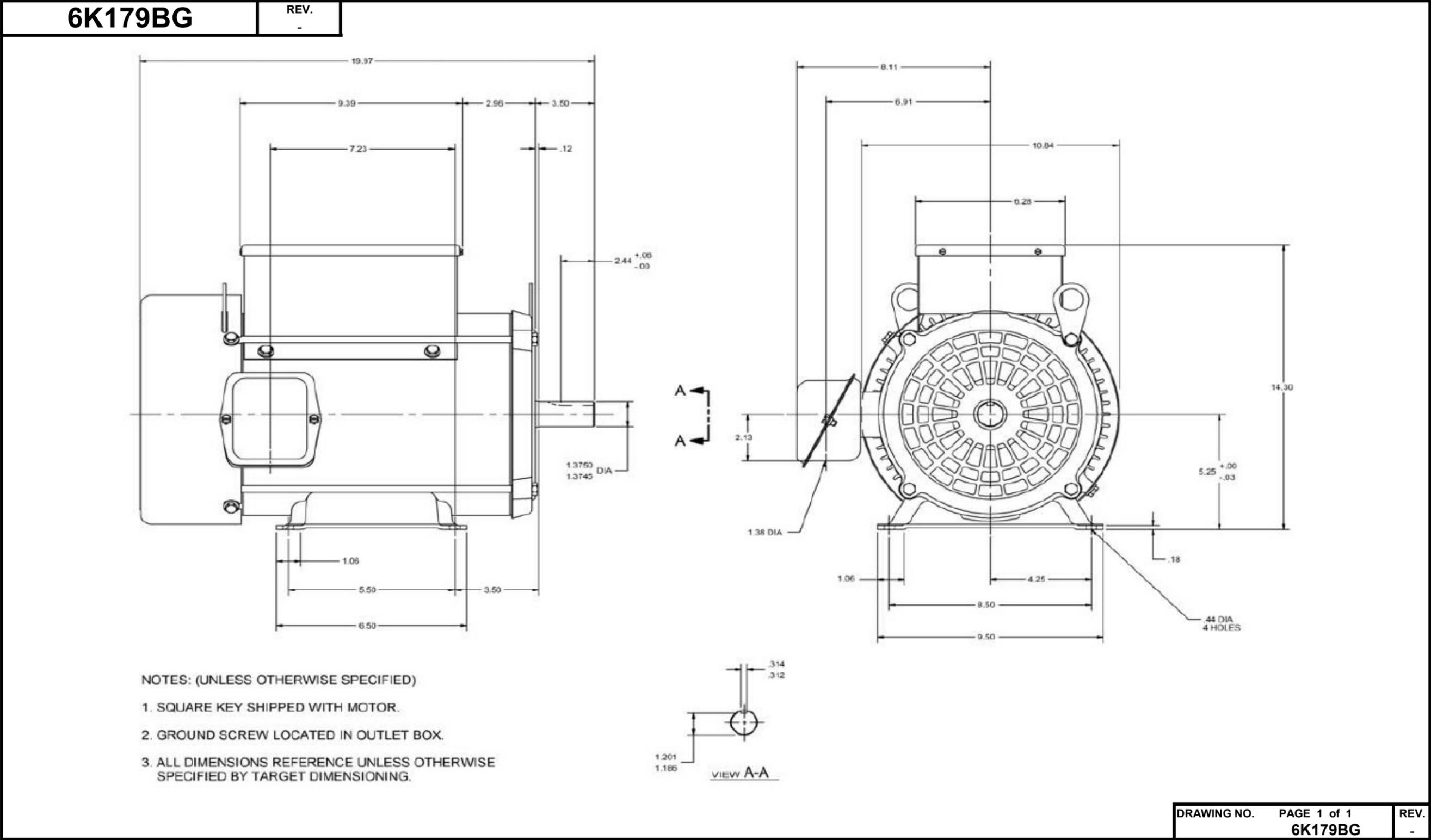


Dimensional Drawing



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

Performance Data



6K179BG

REV.
-

MOTOR PERFORMANCE

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
6K179BG	6K179BG	1	SM	213T

ORDER NO.	NA	LINE NO.

HP:	7.5
POLES:	2
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	83.5
3/4	87.8
1/2	85.2
1/4	76.2
POWER FACTOR (%):	
S.F.	-
FULL	95.5
3/4	94.9
1/2	93.0
1/4	86.3
AMPS:	
S.F.	-
FULL	30.3
3/4	22.0
1/2	15.5
1/4	9.4
NO LOAD	4.5
LOCKED ROTOR AMPS:	138
NEMA CODE LETTER	G
NEMA DESIGN LETTER	L
FULL LOAD RPM	3530
THERMAL PROTECTION	-
TORQUES:	
BREAKDOWN{LB-FT}	29.7
LOCKED ROTOR{LB-FT}	18.6
PULL UP{LB-FT}	17.6
FULL LOAD{LB-FT}	11.2

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.
	6K179BG	-

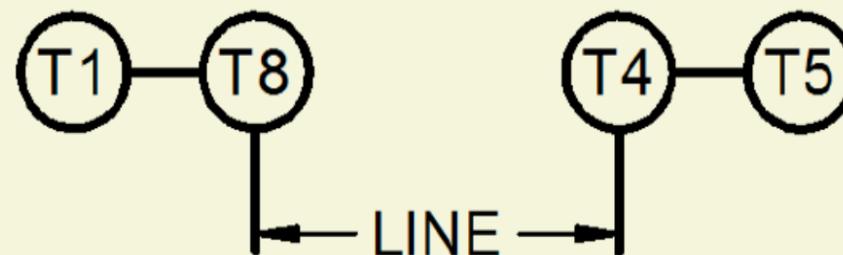
Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

6K179BG

REV.
-

Motor Connection Diagram

SINGLE PHASE MOTOR
LEAD CONNECTIONS



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

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

DRAWING NO. PAGE 1 of 1 REV.
6K179BG -

Dayton[®]**INDUSTRIAL
MOTOR**Part
No. **6K179BG**SHAFT
END BRG **6208-2Z-J/C3**OPP
END BRG **6205-2Z-J/C3****FR 213T**TYPE **SM**ENCL **TEFC**PH **1** MAX
AMB **40 °C** ID#INSUL
CLASS **F** DUTY **CONT** WT **92 LB** BAL**HP 7.5**RPM **3530**SF **1.0**HZ **60**VOLTS **230**MAX
KVARNEMA NOM
EFFICIENCY **83.5**AMPS **30.3**CODE **G**DES **L**

SF AMPS

PF **95.5**GUARANTEED
EFFICIENCY

2041394-004 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

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