Crop Dryer Motors

Model No: 131848.00
Catalog No: 131848.00

Crop Dryer Motor, 7.50 & 10 HP, 1 Ph, 60 & 60 Hz, 230 & 230 V, 3600 RPM, 182TZ Frame, DPAO

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Product Information Packet: Model No: 131848.00, Catalog No: 131848.00 Crop Dryer Motor, 7.50 & 10 HP, 1 Ph, 60 & 60 Hz, 230 & 230 V, 3600 RPM, 182TZ Frame, DPAO

Nameplate Specifications

Phase	**1**	Output HP	**7.50 & 10 Hp**
Output KW	**5.6 & 7.5 kW**	Voltage	**230 & 230 V**
Speed	**3450 & 3450 r/min**	Synchronous RPM	**3600 & 3600 r/min**
Service Factor	**1.00**	Frame	**182TZ**
Enclosure	**Drip Proof Air Over**	Thermal Protection	**Thermostat**
Efficiency	**82.5 & 80 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 60 Hz**	Current	**31 & 42 A**
Power Factor	**93.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**L**
KVA Code	**G**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6205**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**22**	Number of Speeds	**1**

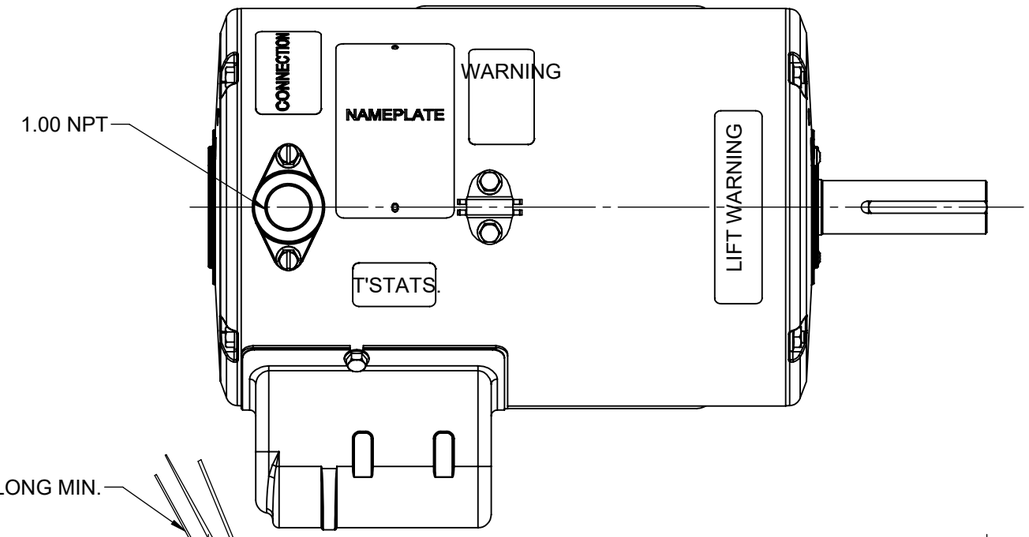
Technical Specifications

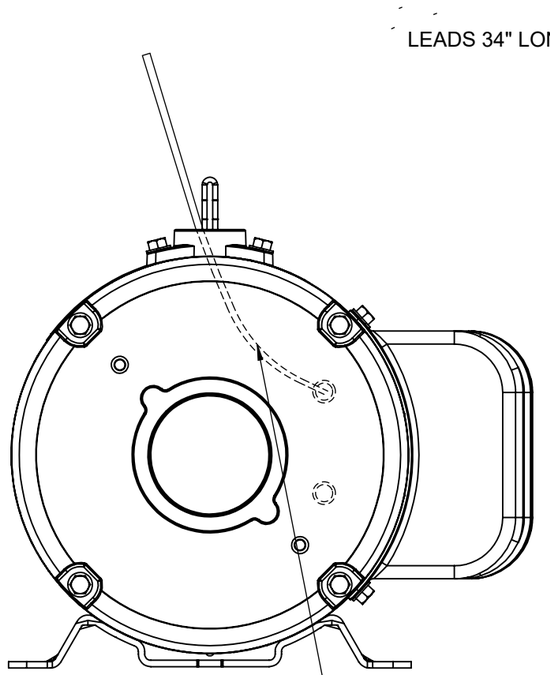
Electrical Type	**Capacitor Start Capacitor Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.214 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**Single Special Extension**	Overall Length	**16.44 in**
Frame Length	**11.5 in**	Shaft Diameter	**1 1/8 in**
Shaft Extension	**3.5 in**	Assembly/Box Mounting	**F1 Only**

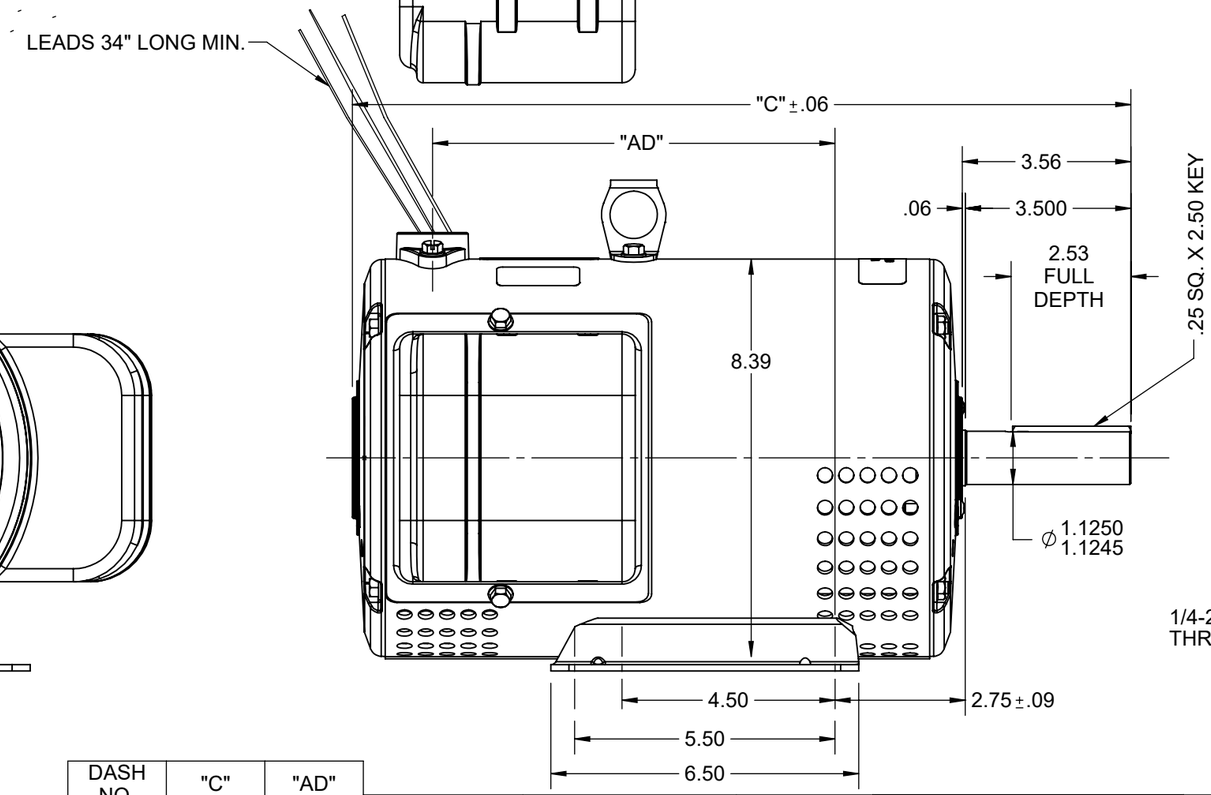
Drawings

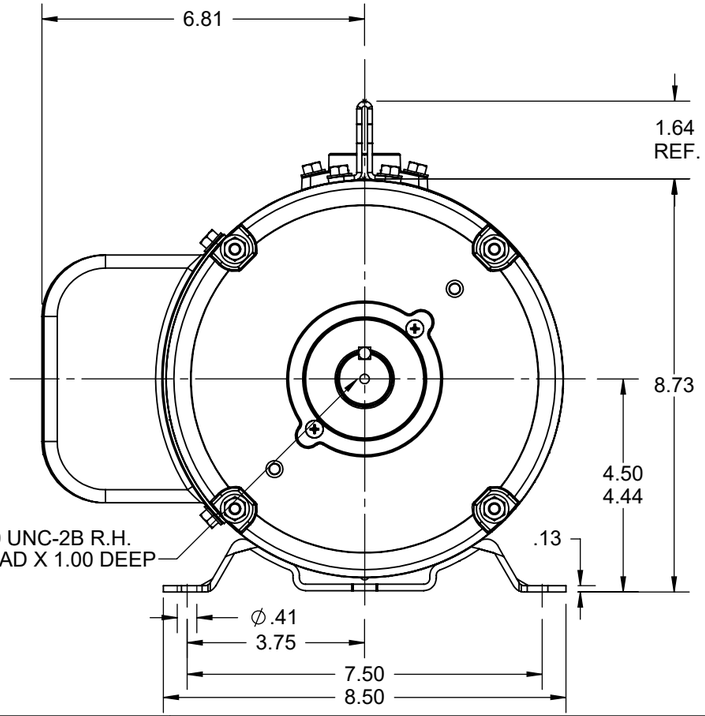
Connection Drawing	**005018.30**	Outline Drawing	**035732-1150**

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DASH NO.	"C"	"AD"
1050	15.44	7.50
1100	15.94	8.00
1150	16.44	8.50
1200	16.94	9.00
1250	17.44	9.50
1300	17.94	10.00
1350	18.44	10.50
1400	18.94	11.00

ORACLE REV	003

DRAWING REVISION	REVISION BY	REV DATE/© DATE
H	SB	08/26/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0022556	SBD	08/26/2025

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200 / INCH 5.1 / mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	
LST	
DATE	
5/5/09	
APPROVED BY	
DATE	
REFERENCE	

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DESCRIPTION
OUTLINE
DRIP PROOF - RIGID

MATERIAL | PROCESS/FINISH

THIRD ANGLE PROJECTION

SIZE	DRAWING NUMBER	SHEET
B	035732	1 OF 1