

PRODUCT INFORMATION PACKET



Model No: EX132356.00

Catalog No: EX132356.00

EX132356.00..3.0/2.0HP..2510/2920RPM.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	2510 & 2920 rpm	Service Factor	1.15 & 1.15
Frame	182TZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	84 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.9-7.8/3.9 & 6.8/3.4 A	Power Factor	82.7
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6206	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	2	Rotation	Reversible
Resistance Main	3.97 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	608-0003	Connection Drawing	005010.01

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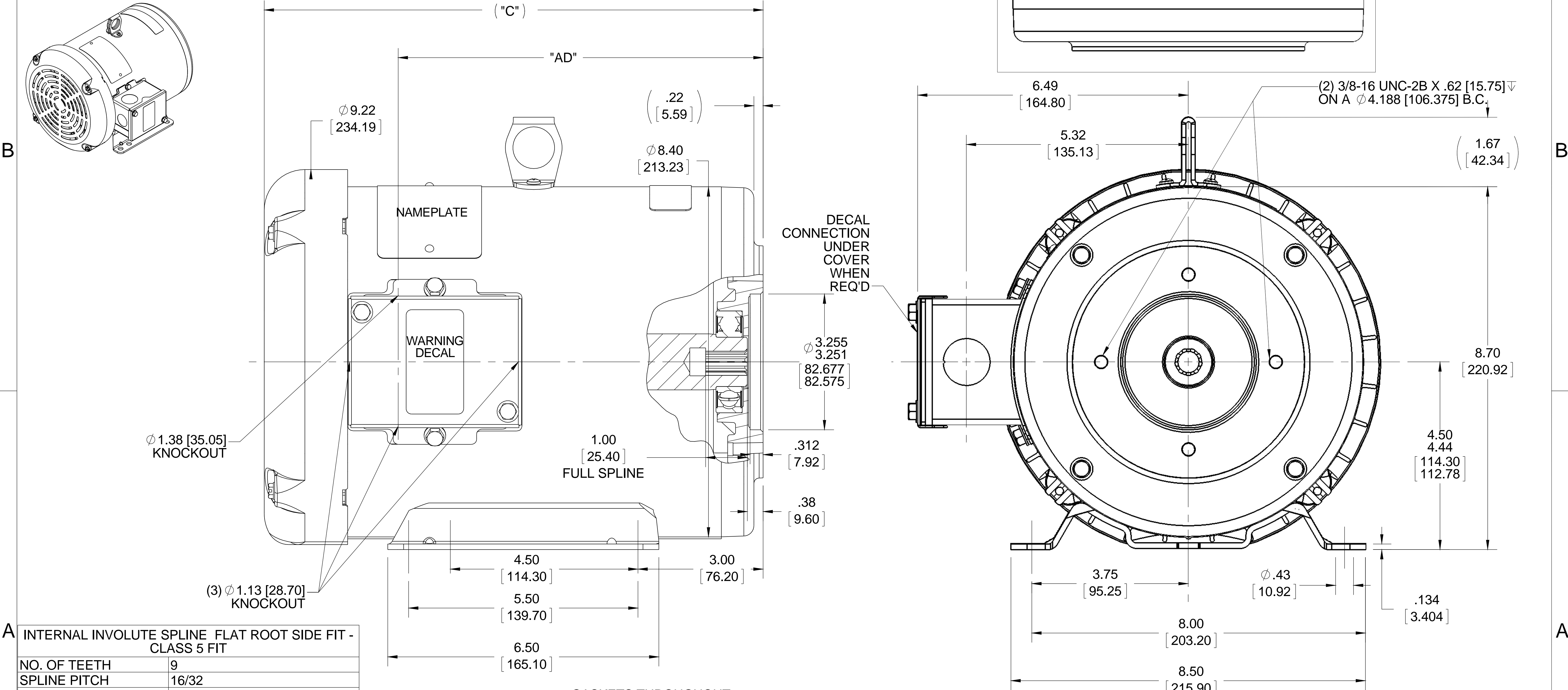
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3

2

1

PART NUMBER	ORACLE PART REV.	EDGE PART REV.
608-0003	01	B



INTERNAL INVOLUTE SPLINE FLAT ROOT SIDE FIT - CLASS 5 FIT	
NO. OF TEETH	9
SPLINE PITCH	16/32
PRESSURE ANGLE	30°
BASE DIAMETER	.4871 [12.3723] REF.
PITCH DIAMETER	.5625 [14.2875] REF.
MAJOR DIAMETER	.651 [16.5354] MAX
FORM DIAMETER	.629 [15.9766]
MINOR DIAMETER	.509/.514 [12.9286/13.0556]
CIRCULAR SPACE WIDTH	
MAXIMUM ACTUAL	.1008 [2.5603]
MINIMUM EFFECTIVE	.0982 [2.4943]
SIZE BETWEEN	BHT .399/.401 [10.135/10.185]
Ø.108[2.743] PINS	AHT .399/.402 [10.135/10.211]
ANSI B92.1-1996 PROVISIONS APPLY	

DASH NO	"C"	"AD"
900	11.96	8.75
1000	12.96	9.75

DRAWING REVISION	REVISION BY	DATE
C	SS	03/21/16
ECO	APPROVED BY	DATE
ECO-0098659	SS	03/21/16
ECO DESCRIPTION		
TABLE ADDED		
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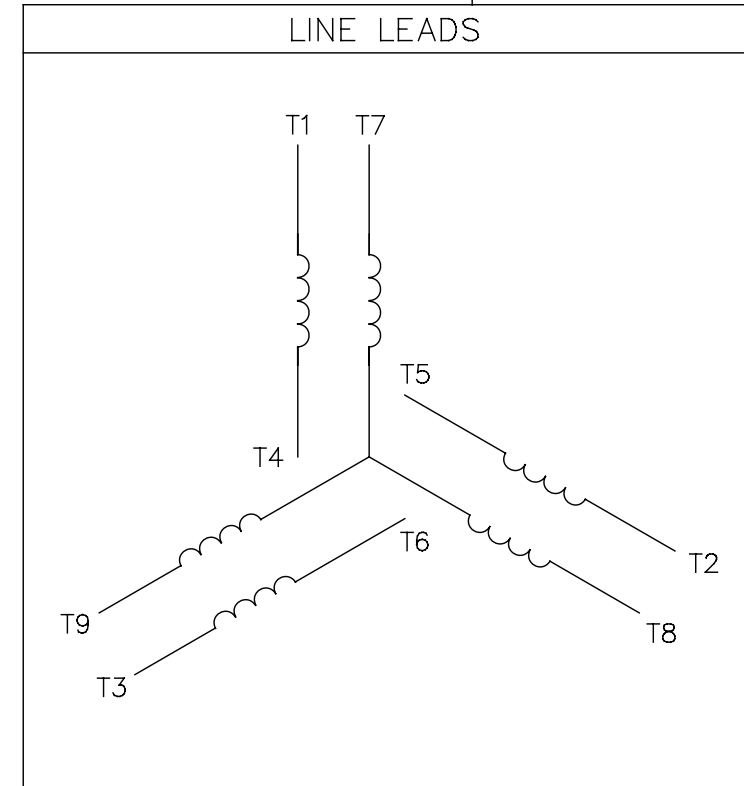
TOLERANCES UNLESS OTHERWISE SPECIFIED:		
DEC.	INCH	mm
.X	± 0.1	[± 2.5]
.XX	± 0.03	[± 0.76]
.XXX	± 0.005	[± 0.127]
.XXXX	± 0.0005	[± 0.0127]
REMOVE BURRS & BREAK SHARP		
EDGES: .003/.015 [0.076/.381]		
CORNER FILLETS: .02 [0.51]		
MACHINED SURFACES: 125 INCH 3.2 mm		
mm SHOWN IN [BRACKETS]		

DRAWN BY	MITCH VERBICK
DATE	1/16/2014
APPROVED BY	
DATE	
PROCESS/FINISH	
THIRD ANGLE PROJECTION	


REGAL™ Regal Beloit America, Inc.	
DESCRIPTION	
OUTLINE 180 FR TEFC SAE A 2-BOLT	
MATERIAL	
SIZE	B
DRAWING NUMBER	608-0003
SHEET	1 OF 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	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV			
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				DIST BRF-NLV				A	005010-01	A