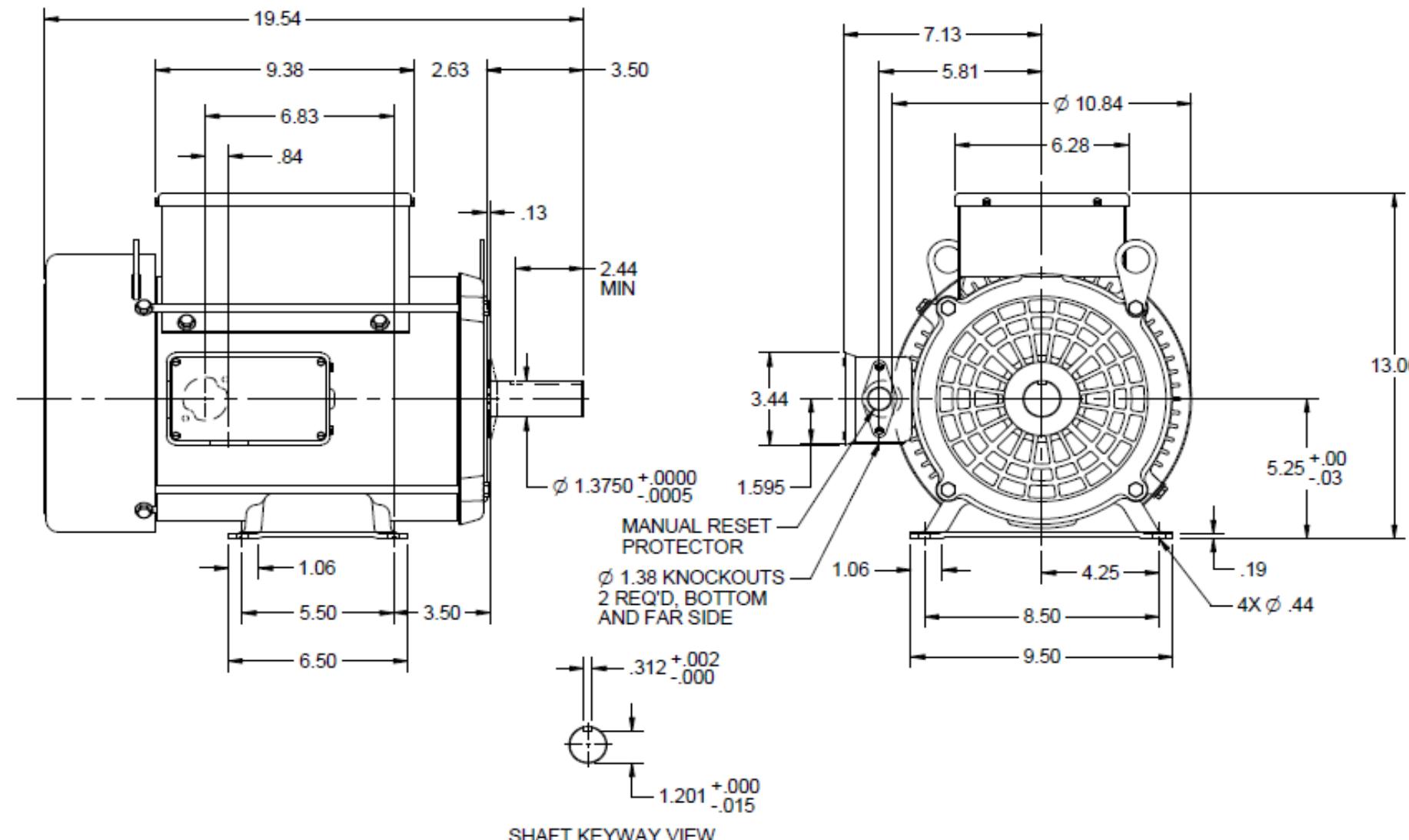


6K130BG

REV.
-



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SQUARE KEY SHIPPED WITH MOTOR.
2. GROUND SCREW LOCATED IN OUTLET BOX.
3. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED BY TARGET DIMENSIONING.

FRAME	TYPE	ENCL	VOLTAGE	HP	POLE	PH	HZ	RPM	THERMAL PROTECTION
213T	TMA	TEFC	230	5	4	1	60	1730	MANUAL RESET

DRAWING NO. PAGE 1 of 1
6K130BG REV. -

Performance Data

Dayton[®]

6K130BG

REV.
X

MOTOR PERFORMANCE

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
6K130BG	6K130BG	1	SMA	213T

ORDER NO.	NA	LINE NO.	

HP:	5
POLES:	4
HZ:	60
SERVICE FACTOR:	1.00
DUTY CYCLE:	CONTINUOUS
ALTITUDE (FASL) FT:	3300
MAX AMBIENT:	40°C
ENCLOSURE:	TE
INSULATION CLASS:	F
VOLTS:	230
EFFICIENCY (%):	
S.F.	-
FULL	82.4
3/4	83.0
1/2	80.3
1/4	69.6
POWER FACTOR (%):	
S.F.	-
FULL	89.4
3/4	88.4
1/2	84.4
1/4	71.5
AMPS:	
S.F.	-
FULL	23.0
3/4	16.6
1/2	11.9
1/4	8.1
NO LOAD	5.6
LOCKED ROTOR AMPS:	134
NEMA CODE LETTER	G
NEMA DESIGN LETTER	L
FULL LOAD RPM	1730
THERMAL PROTECTION	MANUAL RESET
TORQUES:	
BREAKDOWN{LB-FT}	33.3
LOCKED ROTOR{LB-FT}	37.9
FULL LOAD{LB-FT}	15.0

NEMA Nominal and Guaranteed Efficiencies are up to 3,300 feet above sea level and 25 ° C ambient

DRAWING NO.	PAGE 1 of 2	REV.
6K130BG		X

Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

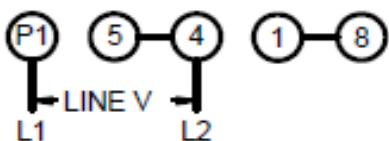
6K130BG

REV.
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Motor Wiring Diagram

5 Lead, Single Phase, Single Voltage,
Thermally Protected, CW Rotation

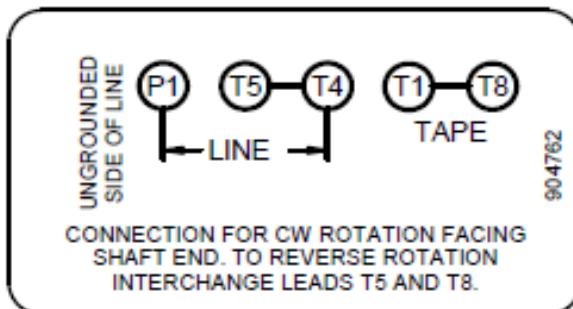
SINGLE PHASE THERMALLY PROTECTED PROTECTION THERMIQUE INHERENTE MOTOR LEAD CONNECTIONS



CONNECTION FOR CW ROTATION
FACING SHAFT END. TO REVERSE ROTATION
INTERCHANGE LEADS 5 AND 8.

MOTOR MUST BE GROUNDED (USE GREEN LEAD IF
SUPPLIED) PER THE NATIONAL ELECTRIC CODE.

912541



Connected for CW Rotation Facing the Shaft End.

To Reverse Direction of Rotation, Interchange Leads 5 & 8.

Each lead may have one or more cables comprising that lead.
In such case, cable will be marked with the appropriate lead number.

DRAWING NO. PAGE 1 of 1
6K130BG

REV.
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Dayton



Farm Duty Motor



E47479



258525

MODEL NO **6K130BG**VOLTS **230**HP **5**RPM **1730**AMPS **23.0**PH **1** FRAME **213T**TYPE **TMA**

SFA

MOTOR
REFSF **1.0**HZ **60**NEMA
DESIGN**L**INSUL
CLASS**F**ENCL **TEFC**MAX
AMB **40 C**LR KVA
CODE**G**THERMALLY
PROTECTED **MANUAL RESET**DUTY **CONT**

SHAFT

END BRG

6208

OPP

END BRG

6205

Make sure that voltage, phase and freq of line agrees with values given on this plate. Connect per wiring diagram supplied with motor.

Manufactured for Dayton Electric Mfg. Co., Lake Forest, IL 60045 U.S.A.

Made in Mexico

2040632