

PRODUCT INFORMATION PACKET



Model No: 131475.00

Catalog No: 131475.00

Definite Purpose Motor, 5 & 1.20 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 184T Frame,
TEFC



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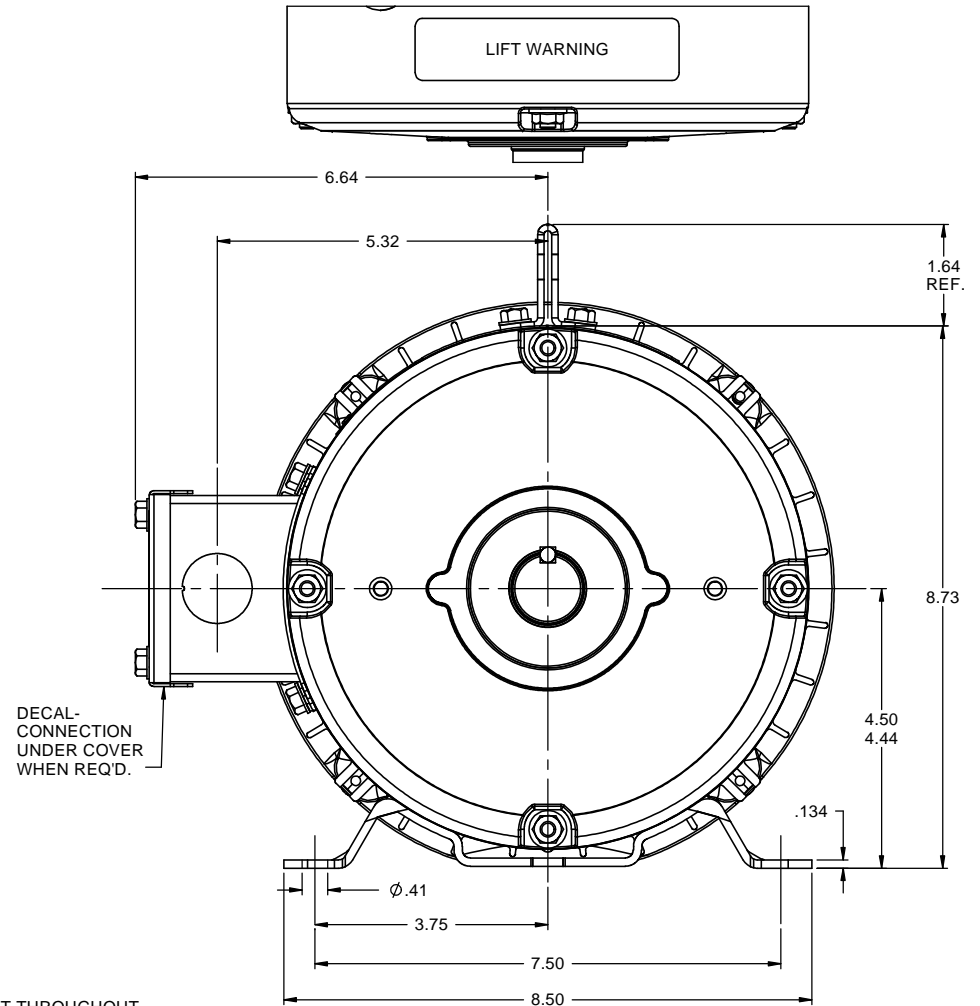
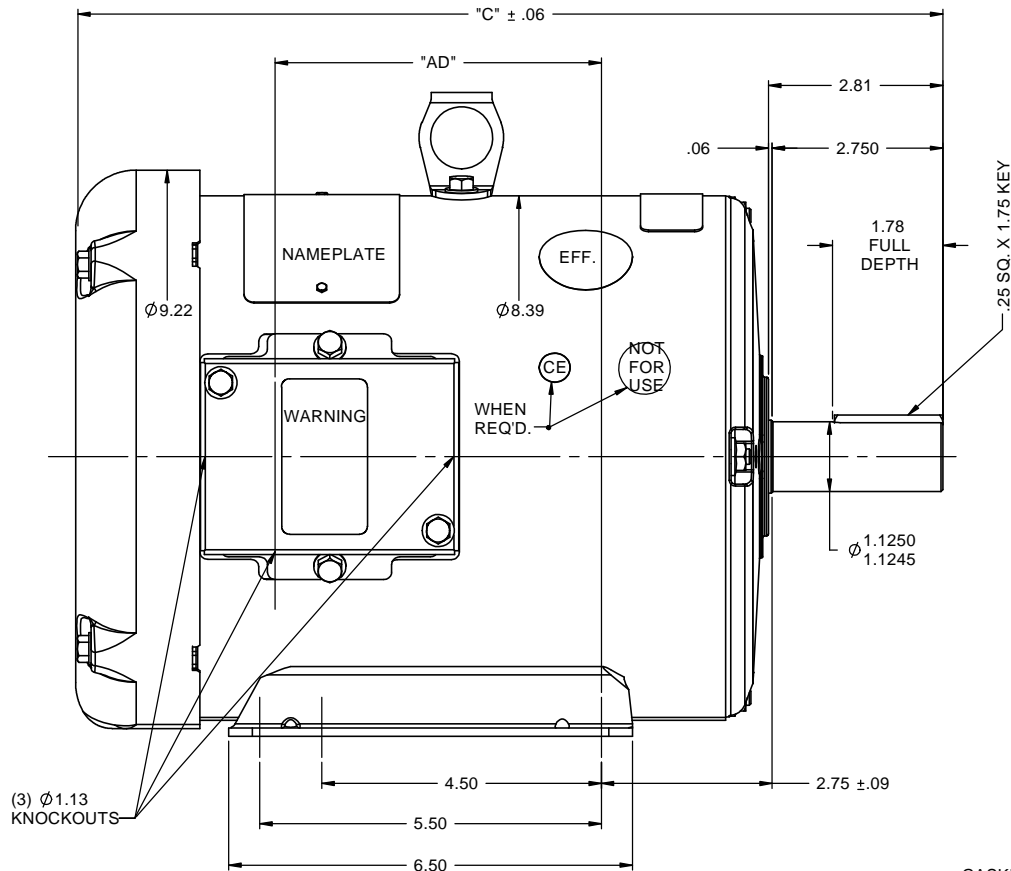
Nameplate Specifications

Phase	3	Output HP	5 & 1.20 Hp
Output KW	3.7 & 0.90 kW	Voltage	460 & 460 V
Speed	1740 & 860 rpm	Service Factor	1.0 & 1.0
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	84 & 75.5 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	6.5 & 2.5 A	Power Factor	87.2
Duty	Continuous	Insulation Class	F
Design Code	1VT	KVA Code	J
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 Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	15.96 in
Frame Length	10.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005200.01	Outline Drawing	035465-1050

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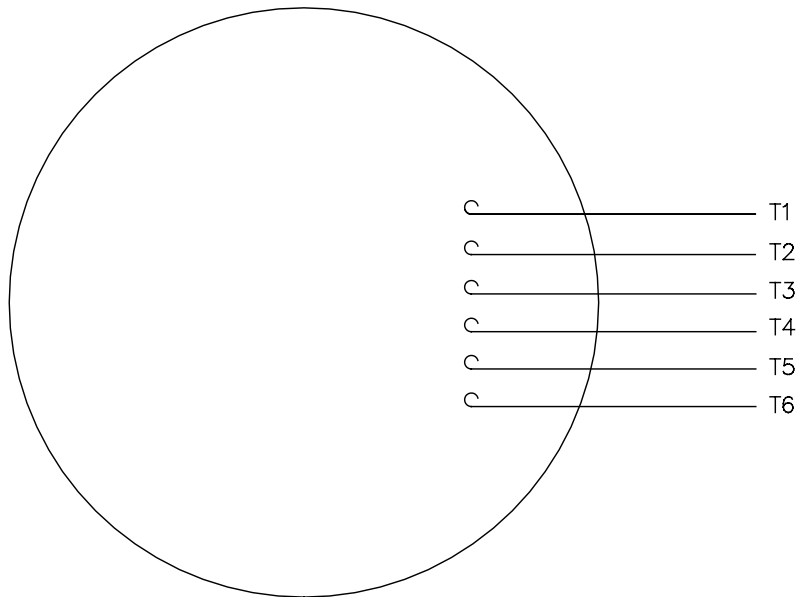


DASH NO.	"C"	"AD"
750	12.96	4.25
800	13.46	4.75
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25

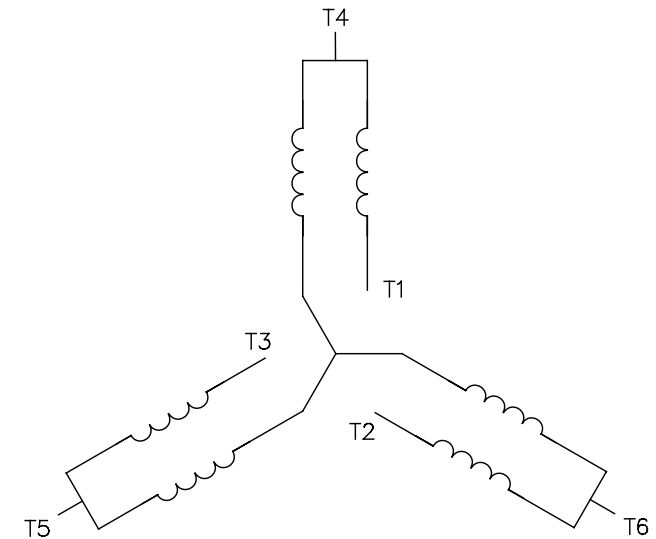
				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN MGM 2/21/03	
				DEC	INCHES		CHK	
				X	$\pm .1$	TITLE OUTLINE - 180T FRAME	APPR	RDW 2/21/03
				XX	$\pm .03$		SCALE	1:2
02	REV TO MATCH ORACLE	LST 8/13/2010	XX	XXX	$\pm .005$	TEFC - RIGID	REF	035450
-	UPDATE & REDRAWN IN SOLIDWORKS	LST 12/10/2009	XX	XXXX	$\pm .0005$	MATL GENERAL PURPOSE	FMF	
NO	REVISION	BY & DATE	CHK	ANG	$\pm 1/2^\circ$	FINISH	PAGE	OF
THIRD ANGLE PROJECTION			RFP				SIZE	DRAWING NO
			PREV				B	035465
			NETWORK FILE NAME 035465					REV
								02

005200-01


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



SPEED	L1	L2	L3	JOIN	SEPARATE
HIGH	T6	T4	T5	(T1,T2,T3)	
LOW	T1	T2	T3		(T4)(T5)(T6)

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<div> Regal Beloit America, Inc.</div>				
				DECIMALS						
				.00	± .01					DRAWN PG 08/08/83
04	SPEED WAS VOLTAGE	EPB	1/17/00	.000	± .005	CH'K'D. DLL 08/09/83				
03	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97	.0000	± .0005	APPR. KG 08/09/83	MAT'L DECAL - 004183/080066 2 SPEED 1 WDG. VARIABLE TORQUE MOTOR			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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				ANGLES	± 1/2°	REF. 080066	FINISH		SIZE A	DRAWING NO. 005200-01
				INCH/MM		FMF 83648D1				

Data Sheet

Date: 1/31/2018

131475.00



Data @ 460 V

Motor Load Data

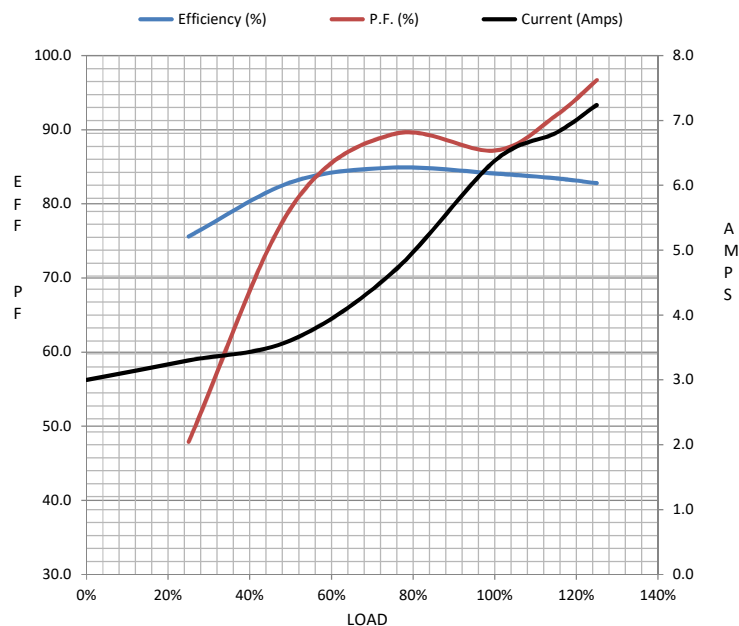
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	3.0	3.3	3.6	4.7	6.4	6.8	7.2	53.0	
Torque (ft-lb)	0.00	3.8	7.5	11.3	15.0	16.9	18.8	42.1	
RPM	1800	1788	1777	1764	1750	1,744	1735	0	
Efficiency (%)		75.6	82.9	84.9	84.1	83.5	82.8		
P.F. (%)	0.0	47.9	79.4	89.4	87.2	92.0	96.7	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1750	1800
Current (Amps)	53.0	48.8	31.8	6.4	3.0
Torque (ft-lb)	42.1	34.7	48.3	15.0	0.00

Information Block

HP	5.0			
Sync. RPM	1800			
Frame	0			
Enclosure	TEFC			
Construction	NA			
Voltage	460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	0 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk²	-1.00 Lb-Ft²			
Ref Wdg	T8(4-8)8 FR			
Sound Pressure @ 1M	0 dBA			
VFD Rating	NONE			
Outline Dwg	035465-1050			
Conn. Diag	005200.01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

