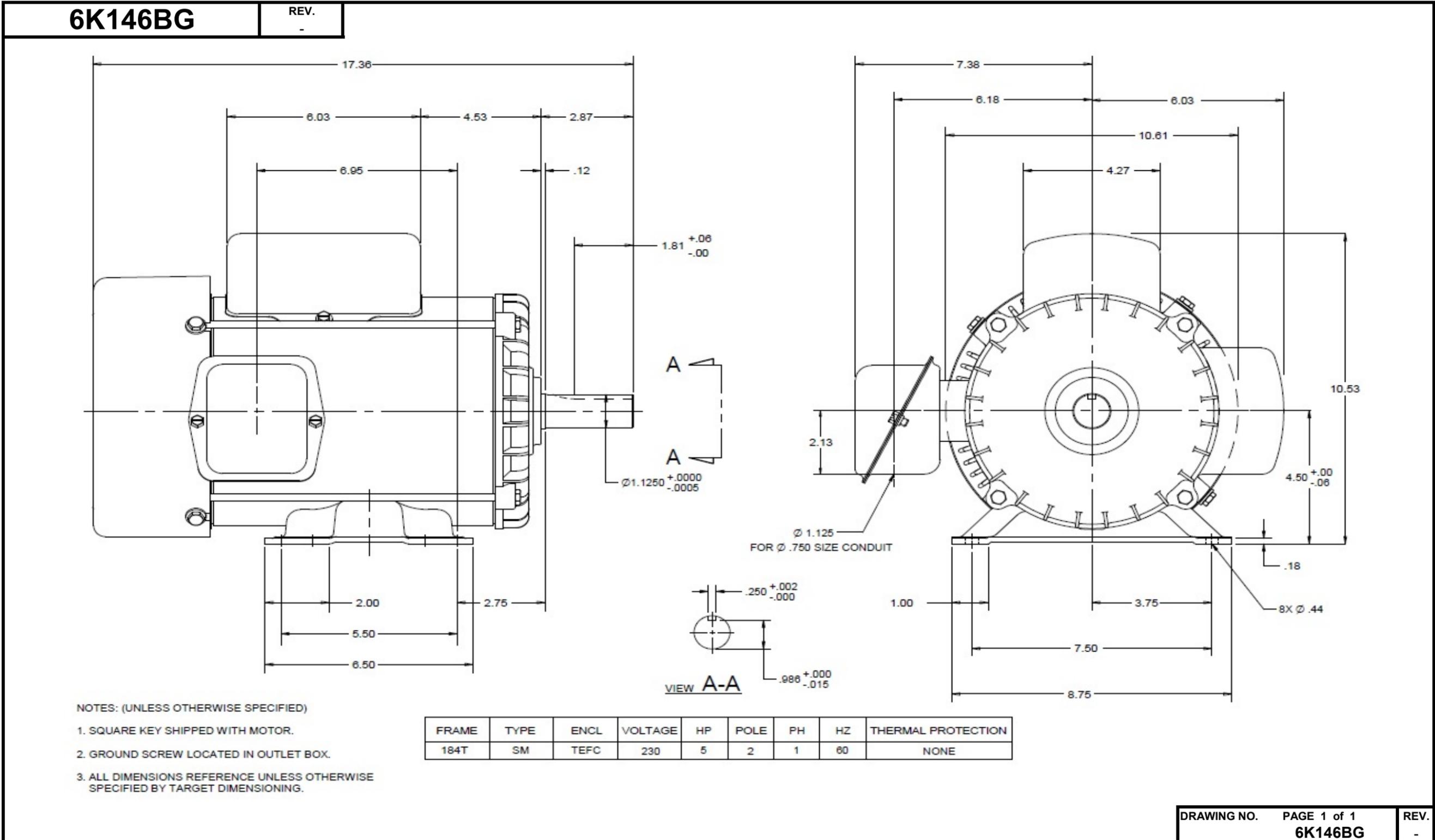


Dimensional Drawing



Performance Data



6K146BG

REV.
-

MOTOR PERFORMANCE

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
6K146BG	6K146BG	1	SM	184T

ORDER NO.	NA	LINE NO.

HP:	5
POLES:	2
HZ:	60
SERVICE FACTOR:	1.15
DUTY CYCLE:	CONTINUOUS
ALTITUDE (FASL) FT:	3300
MAX AMBIENT:	40°C
ENCLOSURE:	TE
INSULATION CLASS:	F
VOLTS:	230
EFFICIENCY (%):	
S.F.	88.6
FULL	88.9
3/4	88.4
1/2	85.9
1/4	76.2
POWER FACTOR (%):	
S.F.	97.9
FULL	97.9
3/4	97.6
1/2	96.8
1/4	94.1
AMPS:	
S.F.	22.3
FULL	19.6
3/4	14.0
1/2	10.0
1/4	5.6
NO LOAD	1.6
LOCKED ROTOR AMPS:	122
NEMA CODE LETTER	G
NEMA DESIGN LETTER	L
FULL LOAD RPM	3540
THERMAL PROTECTION	-
TORQUES:	
BREAKDOWN{LB-FT}	19.8
LOCKED ROTOR{LB-FT}	12.0
PULL UP{LB-FT}	12.0
FULL LOAD{LB-FT}	7.3

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.
	6K146BG	-

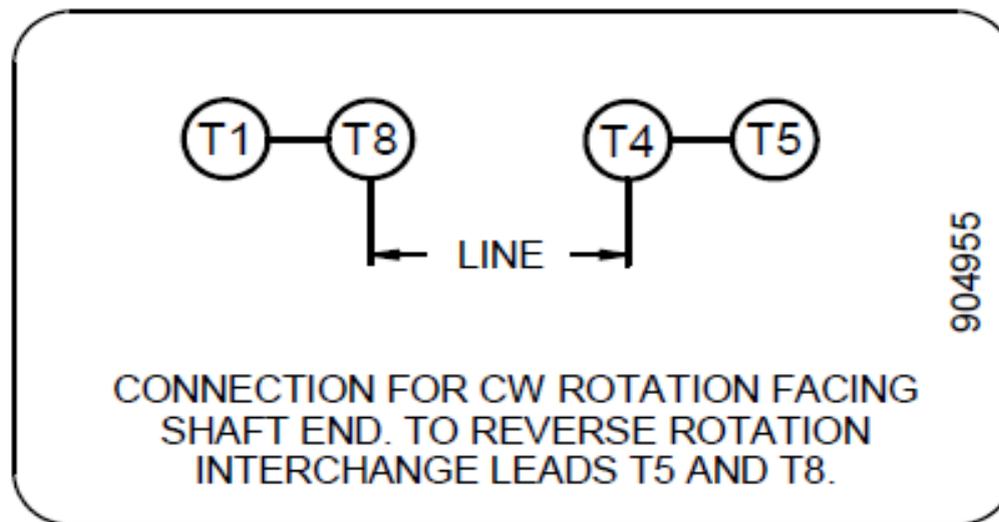
Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

6K146BG

REV.
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Motor Wiring Diagram

4 Lead, Single Phase, Single Voltage, CW Rotation



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.
6K146BG		0

 **Dayton**[®]**INDUSTRIAL
MOTOR**Part
No. **6K146BG**SHAFT
END BRG **6206-2Z-J/C3**OPP
END BRG **6205-2Z-J/C3**FR **184T**TYPE **SM**ENCL **TEFC**PH **1** MAX
AMB **40 °C** ID#INSUL
CLASS **F** DUTY **CONT** WT **91 LB** BALHP **5**RPM **3540**SF **1.15**HZ **60**VOLTS **230**MAX
KVARNEMA NOM
EFFICIENCY **82.2**AMPS **19.6**CODE **G**DES **L**SF AMPS **22.3**PF **91.0**GUARANTEED
EFFICIENCY

2041394-004 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

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