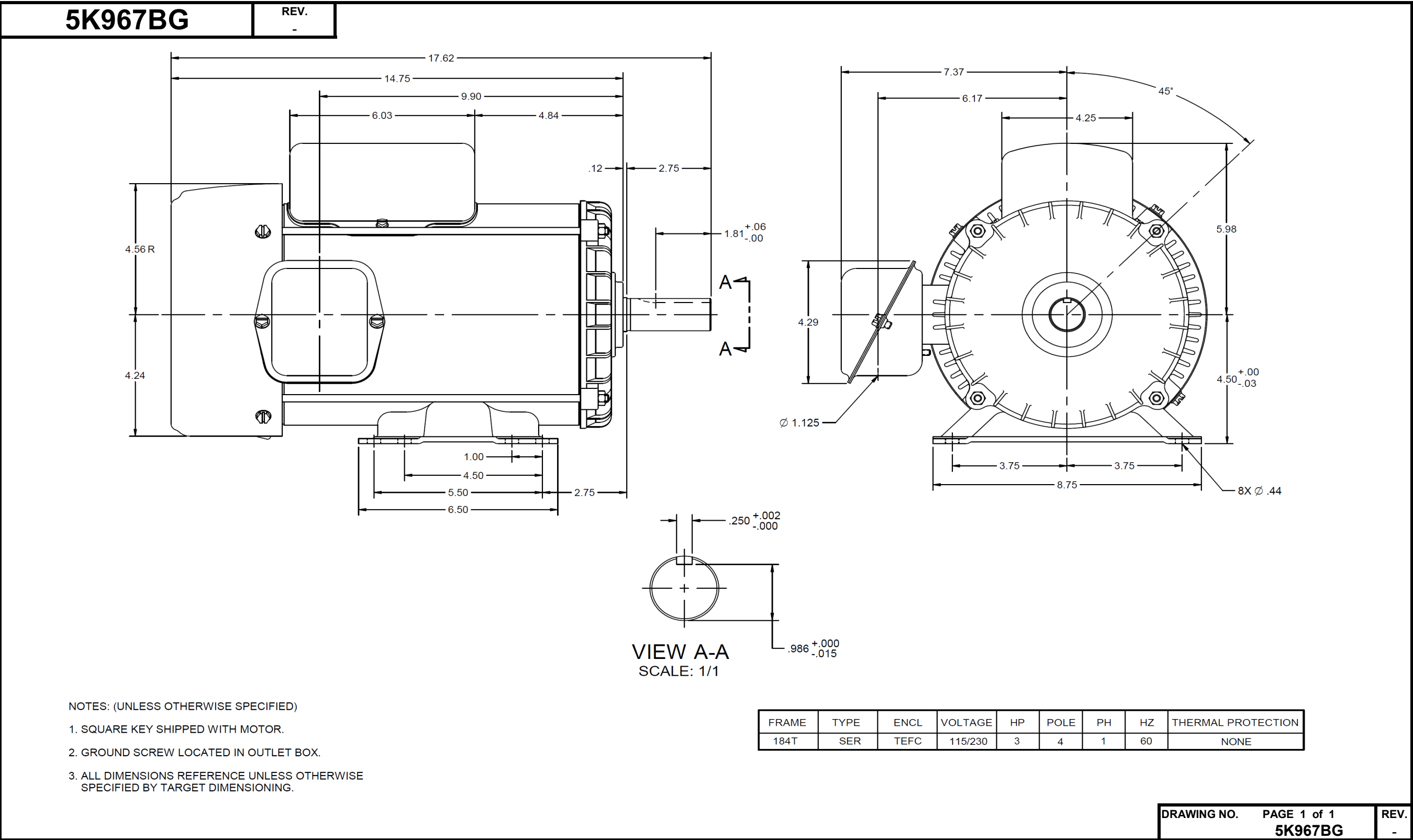


Dimensional Drawing



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

Performance Data



5K967BG

REV.
-

MOTOR PERFORMANCE

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
5K967BG	5K967BG	1	SER	184T

ORDER NO.	NA	LINE NO.
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HP:	3	3
POLES:	4	4
HZ:	60	60
SERVICE FACTOR:	1.00	1.00
DUTY CYCLE:	CONTINUOUS	CONTINUOUS
ALTITUDE (FASL) FT:	3300	3300
MAX AMBIENT:	40 °C	40 °C
ENCLOSURE:	TEFC	TEFC
INSULATION CLASS:	F	F
VOLTS:	115	230
EFFICIENCY (%):		
S.F.	—	—
FULL	81.9	81.9
3/4	81.5	81.5
1/2	78.4	78.4
1/4	67.0	67.0
POWER FACTOR (%):		
S.F.	—	—
FULL	79.8	79.8
3/4	74.3	74.3
1/2	64.3	64.3
1/4	46.5	46.5
AMPS:		
S.F.	—	—
FULL	30.0	15.0
3/4	24.4	12.2
1/2	19.6	9.8
1/4	15.4	7.7
NO LOAD	12.8	6.4
LOCKED ROTOR AMPS:	168	84
NEMA CODE LETTER	H	H
NEMA DESIGN LETTER	L	L
FULL LOAD RPM	1740	1740
THERMAL PROTECTION	—	—
TORQUES:		
BREAKDOWN{LB-FT}	22.0	22.0
LOCKED ROTOR{LB-FT}	22.3	22.3
PULL UP{LB-FT}	21.5	21.5
FULL LOAD{LB-FT}	8.75	8.75

DRAWING NO. PAGE 1 of 1
5K967BG

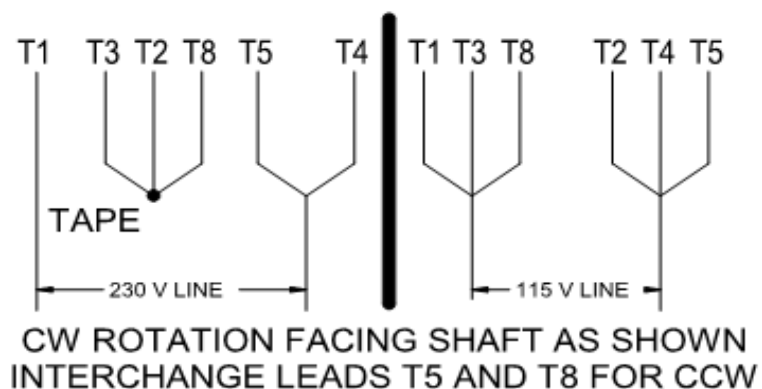
REV.
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Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

5K967BG

REV.
-

Motor Wiring Diagram 6 Lead, Single Phase, Dual Voltage



Connected for CW Rotation Facing 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	REV.
5K967BG		-

The Dayton logo consists of the word "Dayton" in a white, italicized, sans-serif font, set against a red rectangular background. A small registered trademark symbol (®) is located to the upper right of the word.Part
No.

5K967BG

INDUSTRIAL
MOTORSHAFT
END BRG 6206-2Z-J/C3OPP
END BRG 6205-2Z-J/C3

FR 184T

TYPE SER

ENCL TEFC

PH 1 MAX
AMB 40 °C ID#

INSUL CLASS F DUTY CONT WT 80 LB BAL

HP 3

RPM 1740

SF 1.0

HZ 60

VOLTS 115/230

MAX
KVARNEMA NOM
EFFICIENCY 81.9

AMPS 30.0/15.0

CODE H

DES L

SF AMPS

PF 79.8

GUARANTEED
EFFICIENCY

2041394-004 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

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