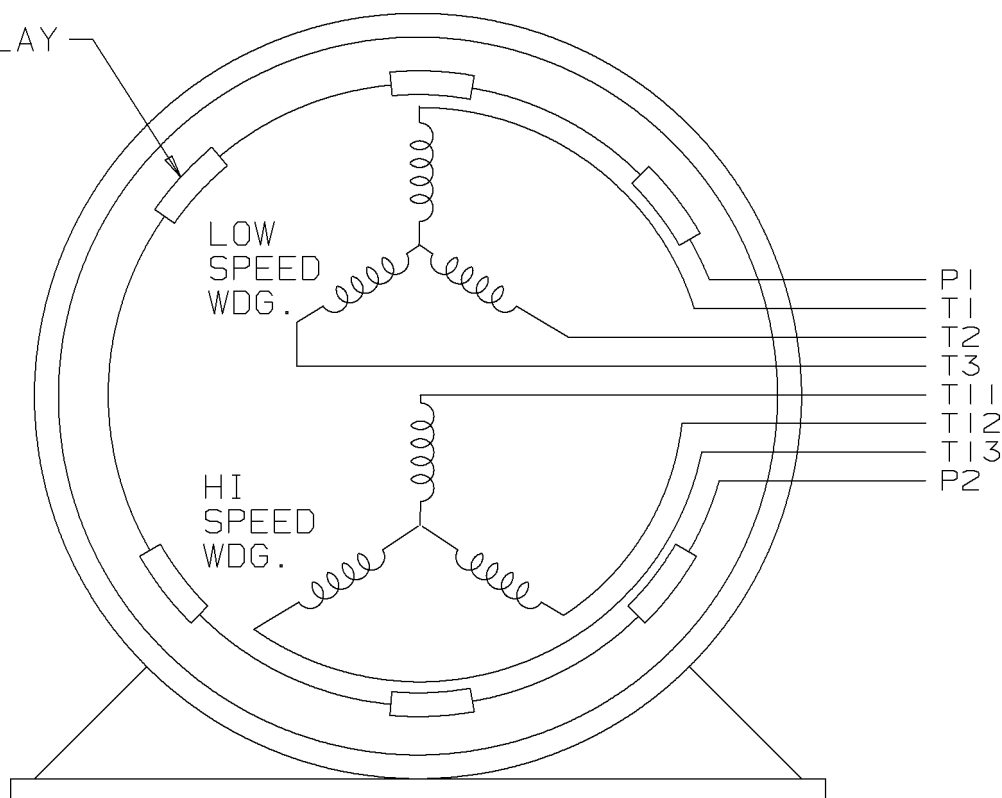|			
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//6	Rotation	Reversible
Resistance Main	.215 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Outline Drawing	B-SS518570-1350	Connection Drawing	A-EE7317H

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/13/2022

.25
.29
[6.35]
[7.37]

.625x.625x4.25
[15.875x15.875
x107.95] KEY

⌀ 13.01
[330.39]

⌀ 12.500
12.495
[317.500]
[317.373]

⌀ 2.375
2.374
[60.325]
[60.300]

↗ .007[.178] A

.25
[6.38]

↗ .007[.178] A

(C)

(AG)

5.62
[142.85]

VOL. 550 CU. IN.

14.50
[368.30]

3.25
[82.42]

BS

2F

(B)

5.88
[149.29]

30.74
[780.90]

20.62
[523.85]

14.63
[371.48]

20.24
[514.10]

3.10
[78.79]

45°

45°

⌀ 11.015
10.985
[279.781]
[279.019]

22.07
[560.63]

9.00
8.94
[228.60]
[227.08]

5.38
[136.65]

2.5" NPT
LEAD HOLE

5/8-11UNC-2B
1.00[25.40] FULL THD.
8 HOLES

⌀.66-.71
[16.76-18.03]
4 HOLES

4.00
[101.60]

7.00
[177.80]

14.00
[355.60]

17.76
[451.10]

1.10
[27.94]

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

DASH	FRAME	B	C	AG	2F	BS
1350	364TC	13.25 [336.55]	31.50 [800.10]	25.88 [657.35]	11.25 [285.75]	5.62 [142.75]
1450	365TC	14.25 [361.95]	32.50 [825.50]	26.88 [682.75]	12.25 [311.15]	6.12 [155.45]

DRAWING REVISION	REVISION BY	DATE
D	AJW	10-13-2014
ECO	APPROVED BY	DATE
ECO-0062463	JHA	10-13-2014

ECO DESCRIPTION
UPDATED TO CURRENT STANDARDS

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		
KL		
DATE		
07-03-2001		
APPROVED BY		
JES		
DATE		
07-03-2001		
REFERENCE		

REGAL ™ Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
360TC FR.-EXP. PR-C'FACE

MATERIAL

PROCESS/FINISH

THIRD ANGLE
PROJECTION

SIZE B

DRAWING NUMBER
SS518570

SHEET
1 OF 1

P1 & P2 TO THERMAL RELAY CIRCUIT

THERMAL RELAY

HIGH SPEED CONNECTION:
CONNECT T11 TO LINE 1
CONNECT T12 TO LINE 2
CONNECT T13 TO LINE 3
T1 - T2 - T3 - OPEN

LOW
SPEED
WDG.

HI
SPEED
WDG.

P1
T1
T2
T3
T11
T12
T13
P2

LOW SPEED CONNECTION:
CONNECT T1 TO LINE 1
CONNECT T2 TO LINE 2
CONNECT T3 TO LINE 3
T11 - T12 - T13 OPEN

VIEW OF TERMINAL END

				√ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±			
				MATL SPEC		DRAWN BY LZ	01-06-1994
					MARATHON ELECTRIC	CHKD BY ML	01-20-1994
3	01-24-1994	REDRAWN TO CADD, NO CHANGE	LZ	FINISH		APPD BY GK	01-20-1994
				REFERENCE DRW.	WAUSAU, WISCONSIN 54401		
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM 2 WDG. - 2 SPEED		DRWG NO A- EE7317H	
		SHOP BOOK PURCHASED		DISTRIBUTION - WA - LB - WP - LM - BR	CADD FILE NO. EE7317H		