PRODUCT INFORMATION PACKET

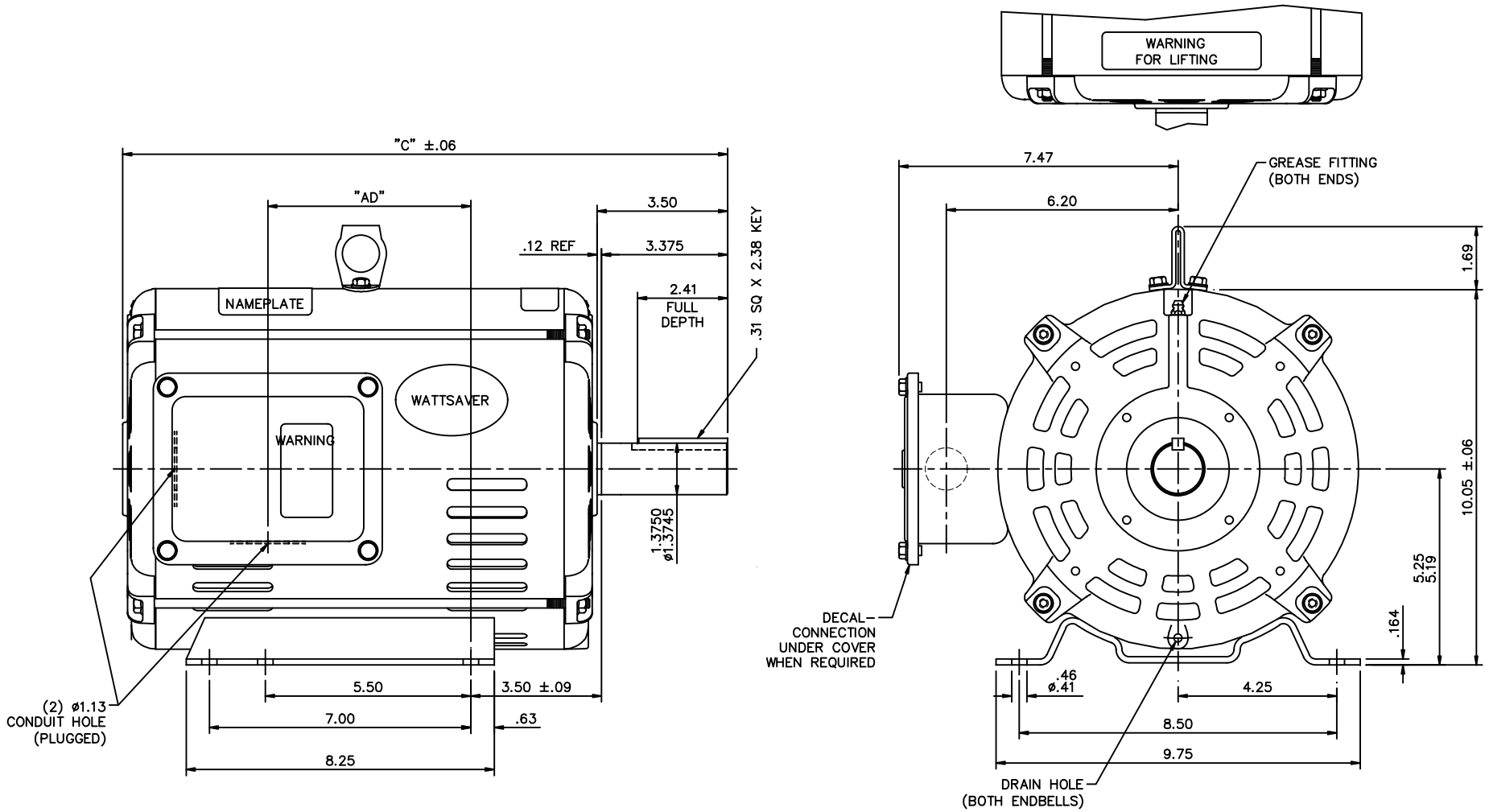
Model No: C215T17DB15F
Catalog No: 140472.00
..10HP..1765RPM.215T.DP.
230/460V.3PH.60HZ.CONT.40C.1.25SF.RIGID.C215T17DB15F.....WATTSAVER.AUTOMATIC....7.5&7.5kW.
..
Open Drip Proof (ODP)

Nameplate Specifications

Output HP	**10 Hp**	Output KW	**7.5 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**28.8-26.8/13.4 A**	Speed	**1765 rpm**
Service Factor	**1.25**	Phase	**3**
Efficiency	**91.7 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Frame	**215T**
Enclosure	**Drip Proof**	Overload Protector	**Automatic**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6207**
Opp Drive End Bearing Size	**6206**	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	**17.25 in**	Frame Length	**12.00 in**
Shaft Diameter	**1.375 in**	Shaft Extension	**3.38 in**
Assembly/Box Mounting	**F1/F2 CAPABLE**		
Outline Drawing	**037605-1200**	Connection Diagram	**005010.20**



DASH NO.	"C"	"AD"
1000	15.25	4.50
1050	15.75	5.00
1100	16.25	5.50
1150	16.75	6.00
1200	17.25	6.50
1250	17.75	7.00

NO.	REVISION	BY & DATE	CHK
02	UPDATED PER MT2 CONVERSION	LST 4/22/10	
01	4 HOLES ADDED IN DE BKT,N/P REVISED–ISAAC.09–4736	AK 11/03/2009	

TOLERANCES UNLESS SPECIFIED

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

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE– 210T FRAME DRIP PROOF– RIGID

MAT'L.: WATTSAVER

FINISH:

CAD FILE: 037605

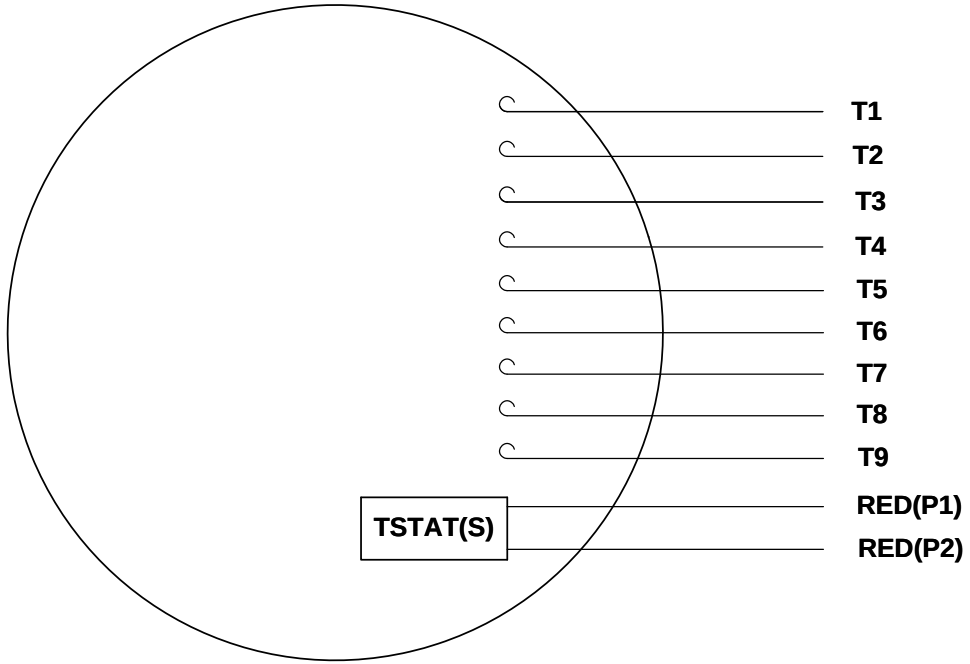
RFP:

DIST:

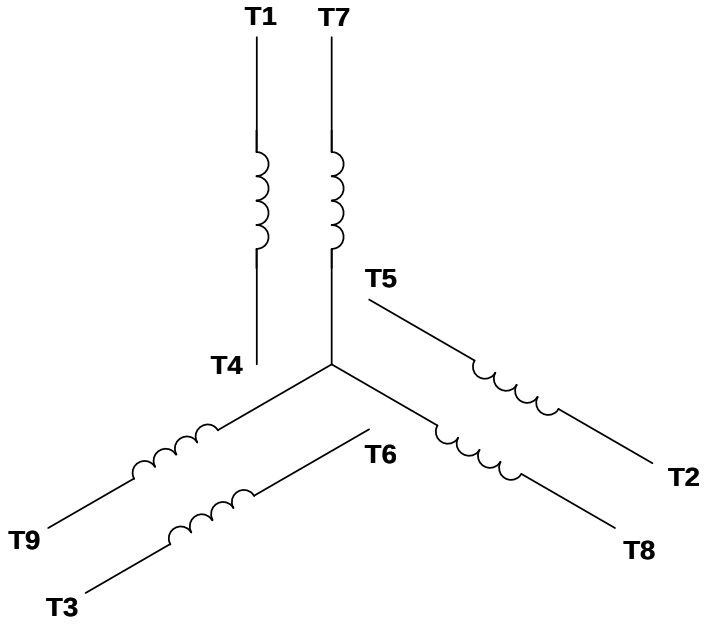
DRAWN	LST 2/11/03
CHK	
APPD	RW 2/12/03
SCALE	3=8
REF	OL140470
FMF	
PREV	

SIZE: B | DRAWING NO.: 037605 | REV.: 02

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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

DRAWING REVISION: G	REVISION BY: MVG	DATE: 04/05/2017
ECO: ECO-0121253	APPROVED BY: SM	DATE: 04/05/2017
ECO DESCRIPTION: ADDED P1 & P2 FOR TSTAT		

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY: DBT 12/16/97	
DATE	
APPROVED BY: KH 12/17/97	
DATE	
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.

DESCRIPTION: CONN DIAGRAM-EXTERNAL
3 PHASE WITH PROTECTOR

MATERIAL	PROCESS/FINISH
DECAL - 004014 (TSTAT) - 080582	STOCK

SIZE	DRAWING NUMBER	SHEET
A	00501020	1 OF 1

Data Sheet

Date: 1/19/2018

LEESON

140472.00

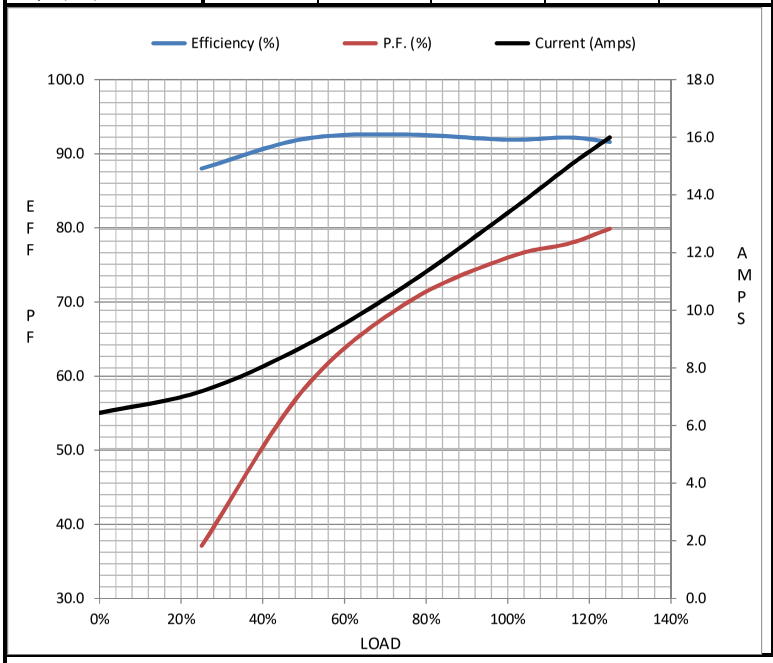
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	6.4	7.2	8.8	10.9	13.4	15.0	16.0	79.5	
Torque (ft-lb)	0.00	7.4	14.7	22.2	29.7	34.3	37.3	53.0	
RPM	1800	1793	1785	1777	1766	1,762	1758	0	
Efficiency (%)		88.0	92.0	92.6	91.9	92.2	91.6		
P.F. (%)	5.8	37.1	58.2	69.8	76.0	77.9	79.9	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	400	1550	1766	1800
Current (Amps)	79.5	73.1	47.7	13.4	6.4
Torque (ft-lb)	53.0	43.0	91.0	29.7	0.00



Information Block

HP	10.0	
Sync. RPM	1800	
Frame	210	
Enclosure	DP	
Construction	NA	
Voltage	230/460#190/380	V
Frequency	60	Hz
Design	B	
LR Code letter	H	
Service Factor	1.15	
Temp Rise @ FL	34	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.98	Lb-Ft²
Ref Wdg	T9496 DR	
Sound Pressure @ 1M	0	dBA
VFD Rating	NONE	
Outline Dwg	037605-1200	
Conn. Diag	005010.20	

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