

PRODUCT INFORMATION PACKET



Model No: EX132360.00

Catalog No: EX132360.00

EX132360.00..3.0/2.0HP..1760/1470RPM.182TZ.TEFC.208-230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.R
IGID.....

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Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1760 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	182TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8-8.6/4.3 & 7.8/3.9 A	Power Factor	74
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	4.4 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 10:1		
Outline Drawing	608-0007	Connection Drawing	005010.01

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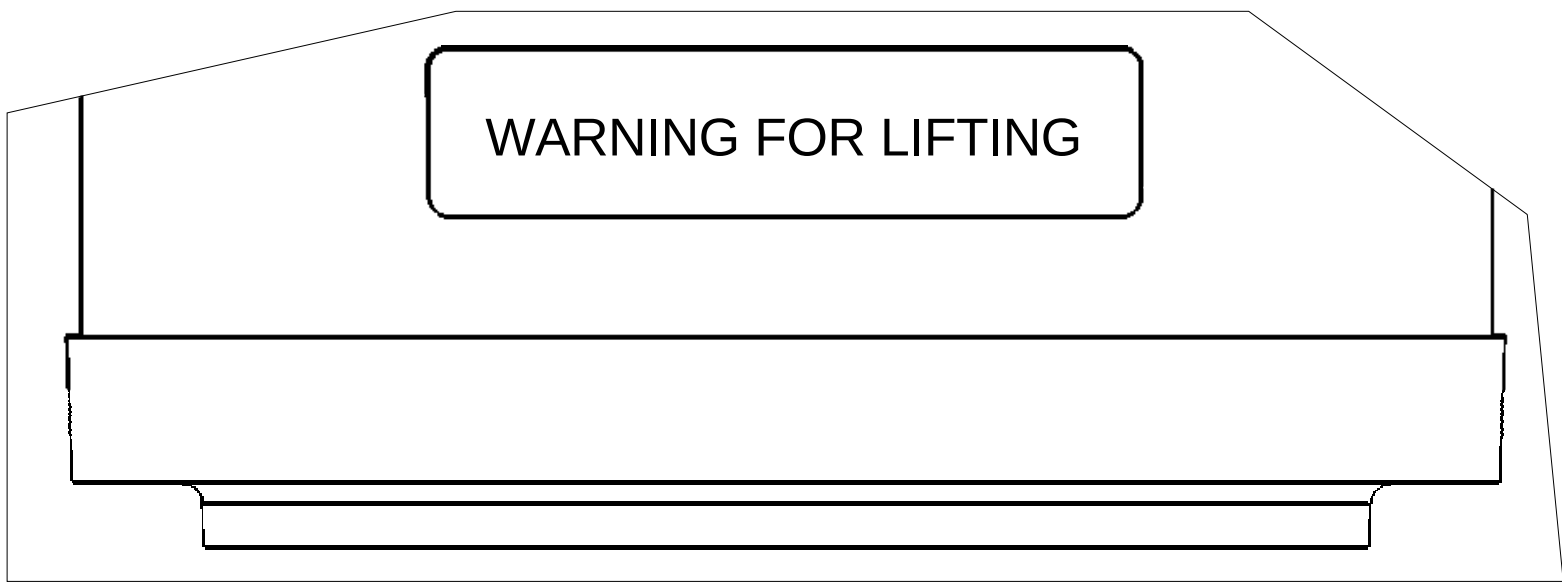
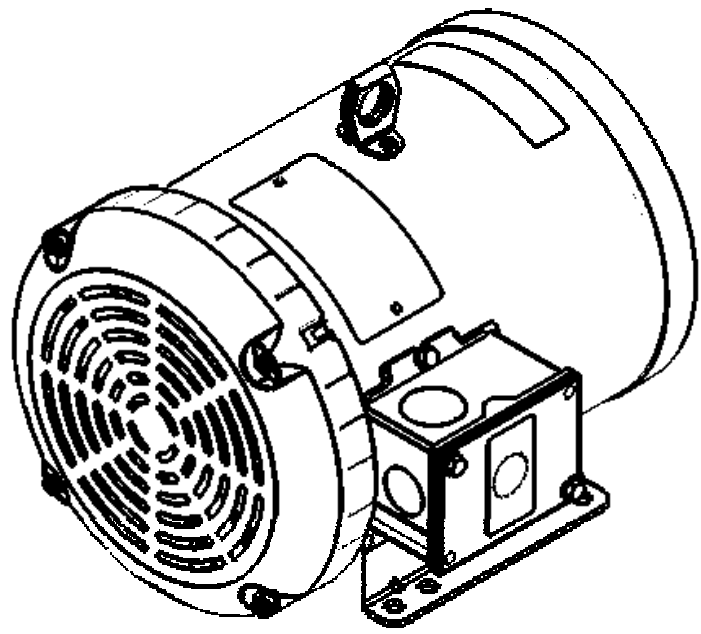
4

3

2

1

PART NUMBER	ORACLE PART REV.	EDGE PART REV.
608-0007	01	B



B

B

A

A

INTERNAL INVOLUTE SPLINE FLAT ROOT SIDE FIT - CLASS 5 FIT	
NO. OF TEETH	13
SPLINE PITCH	16/32
PRESSURE ANGLE	30°
BASE DIAMETER	.7036 [17.8714] REF.
PITCH DIAMETER	.8125 [20.6375]
MAJOR DIAMETER	.897 [22.784] MAX
FORM DIAMETER	.879 [22.327]
MINOR DIAMETER	.755/.750 [19.177/19.050]
CIRCULAR SPACE WIDTH	
MAXIMUM ACTUAL	.1008 [2.5603]
MINIMUM EFFECTIVE	.0982 [2.4943]
SIZE BETWEEN ϕ .108[2.743] PINS	BHT .654/.656 [16.612/16.662] AHT .652/.654 [16.561/16.612]
ANSI B92.1-1996 PROVISIONS APPLY	

(3) ϕ 1.13 [28.70]
KNOCKOUTS

DASH NO	"C"	"AD"
900	12.17	8.95
1000	13.17	9.95

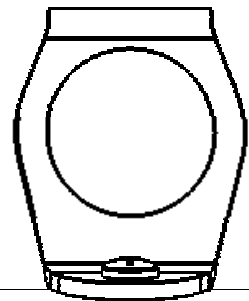
12.17
[309.03]

8.95
[227.43]

ϕ 9.22
[234.19]

NAMEPLATE

WARNING
DECAL



ϕ 8.40
[213.23]

.38
[9.65]

.06
[1.52]

ϕ 4.005
4.001
[101.727
101.625]

1.50
[38.10]
FULL SPLINE

.442
[11.23]

GASKETS THROUGHOUT
MAXIMUM SPLINE PITCH DIAMETER RUNOUT TO BE .004 [.102] T.I.R.

DRAWING REVISION	REVISION BY	DATE
C	SS	03/22/16
ECO	APPROVED BY	DATE
ECO-0098710	SS	03/22/16
ECO DESCRIPTION		
TABLE ADDED		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	$\pm$ 0.1	[$\pm$ 2.5]	$\pm$ 0.5°
.XX	$\pm$ 0.03	[$\pm$ 0.76]	
.XXX	$\pm$ 0.005	[$\pm$ 0.127]	
.XXXX	$\pm$ 0.0005	[$\pm$ 0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381]			
CORNER FILLETS: .02 [.51]			
MACHINED SURFACES: 125 INCH $\sqrt$ mm $\sqrt$ 3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY	MITCH VERBICK
DATE	2/4/2014
APPROVED BY	
DATE	
PROCESS/FINISH	
THIRD ANGLE PROJECTION	

DRAWN BY MITCH VERBICK			REGAL TM Regal Beloit America, Inc.	
DATE 2/4/2014			DESCRIPTION	
APPROVED BY			OUTLINE 180 FR TEFC SAE B 2-BOLT	
DATE			MATERIAL	
PROCESS/FINISH			MATERIAL	
THIRD ANGLE PROJECTION			SIZE B	DRAWING NUMBER 608-0007
				SHEET 1 OF 1

(4) 1/2-13 UNC-2B X .62[15.75] ∇
ON A ϕ 5.750[146.050] BOLT CIRCLE

6.49
[164.80]

5.32
[135.13]

1.61
[41.00]

8.75
[222.25]

4.50
4.44
[114.30
112.78]

3.75
[95.25]

8.00
[203.20]

8.50
[215.90]

ϕ .43
[10.92]

.134
[3.404]

4

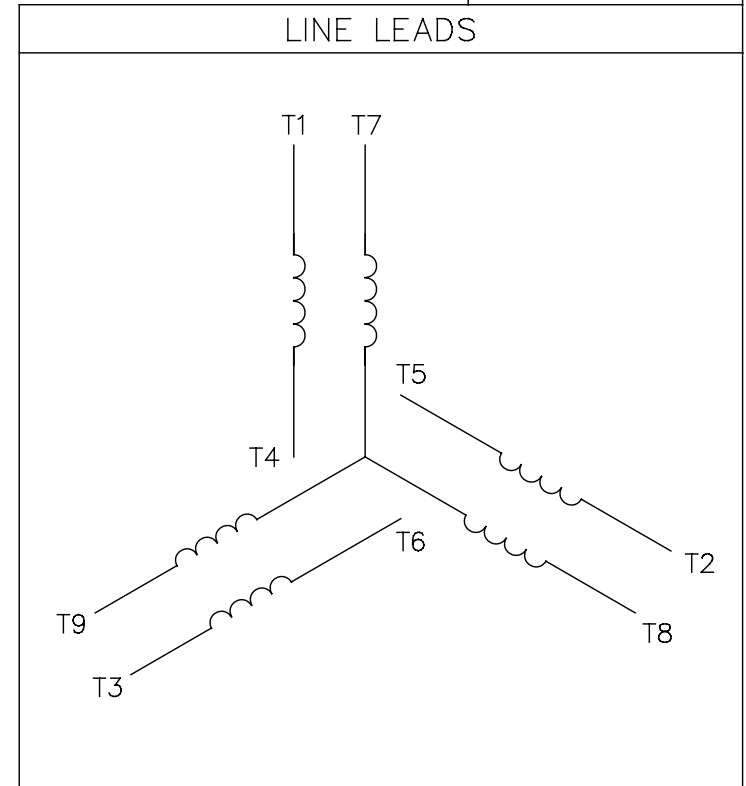
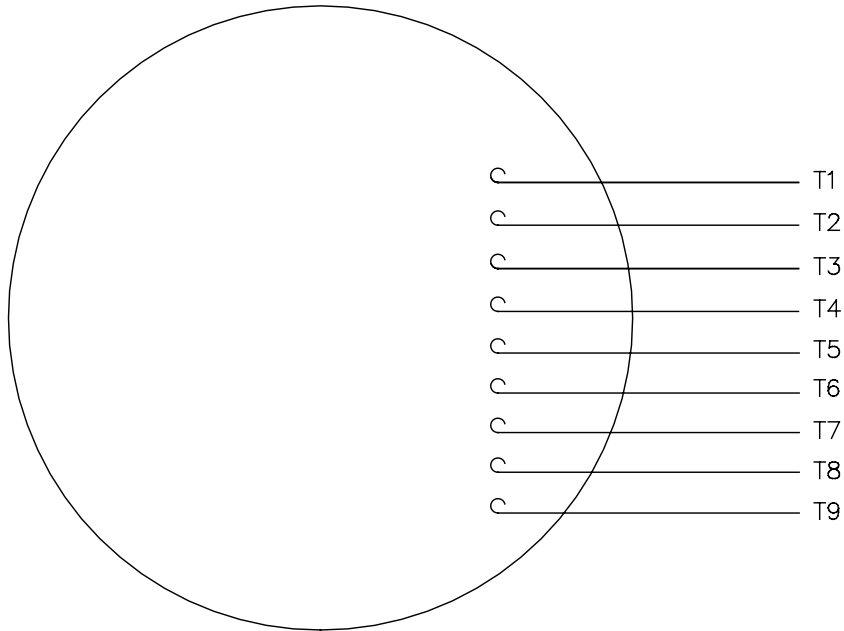
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2

1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.			DRAWN RDW 04/12/02		
				DEC.	INCHES				CHK		
				.X	±.1				APPD		
				.XX	±.01				SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR			REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005				MAT'L DECAL - 004014		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV		
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				DIST BRF-NLV							