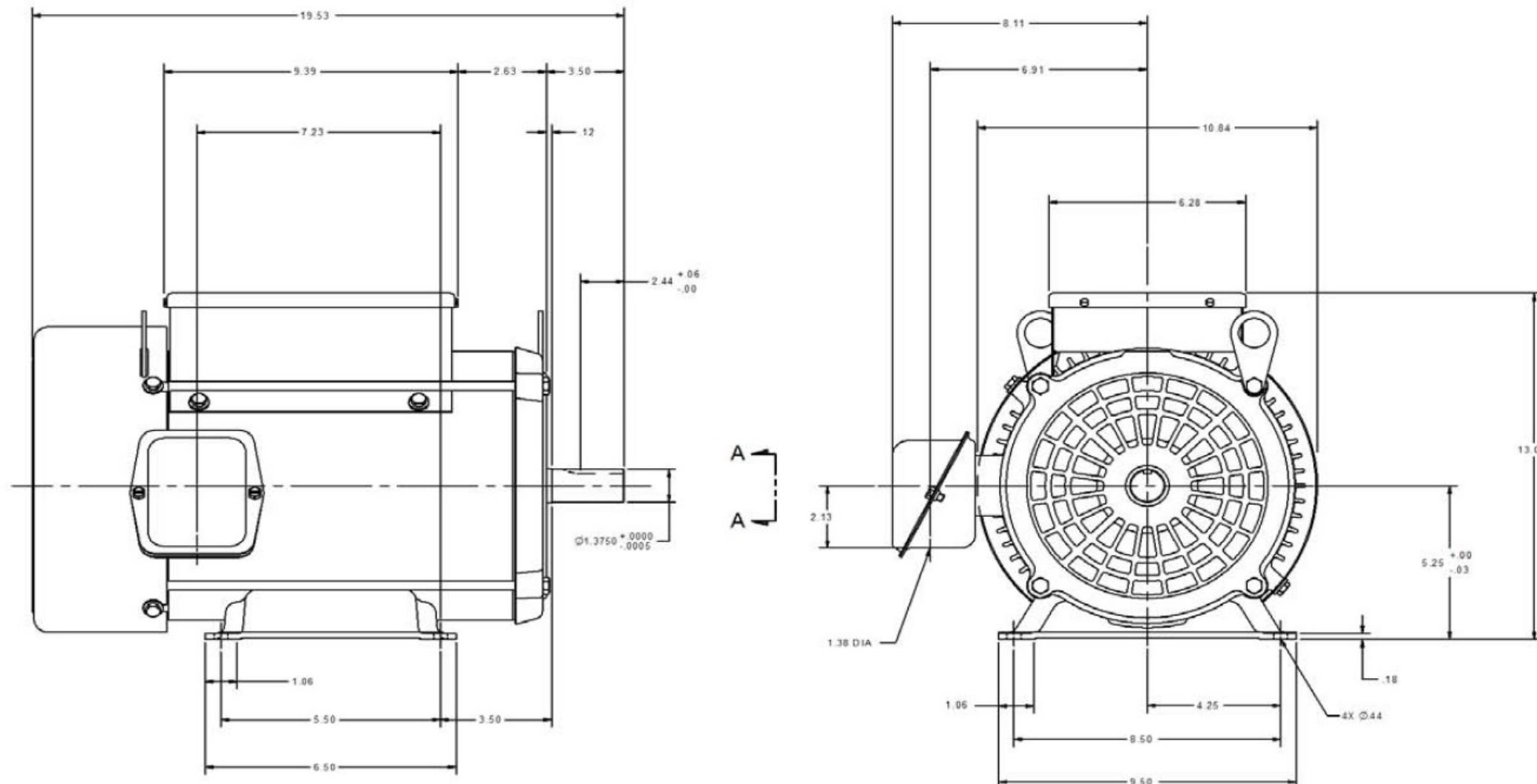


Dimensional Drawing

Dayton®

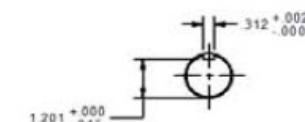
5K968BH

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.



VIEW A-A

FRAME	TYPE	HP	RPM	PH	HZ	SF	VOLTS
213T	SER	5	1745	1	60	1.0	230

DRAWING NO.	PAGE 1 of 1	REV.
5K968BH		-

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

5K968BH

REV.
-

MOTOR PERFORMANCE

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
5K968BH	5K968BH	1	SER	213T

ORDER NO.	NA	LINE NO.	<input type="checkbox"/>
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HP:	5
POLES:	4
HZ:	60
SERVICE FACTOR:	1.00
DUTY CYCLE:	CONTINUOUS
ALTITUDE (FASL) FT:	3300
MAX AMBIENT:	40 °C
ENCLOSURE:	TEFC
INSULATION CLASS:	F
VOLTS:	230
EFFICIENCY (%):	
S.F.	—
FULL	83.7
3/4	83.1
1/2	79.7
1/4	68.9
POWER FACTOR (%):	
S.F.	—
FULL	91.3
3/4	89.3
1/2	84.6
1/4	72.8
AMPS:	
S.F.	—
FULL	23.0
3/4	16.5
1/2	12.2
1/4	8.4
NO LOAD	5.6
LOCKED ROTOR AMPS:	134
NEMA CODE LETTER	G
NEMA DESIGN LETTER	L
FULL LOAD RPM	1745
THERMAL PROTECTION	—
TORQUES:	
BREAKDOWN{LB-FT}	36.9
LOCKED ROTOR{LB-FT}	34.9
PULL UP{LB-FT}	33.0
FULL LOAD{LB-FT}	14.6

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

The Above Data Is Typical, Sinewave Power Unless Noted Otherwise

DRAWING NO.	PAGE 1 of 1	REV.
5K968BH		-

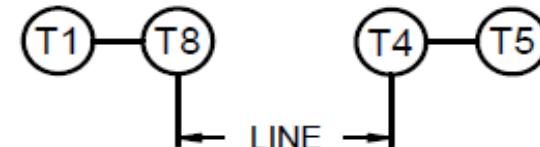
5K968BE

REV.

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Motor Wiring Diagram

4 Lead, Single Phase, Single Voltage, CW Rotation



904955

CONNECTION FOR CW ROTATION FACING
SHAFT END. TO REVERSE ROTATION
INTERCHANGE LEADS T5 AND T8.

Connected for CW Rotation Facing Shaft End.
To reverse direction of rotation, interchange leads T5 & T8.

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	REV.
5K968BE		-

Dayton®**INDUSTRIAL
MOTOR**Part
No.**5K968BH**SHAFT
END BRG **6208-2Z-J/C3**OPP
END BRG **6205-2Z-J/C3****FR 213T****TYPE SER****ENCL TEFC****PH 1** MAX **40** °C ID#
AMB**INSUL CLASS F** DUTY **CONT** WT **121 LB** BAL

HP 5	RPM 1745	SF 1.0	HZ 60
VOLTS 230		MAX KVAR	NEMA NOM EFFICIENCY 83.7
AMPS 23.0		CODE G	DES L
SF AMPS		PF 91.3	GUARANTEED EFFICIENCY

2041394-004 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

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

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