PRODUCT INFORMATION PACKET

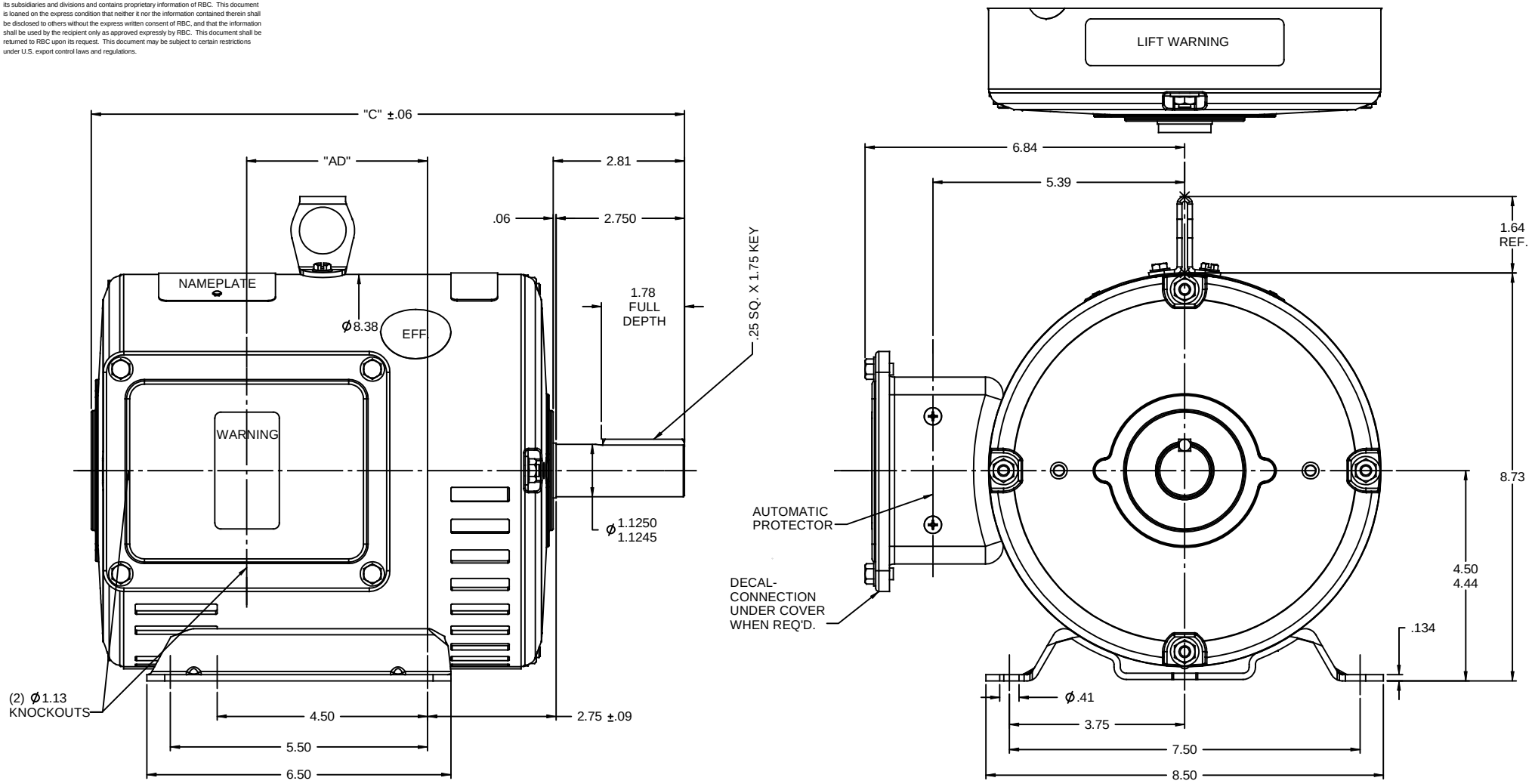
Model No: U182T17DB61A
Catalog No: 132234.00
..3HP..1760RPM.182T.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.U182T17DB61.....Automatic.....
Open Drip Proof (ODP)

Nameplate Specifications

Output HP	**3 Hp**	Output KW	**2.2 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**8.0/4.0 A**	Speed	**1760 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**89.5 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**K**	Frame	**182T**
Enclosure	**Drip Proof**	Overload Protector	**Automatic**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Rolled Steel**	Shaft Type	**T**
Overall Length	**13.19 in**	Frame Length	**9.00 in**
Shaft Diameter	**1.125 in**	Shaft Extension	**2.75 in**
Assembly/Box Mounting	**F1/F2 CAPABLE**		
Outline Drawing	**035468-900**	Connection Diagram	**005020.02**



GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
850	12.69	3.88
900	13.19	4.38
950	13.69	4.88
1000	14.19	5.38
1050	14.69	5.88
1100	15.19	6.38
1150	15.69	6.88

NO	REVISION	BY & DATE	CHK
-	UPDATED & REDRAWN IN SOLIDWORKS	LST 12/23/2009	XX

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

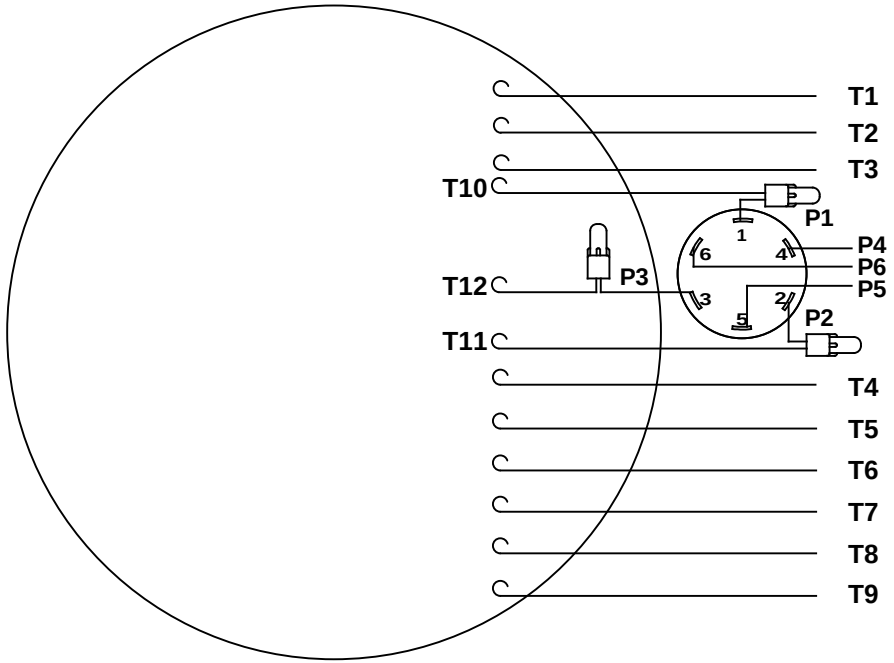
THIRD ANGLE PROJECTION

REGAL-BELOIT CORPORATION

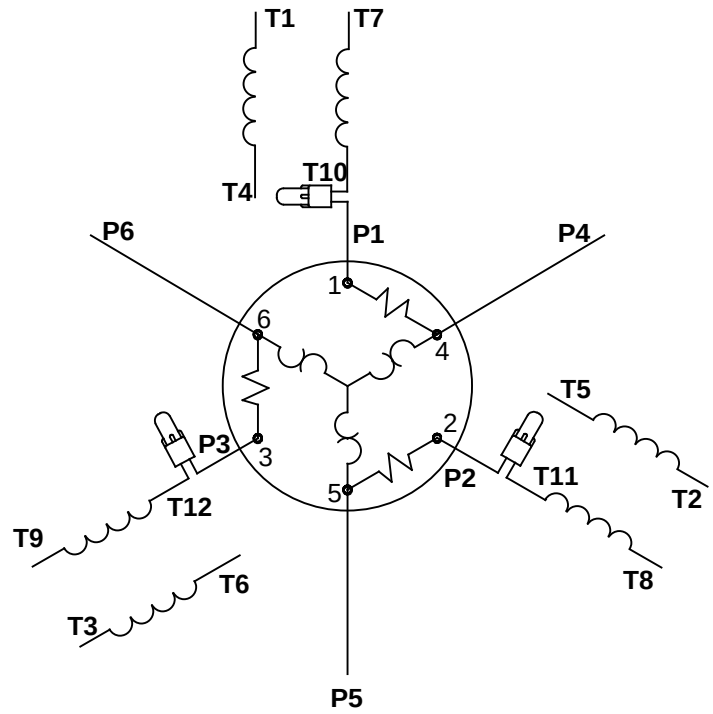
DRAWN RDW 2/28/03
CHK
APPR SW 2/28/03
TITLE OUTLINE - 180T FRAME
DRIP PROOF - RIGID
SCALE 1:2
REF 035464
MAT'L GENERAL PURPOSE
FMF
FINISH
PAGE OF
RFP
PREV
NETWORK FILE NAME
SIZE B
DRAWING NO 035468
REV -

12/23/2009 11:49:16 AM

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN	SEPARATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)	(P4) (P5) (P6)
LOW	T1,T7	T2,T8	T3,T9	(T4,P4) (T5,P5) (T6,P6)	

NO	REVISION	BY & DATE	CHK
02	ADDED REV TO AGREE WITH ORACLE	ARV 4/26/2011	KH

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.01
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

THIRD ANGLE PROJECTION

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE EXTERNAL WIRING DIAGRAM
TYPE "T" W/PROTECTOR

MAT'L DECAL - 004023-01
FINISH

RFP
PREV
NETWORK FILE NAME 00502002

DRAWN VJB 02/18/11
CHK
APPR
SCALE 1:1
REF
FMF
PAGE OF

SIZE A
DRAWING NO 005020-02
REV 02

4/26/2011 5:07:39 PM

Data Sheet

Date: 1/31/2018

LEESON

132234.00

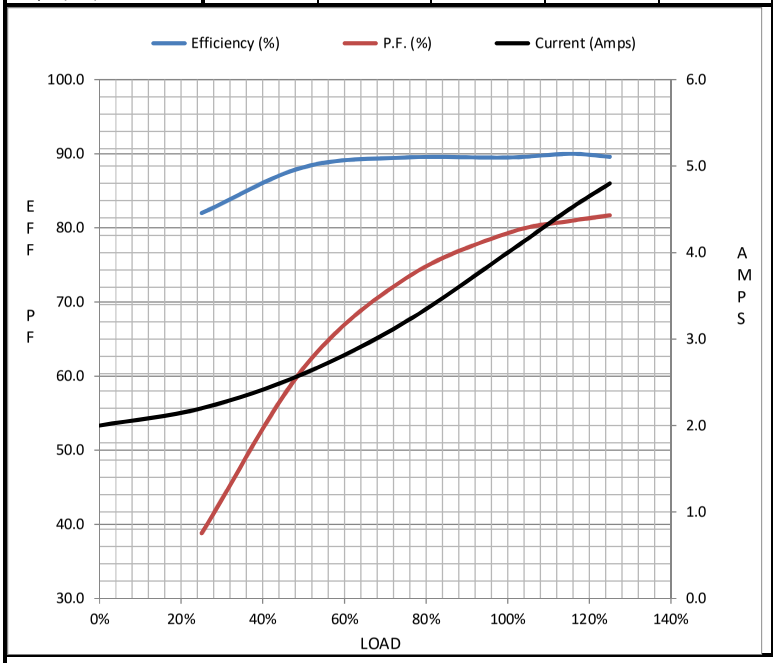
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	2.00	2.20	2.60	3.2	4.0	4.5	4.8	34.2	
Torque (ft-lb)	0.00	2.19	4.4	6.6	8.9	10.3	11.2	22.0	
RPM	1800	1790	1779	1767	1760	1,752	1745	0	
Efficiency (%)		82.0	88.2	89.5	89.5	90.0	89.6		
P.F. (%)	6.9	38.8	61.1	73.2	79.3	80.9	81.7	50.5	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	330	1500	1760	1800
Current (Amps)	34.2	33.5	22.0	4.0	2.00
Torque (ft-lb)	22.0	14.8	35.8	8.9	0.00



Information Block

HP	3.0	
Sync. RPM	1800	
Frame	182	
Enclosure	DP	
Construction	TDW	
Voltage	230/460#190/380	V
Frequency	60	Hz
Design	B	
LR Code letter	K	
Service Factor	1.15	
Temp Rise @ FL	31	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.36	Lb-Ft²
Ref Wdg	T84173 DR	
Sound Pressure @ 1M	51	dBA
VFD Rating	NONE	
Outline Dwg	035468-900	
Conn. Diag	005020.02	
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