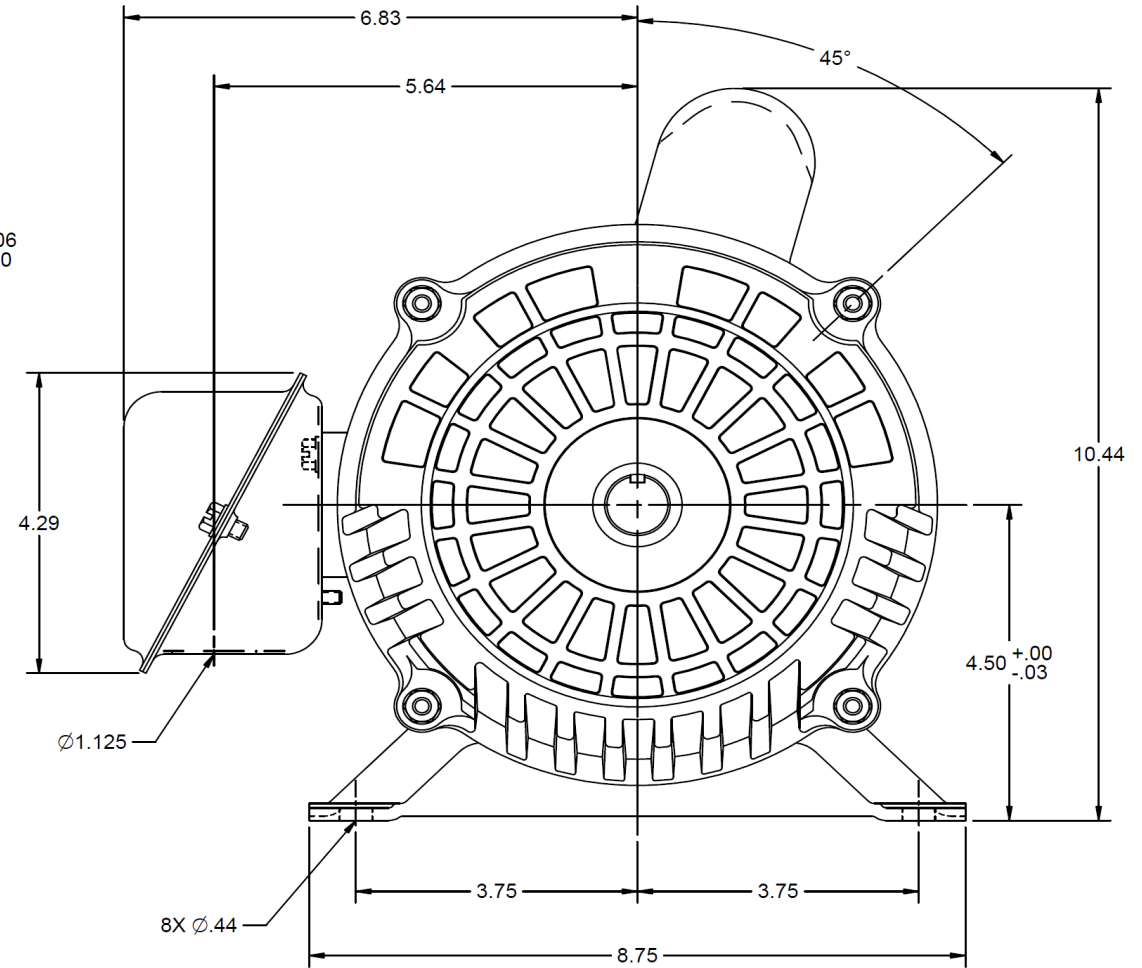
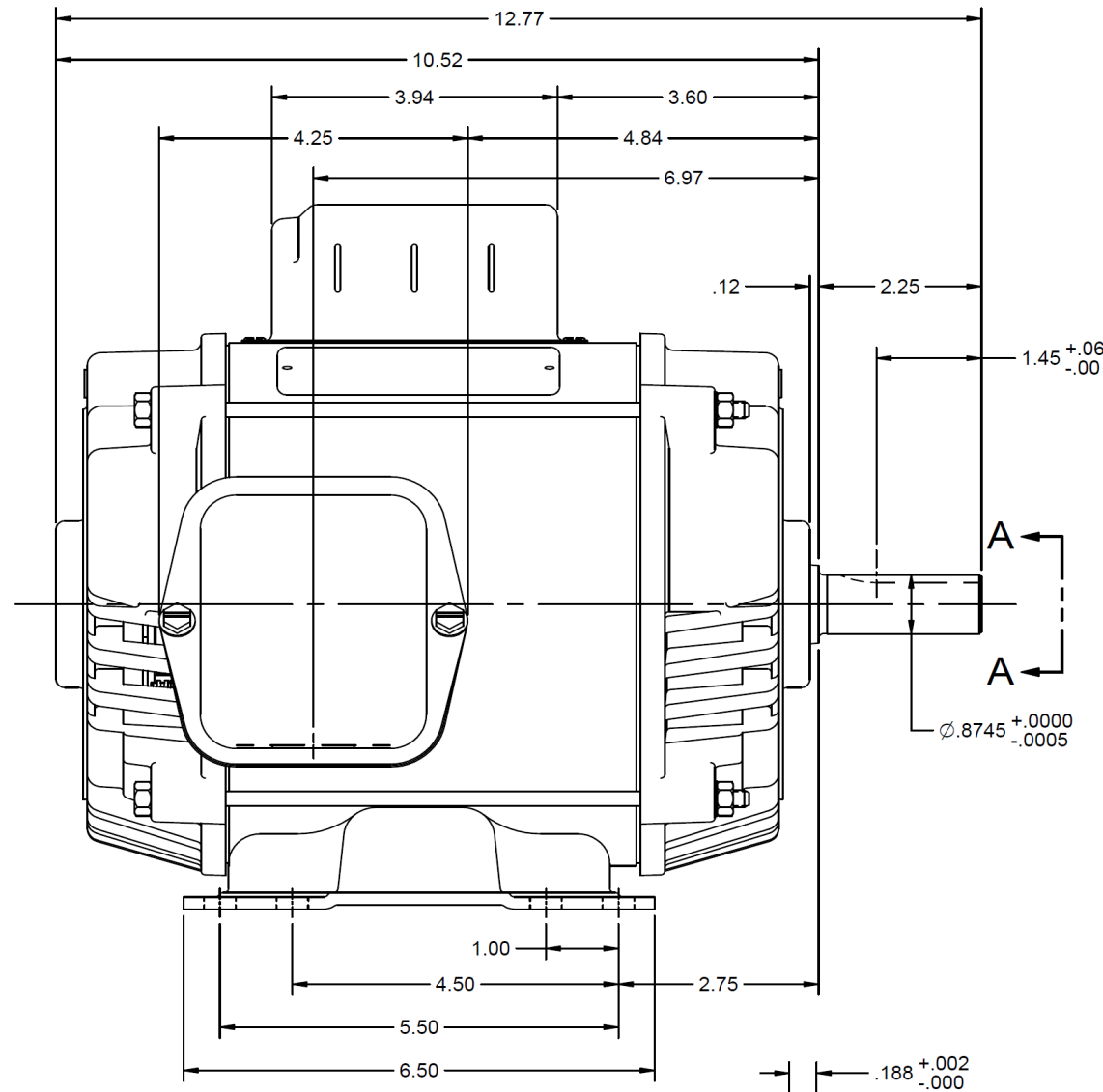


Dimensional Drawing



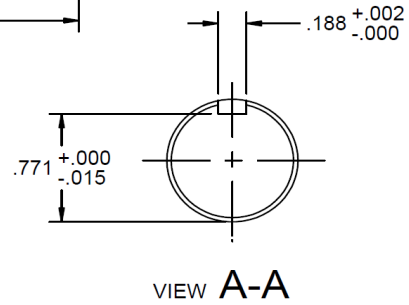
5K480BG

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.



FRAME	TYPE	ENCL	VOLTAGE	HP	POLE	PH	HZ	THERMAL PROTECTION
182	DM	ODP	115/230	1	4	1	60	NONE

DRAWING NO.	PAGE 1 of 1	REV.
	5K480BG	-

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

Performance Data

**5K480BG**REV.
-**MOTOR PERFORMANCE**

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
5K480BG	5K480BG	1	DM	182

ORDER NO.	NA	LINE NO.
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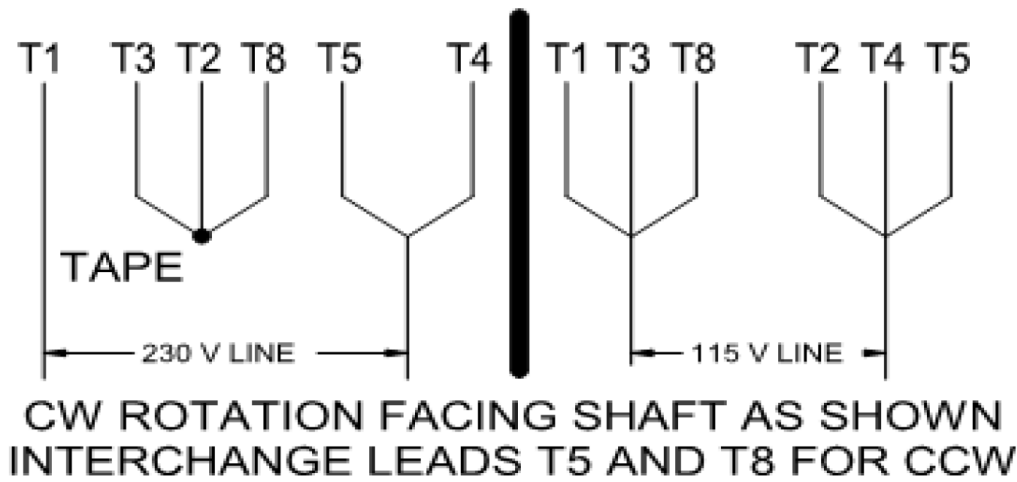
HP:	1	1
POLES:	4	4
HZ:	60	60
SERVICE FACTOR:	1.25	1.25
DUTY CYCLE:	CONTINUOUS	CONTINUOUS
ALTITUDE (FASL) FT:	3300	3300
MAX AMBIENT:	40°C	40°C
ENCLOSURE:	ODP	ODP
INSULATION CLASS:	F	F
VOLTS:	115	230
EFFICIENCY (%):		
S.F.	73.7	73.7
FULL	73.0	73.0
3/4	71.6	71.6
1/2	63.2	63.2
1/4	48.8	48.8
POWER FACTOR (%):		
S.F.	75.1	75.1
FULL	69.0	69.0
3/4	66.9	66.9
1/2	50.2	50.2
1/4	36.2	36.2
AMPS:		
S.F.	16.0	8.0
FULL	14.4	7.2
3/4	12.6	6.3
1/2	10.6	5.3
1/4	8.0	4.0
NO LOAD	9.2	4.6
LOCKED ROTOR AMPS:	80	45
NEMA CODE LETTER	K	K
NEMA DESIGN LETTER	L	L
FULL LOAD RPM	1750	1750
THERMAL PROTECTION	-	-
TORQUES:		
BREAKDOWN{LB-FT}	8.9	8.9
LOCKED ROTOR{LB-FT}	10.0	10.0
PULL UP{LB-FT}	8.5	8.5
FULL LOAD{LB-FT}	3.0	3.0

DRAWING NO. PAGE 1 of 1
5K480BGREV.
-**Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA**

5K480BG

REV.
0

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.

Part
No.**5K480BG****INDUSTRIAL
MOTOR**SHAFT
END BRG **6206-2Z-J/C3**OPP
END BRG **6204-2Z-J/C3**FR **182**TYPE **DM**ENCL **ODP**PH **1** MAX
AMB **40 °C** ID#INSUL
CLASS **F**DUTY **CONT** WT **46 LB**

BAL

HP **1**RPM **1750**SF **1.25**HZ **60**VOLTS **115/230**MAX
KVARNEMA NOM
EFFICIENCY **73.0**AMPS **14.4/7.2**CODE **K**DES **L**SF AMPS **16.0/8.0**PF **69.0**GUARANTEED
EFFICIENCY

2041394-004 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

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