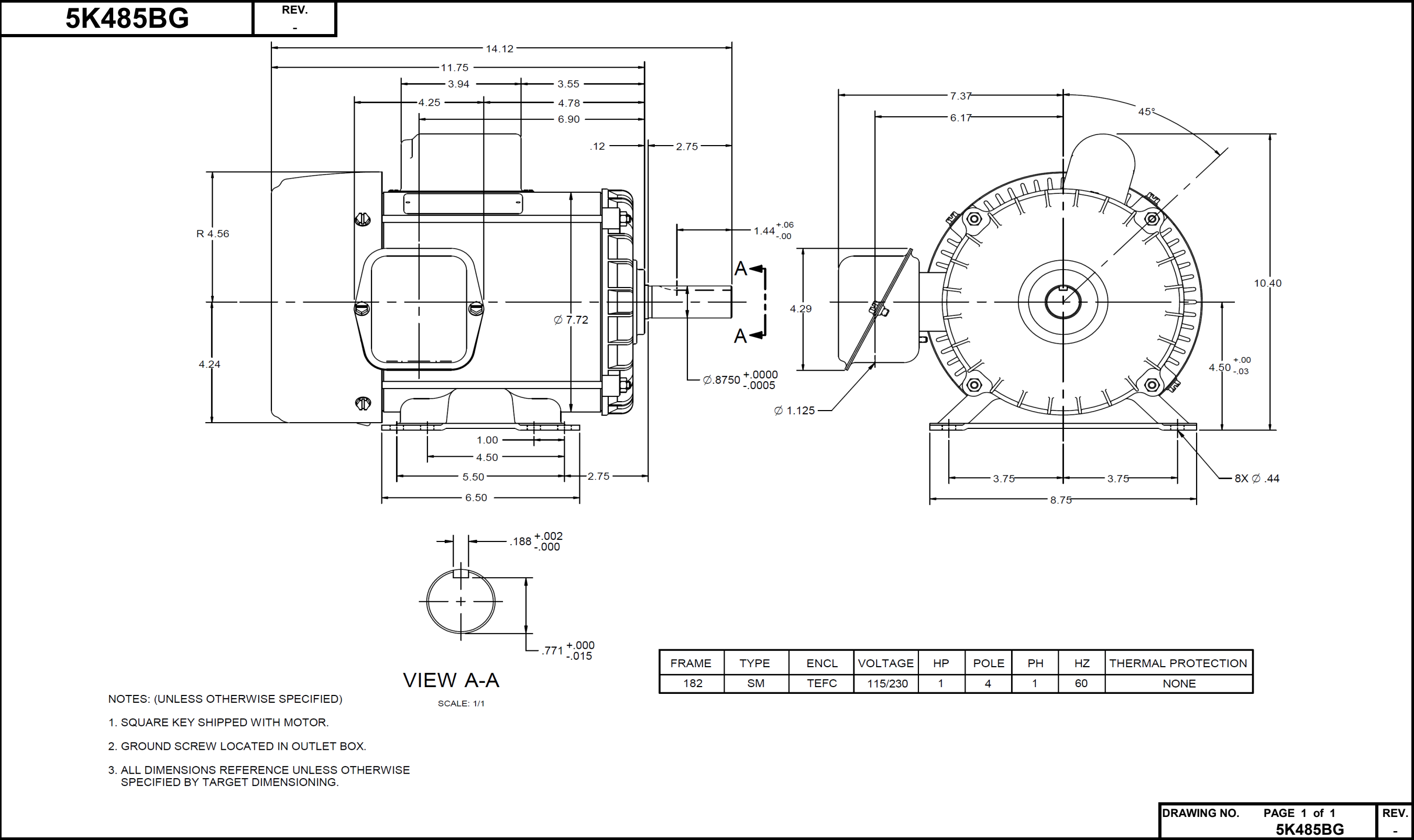


Dimensional Drawing



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

Performance Data

**5K485BG**REV.
-**MOTOR PERFORMANCE**

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
5K485BG	5K485BG	1	SM	182T

ORDER NO.	NA	LINE NO.
-----------	----	----------

HP:	1	1
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	74.9	74.9
3/4	72.9	72.9
1/2	67.7	67.7
1/4	53.7	53.7
POWER FACTOR (%):		
S.F.	-	-
FULL	73.5	73.5
3/4	65.5	65.5
1/2	54.1	54.1
1/4	38.0	38.0
AMPS:		
S.F.	-	-
FULL	13.8	6.9
3/4	10.2	5.1
1/2	9.0	4.5
1/4	8.0	4.0
NO LOAD	7.4	3.7
LOCKED ROTOR AMPS:	70	35
NEMA CODE LETTER	K	K
NEMA DESIGN LETTER	L	L
FULL LOAD RPM	1740	1740
THERMAL PROTECTION	-	-
TORQUES:		
BREAKDOWN{LB-FT}	8.3	8.3
LOCKED ROTOR{LB-FT}	10.2	10.2
PULL UP{LB-FT}	8.0	8.0
FULL LOAD{LB-FT}	3.0	3.0

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

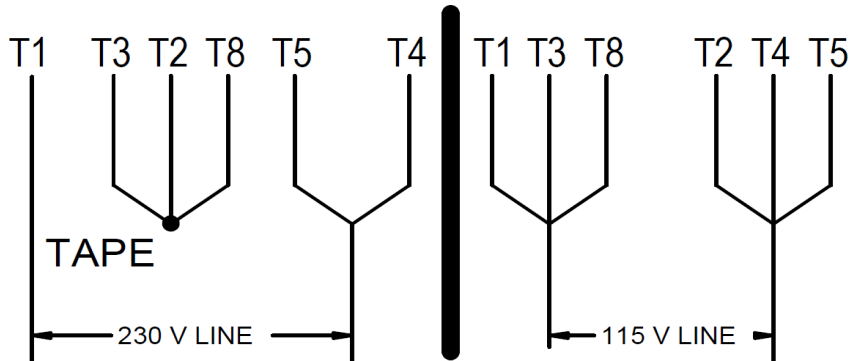
DRAWING NO.	PAGE 1 of 1	REV.
5K485BG		-

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

5K485BG

REV.
0

Motor Wiring Diagram
6 Lead, Single Phase, Dual Voltage



CW ROTATION FACING SHAFT AS SHOWN
INTERCHANGE LEADS T5 AND T8 FOR CCW

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.

The Dayton logo features the word "Dayton" in a stylized, italicized font with a registered trademark symbol, set against a red rectangular background.Part
No.

5K485BG

**INDUSTRIAL
MOTOR**SHAFT
END BRG 6206-2Z-J/C3OPP
END BRG 6205-2Z-J/C3

FR 182

TYPE SM

ENCL TEFC

PH 1 MAX
AMB 40 °C ID#INSUL
CLASS F

DUTY CONT

WT 72 LB

BAL

HP 1

RPM 1740

SF 1.0

HZ 60

VOLTS 115/230

MAX
KVARNEMA NOM
EFFICIENCY 74.9

AMPS 13.8/6.9

CODE K

DES L

SF AMPS

PF 72.0

GUARANTEED
EFFICIENCY

2041394-004 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

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