PRODUCT INFORMATION PACKET

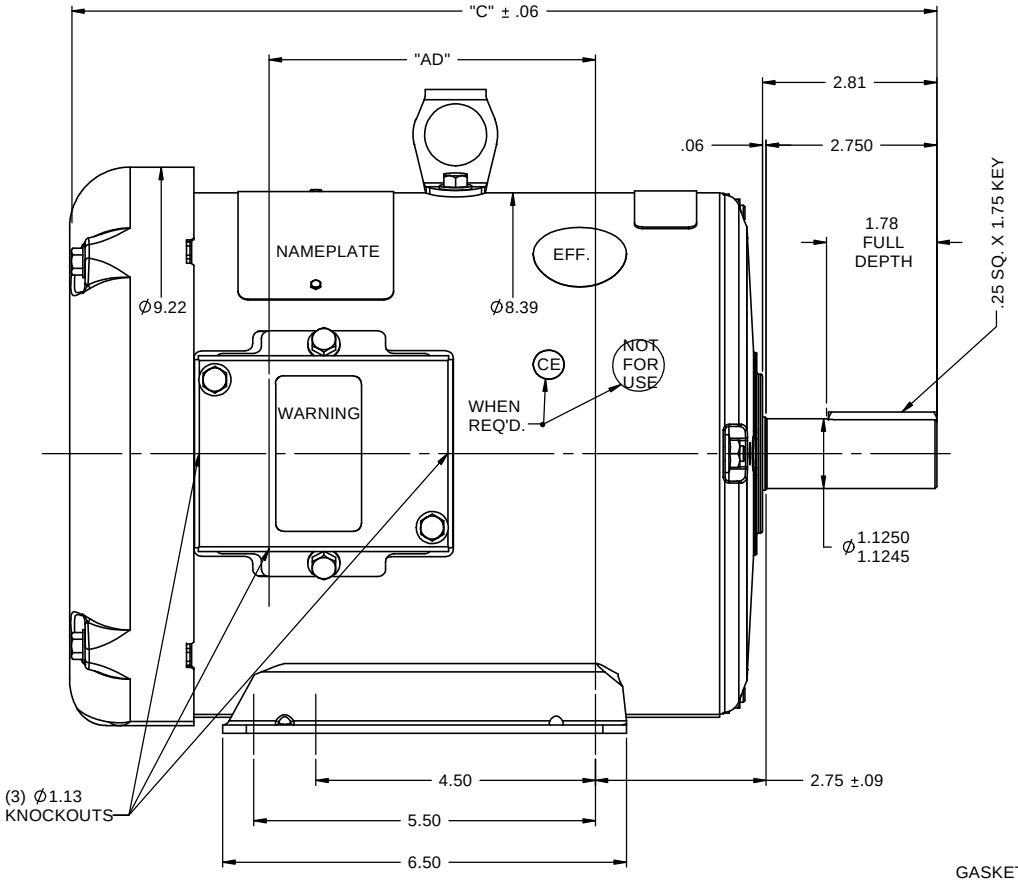
Model No: 131475.00
Catalog No: 131475.00
Definite Purpose Motor, 5 & 1.20 HP, 3 Ph, 60 & 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 184T Frame, TEFC

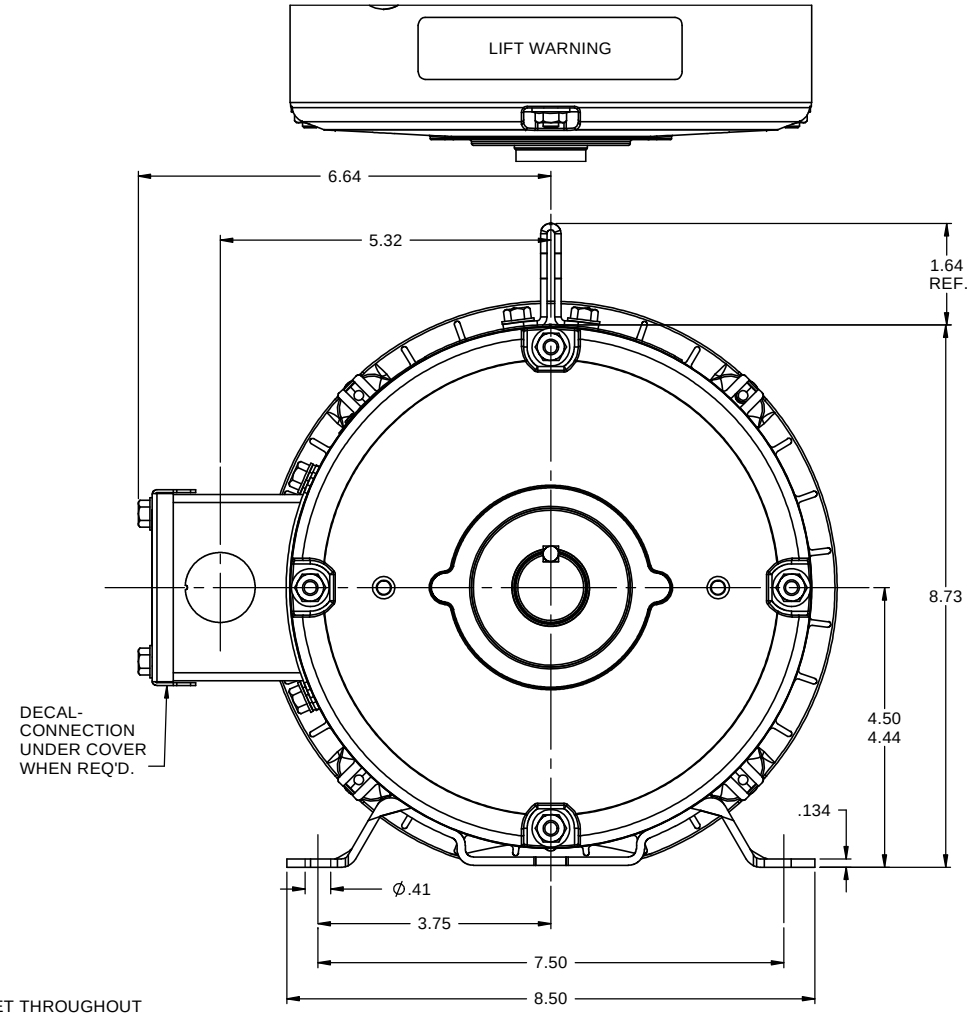
Nameplate Specifications

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





GASKET THROUGHOUT

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

NO	REVISION	BY & DATE	CHK
02	REV TO MATCH ORACLE	LST 8/13/2010	XX
-	UPDATE & REDRAWN IN SOLIDWORKS	LST 12/10/2009	XX

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.03
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

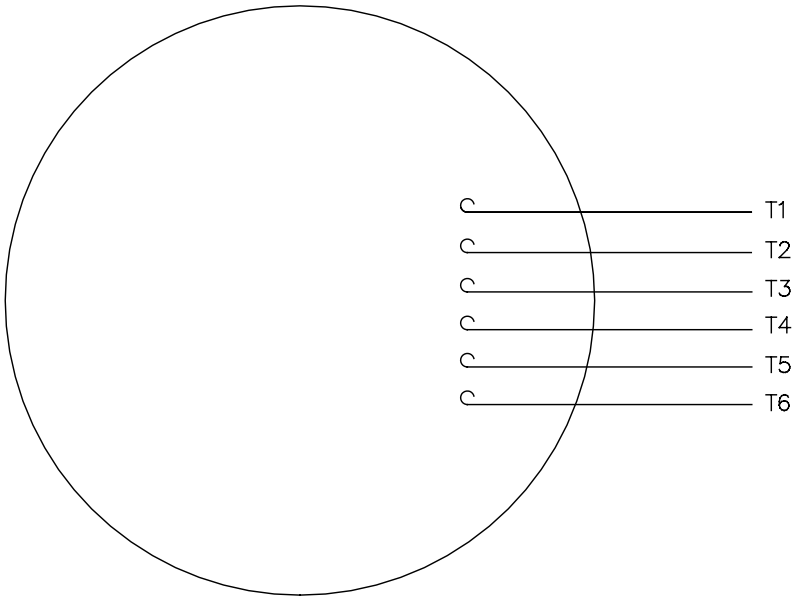
REGAL-BELOIT CORPORATION

DRAWN	MGM 2/21/03
CHK	
APPR	RDW 2/21/03
SCALE	1:2
REF	035450
FMF	
PAGE	OF
TITLE	OUTLINE - 180T FRAME TEFC - RIGID
MAT'L	GENERAL PURPOSE
FINISH	
RFP	
PREV	
NETWORK FILE NAME	035465
SIZE	B
DRAWING NO	035465
REV	02

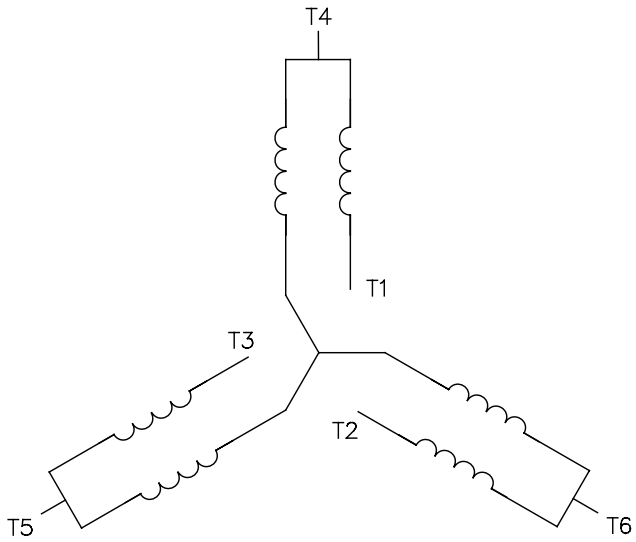
THIRD ANGLE PROJECTION

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)

NO.	REVISION	BY	DATE
04	SPEED WAS VOLTAGE	EPB	1/17/00
03	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97

TOLERANCES UNLESS OTHERWISE SPECIFIED

DECIMALS

.00	± .01
.000	± .005
.0000	± .0005
FRACTIONS	± 1/64
ANGLES	± 1/2°
INCH/MM	

DRAWN PG 08/08/83
CH'K'D. DLL 08/09/83
APPR. KG 08/09/83
SCALE 1=1
REF. 080066
FMF 83648D1

REGAL™ Regal Beloit America, Inc.

TITLE: EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR

MAT'L.: DECAL – 004183/080066 2 SPEED 1 WDG. VARIABLE TORQUE MOTOR

FINISH

SIZE: A

DRAWING NO.: 005200-01

Data Sheet

Date: 1/31/2018

131475.00

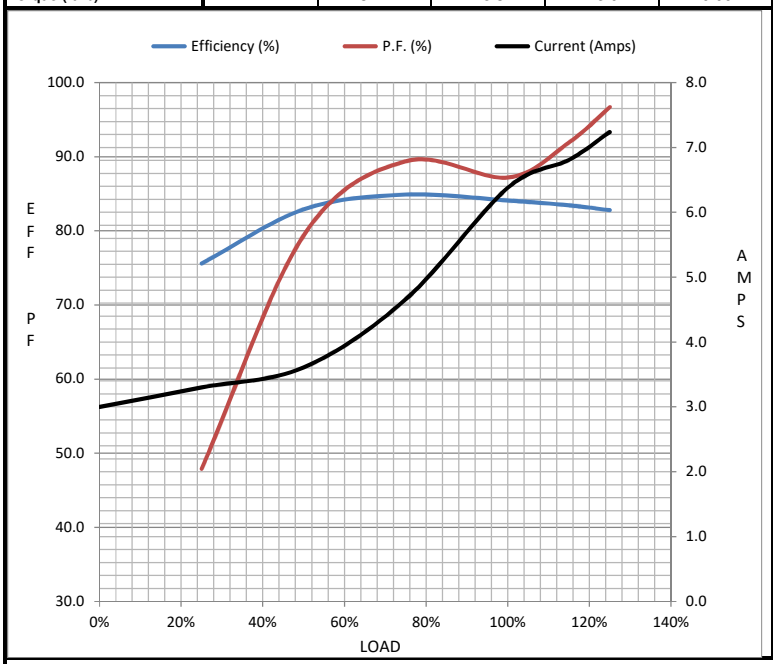
Data @ 460 V

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