

PRODUCT INFORMATION PACKET



Model No: 132043.00

Catalog No: 132043.00

General Purpose Motor, 7.5 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 184TC Frame, DP



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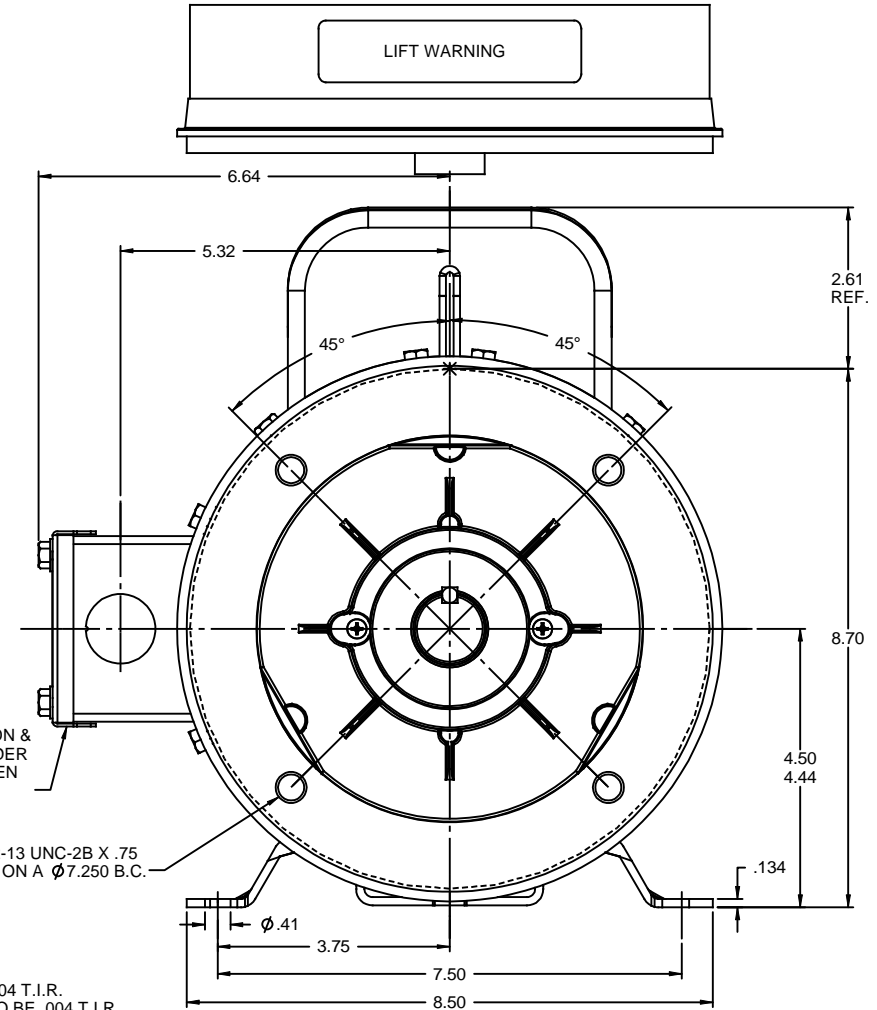
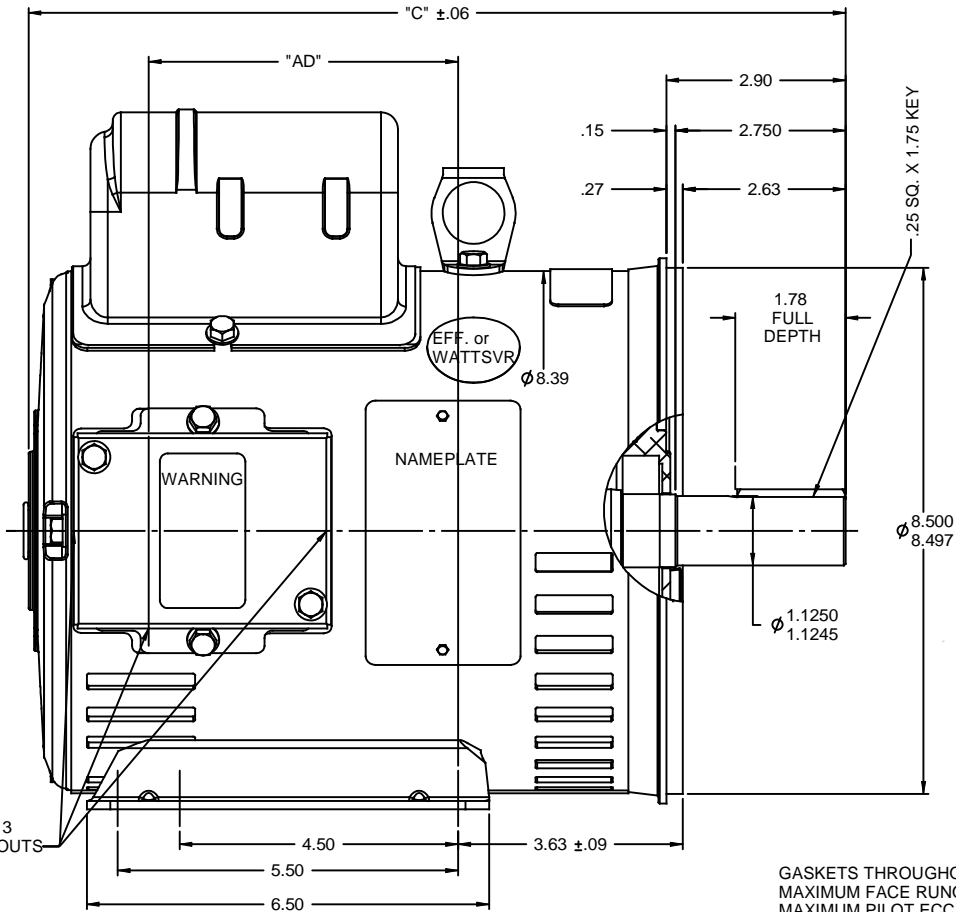
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	208-230 V
Current	34.0-31.0 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Efficiency	82.5 %	Power Factor	93.5
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	H
Frame	184TC	Enclosure	Drip Proof
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	.214 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	16.70 in
Frame Length	12.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035502-1250	Connection Drawing	005018.30

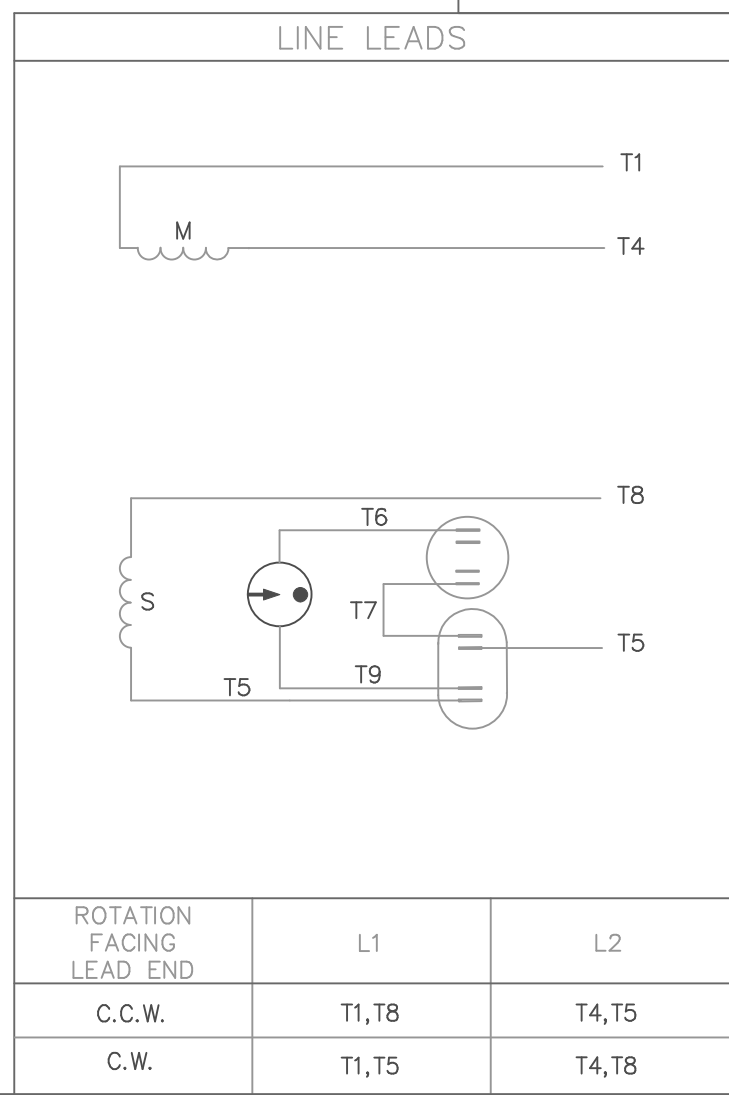
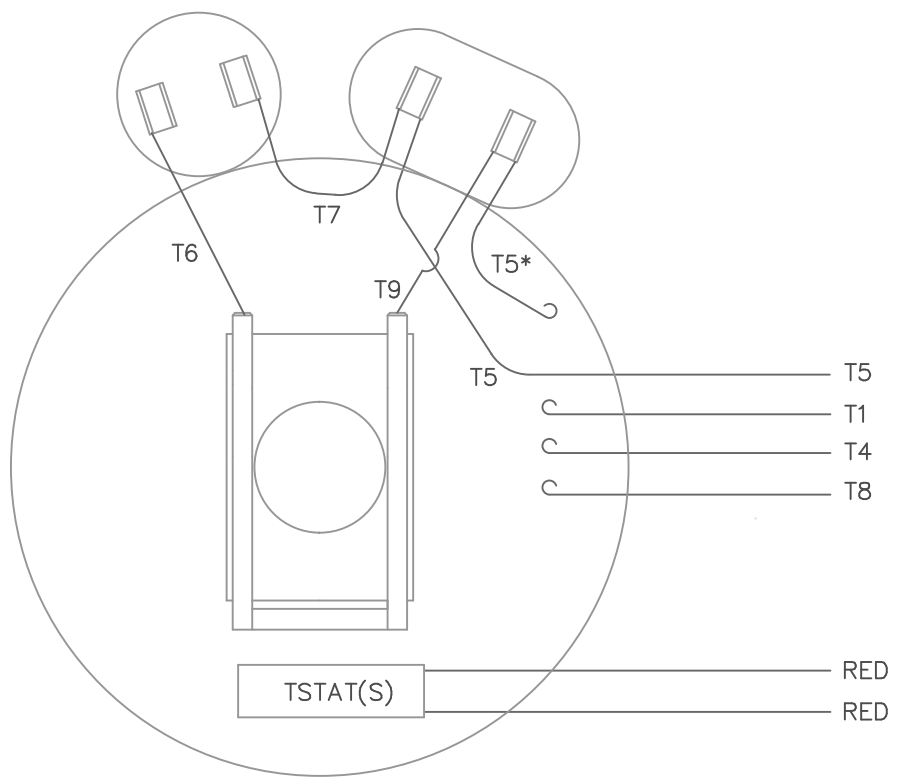
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DASH NO.	"C"	"AD"
900	13.20	5.00
950	13.70	5.50
1000	14.20	6.00
1050	14.70	6.50
1100	15.20	7.00
1150	15.70	7.50
1200	16.20	8.00
1250	16.70	8.50

TOLERANCES UNLESS SPECIFIED		REGAL BELOIT CORPORATION		DRAWN SW 5/10/05	
DEC	INCHES	REGAL BELOIT CORPORATION		CHK	
X	±.1			APPR RDW 5/10/05	
.XX	±.03	TITLE OUTLINE - 180TC FRAME		SCALE 1:2	
.XXX	±.005	DRIP PROOF - RIGID "C"		REF 035501	
-	UPDATED & REDRAWN ON SOLIDWORKS	LST 12/18/2009	XX .XXX	±.0005	MATL GENERAL PURPOSE
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH	PAGE OF
			RFP	PREV	
	THIRD ANGLE PROJECTION		NETWORK FILE NAME	SIZE B	DRAWING NO 035502
					REV -

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION	
				DECIMALS			
				.00	± .01	DRAWN MDN 10/13/98	TITLE
				.000	± .005	CH'K'D.	EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR
01	ADDED "THIS LEAD MAY BE WHITE" NOTE	BJB	09/15/04	.0000	± .0005	APPR.	MAT'L.
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1	DECAL - 004018 TSTAT - 080582
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.	FINISH
				INCH/MM		FMF	SIZE A



CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CATALOG #: 132043.00

CONN. DIAGRAM: 005018.30

OUTLINE: 035502-1250

MOUNTING: F1 ONLY

WINDING #: K8228 DR 2 B

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
7 1/2	5.60	3600	3450	184TC	DP	H	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	208-230	34-31	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	82.5	3/4 LOAD EFF:	82	1/2 LOAD EFF:	78.3	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	93.5	3/4 LOAD PF:	92.5	1/2 LOAD PF:	91.9	80		CAP START CAP RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L,R. TORQUE	B,D. TORQUE	F.L. RISE°C
11.17 LB-FT	235	26 LB-FT 233 %	30 LB-FT 269 %	53

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.24 LB-FT^2	0.2 LB-FT^2	10 SEC.	0	112 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6206	6205						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
TSTATS 140(N/C)	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

*
N
O
T
E
S

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE HZ

