

PRODUCT INFORMATION PACKET



Model No: 131632.00
Catalog No: 131632.00
General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, 184TC Frame, TEFC



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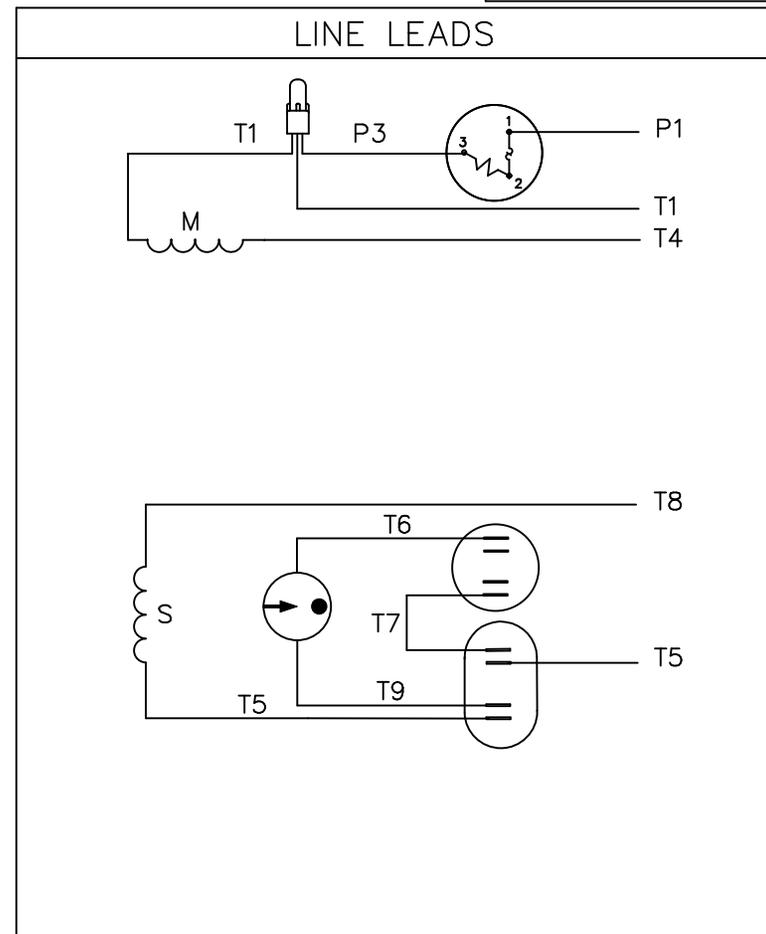
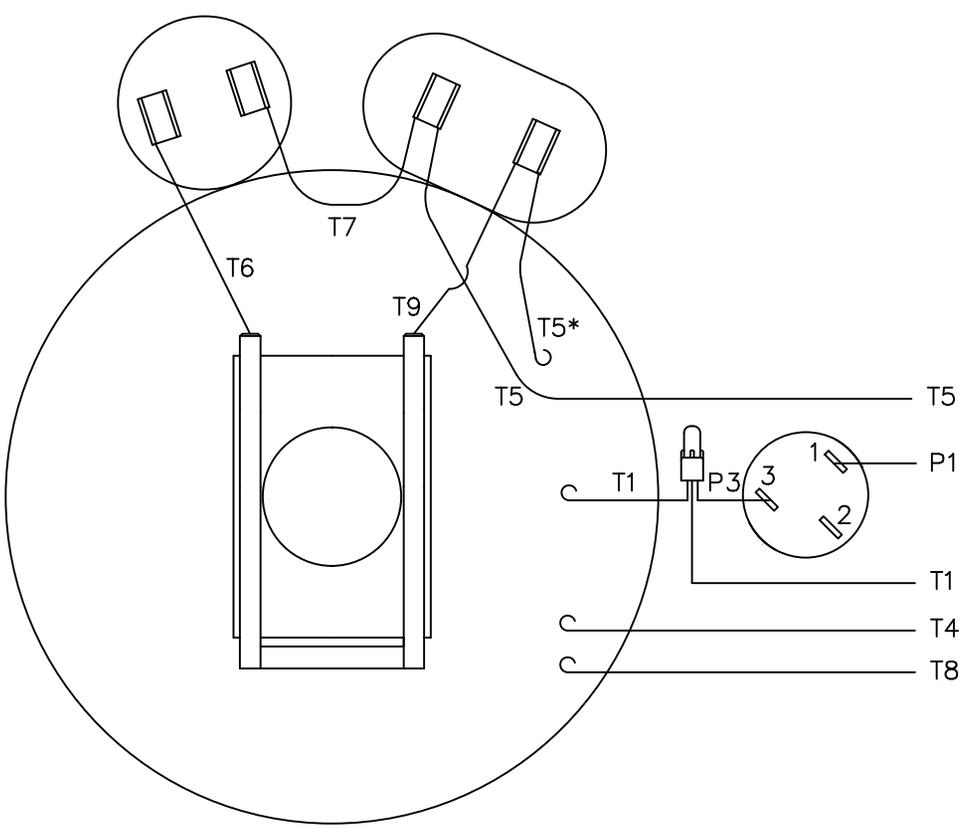
Nameplate Specifications

Phase	1	Output HP	5 Hp
Output KW	3.7 kW	Voltage	230 V
Speed	3500 rpm	Service Factor	1.15
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	82.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	19.8 A	Power Factor	98
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	H
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	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	.342 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	16.97 in
Frame Length	11.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035381-1150	Connection Drawing	005056.03

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ROTATION FACING LEAD END	L1	L2	JOIN
C.C.W.	P1	T4, T5	T1, T8
C.W.	P1	T4, T8	T1, T5

* THIS LEAD MAY BE WHITE

		TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies</i> TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR MAT'L. DECAL - 004015 FINISH		DRAWN LST 9/9/03		
		DEC.	INCHES			CHK KH 9/9/03		
		.X	±.1			APPD		
		.XX	±.01			SCALE 1=1		
		.XXX	±.005			REF		
		.XXXX	±.0005	MAT'L. DECAL - 004015		FMF 139045		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	PREV		
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE 00505603ME		SIZE A	DRAWING NO. 005056-03ME	REV.
			DIST	BRF-NLV				



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005056.03

CATALOG #: 131632.00

OUTLINE: 035381-1150

MOUNTING: F1 ONLY

WINDING #: K8225 FR 2 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5	3.70	3600	3500	184TC	TEFC	H	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	230	19.8	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	82.5	3/4 LOAD EFF:	81.3	1/2 LOAD EFF:	77.4	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	98	3/4 LOAD PF:	98.1	1/2 LOAD PF:	97.8	80		CAP START CAP RUN	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
7.5 LB-FT	153	16.2 LB-FT 216 %	19.4 LB-FT 259 %	71

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.485 LB-FT^2	0.5 LB-FT^2	0 SEC.	0	106 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			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

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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

