

PRODUCT INFORMATION PACKET



Model No: 131541.00
Catalog No: 131541.00
2 HP Agricultural Motor, 1 phase, 1800 RPM, 115/208-230 V, 182T Frame, TEFC
Agricultural Motors



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Nameplate Specifications

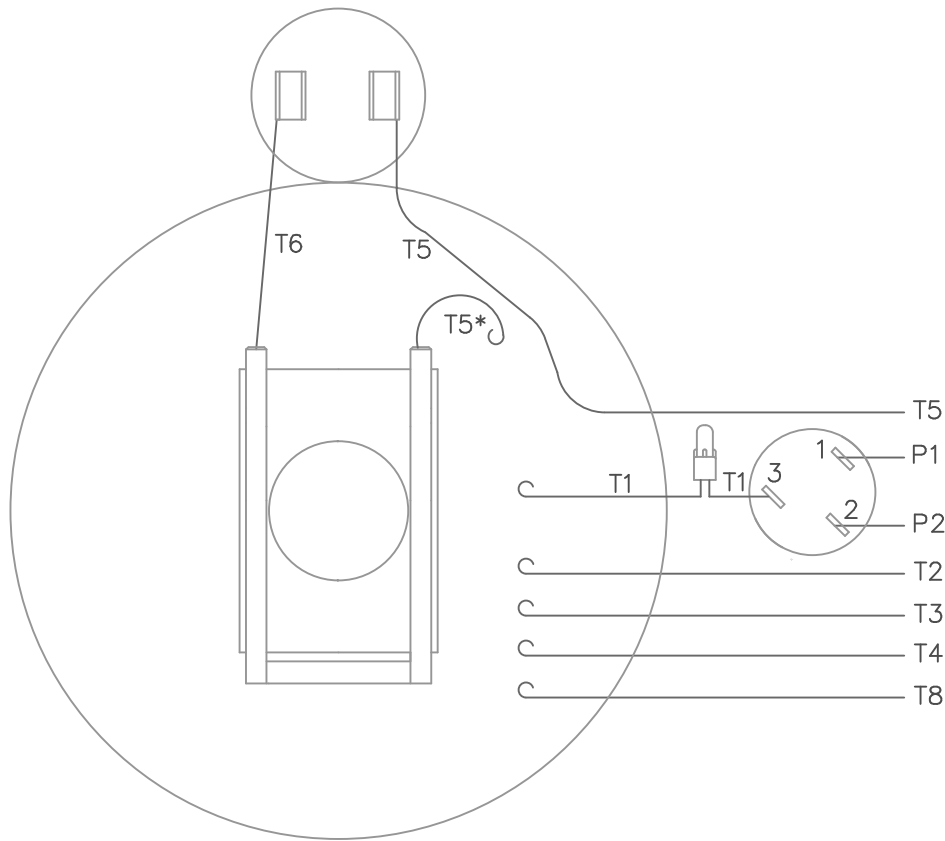
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	24.8/13.0-12.4 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	72 %	Power Factor	75
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	K
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

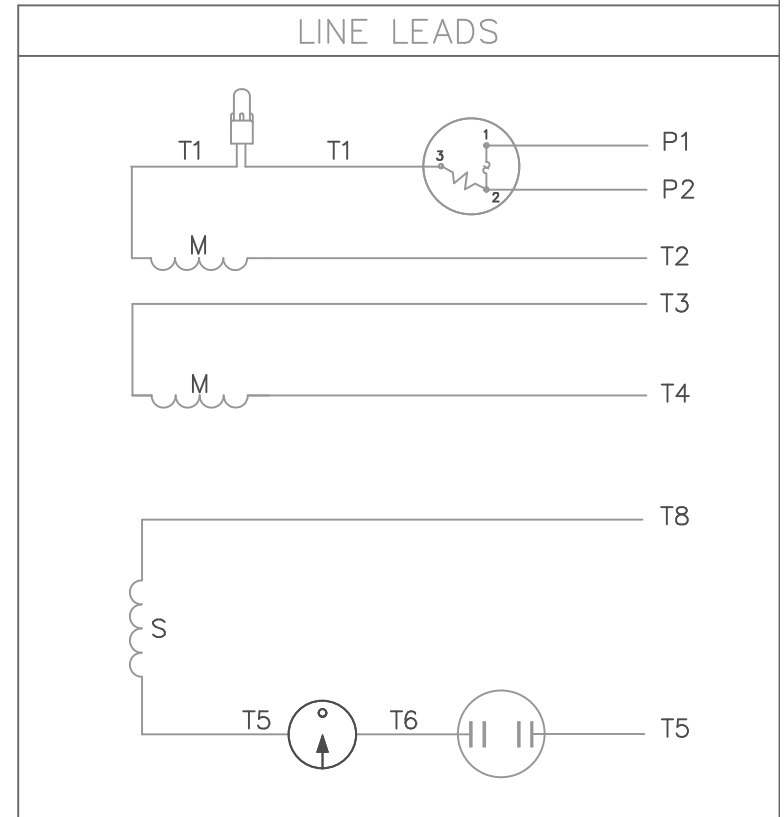
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	.22 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	14.46 in
Frame Length	9.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035747-900	Connection Drawing	005067.02

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	
	C.W.	P1	T2,T4 T8	P2,T3 T5	

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
05	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02		.X	±.1
04	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH	.XX	±.01
03	DECAL WAS 004015	DBT 12/23/97		.XXX	±.005
02	REDRAWN ON CAD	DBT 05/29/97		.XXXX	±.0005
				ANG	±1/2°



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	WLW 09/01/76
CHK	
APPD	
SCALE	1=1
REF	
FMF	
PREV	

TITLE	EXT. WIRING DIAGRAM TYPE "C" W/ PROTECTOR
MAT'L.	DECAL - 004011
FINISH	
RFP	
CAD FILE	00506702
SIZE	A
DRAWING NO.	005067-02
REV.	05