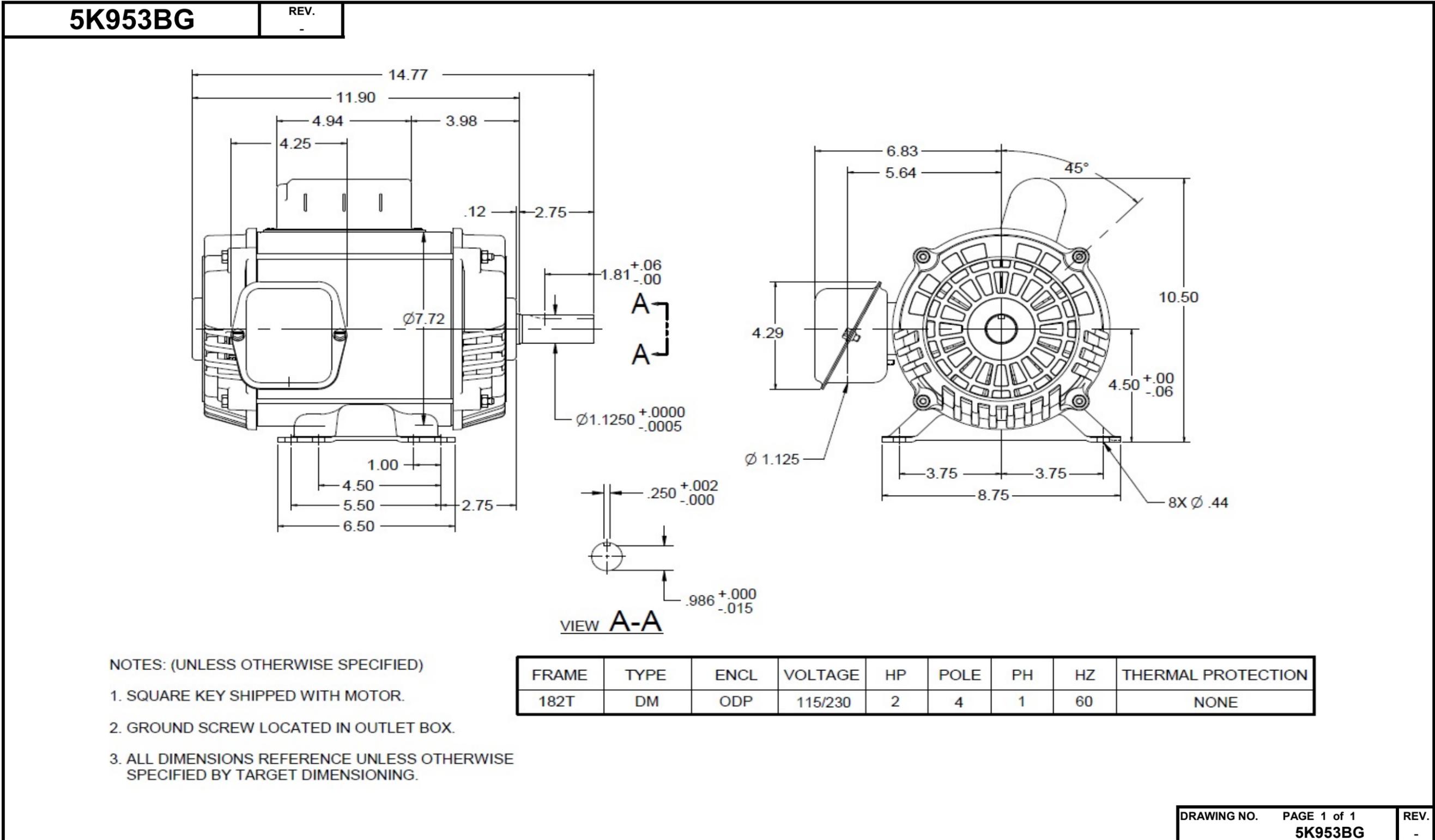


Dimensional Drawing



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

Performance Data



5K953BG

REV.
-

MOTOR PERFORMANCE

MODEL NO.	SKU NO.	PHASE	TYPE	FRAME
5K953BG	5K953BG	1	DM	182T

ORDER NO.	NA	LINE NO.
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HP:	2	2
POLES:	4	4
HZ:	60	60
SERVICE FACTOR:	1.15	1.15
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.	74.8	74.8
FULL	75.1	75.1
3/4	74.2	74.2
1/2	69.7	69.7
1/4	57.9	57.9
POWER FACTOR (%):		
S.F.	79.5	79.5
FULL	76.5	76.5
3/4	68.9	68.9
1/2	57.2	57.2
1/4	40.9	40.9
AMPS:		
S.F.	24.4	12.2
FULL	23.2	11.6
3/4	18.6	9.3
1/2	15.8	7.9
1/4	14.0	7.0
NO LOAD	13.0	6.5
LOCKED ROTOR AMPS:	126	63
NEMA CODE LETTER	J	J
NEMA DESIGN LETTER	L	L
FULL LOAD RPM	1730	1730
THERMAL PROTECTION	-	-
TORQUES:		
BREAKDOWN{LB-FT}	14.0	14.0
LOCKED ROTOR{LB-FT}	18.0	18.0
PULL UP{LB-FT}	13.5	13.5
FULL LOAD{LB-FT}	5.8	5.8

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

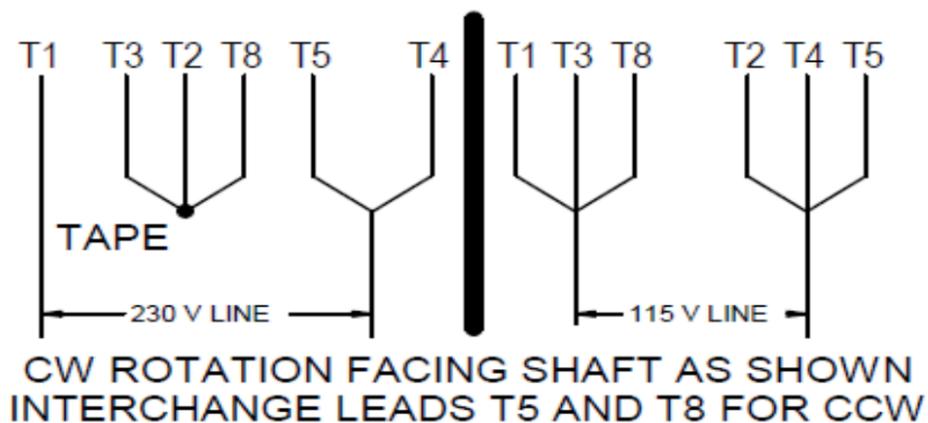
DRAWING NO.	PAGE 1 of 1	REV.
5K953BG		-

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5K953BG

REV.
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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.
5K953BG		-

Dayton[®]Part
No. **5K953BG****INDUSTRIAL
MOTOR**SHAFT
END BRG **6206-2Z-J/C3**OPP
END BRG **6204-2Z-J/C3**FR **182T**TYPE **DM**ENCL **ODP**PH **1** MAX
AMB **40 °C** ID#INSUL
CLASS **F** DUTY **CONT** WT **70 LB** BALHP **2** RPM **1730** SF **1.15** HZ **60**VOLTS **115/230**MAX
KVARNEMA NOM
EFFICIENCY **75.1**AMPS **23.2/11.6**CODE **J**DES **L**SF AMPS **24.4/12.2**PF **74.9**GUARANTEED
EFFICIENCY

2041394-004 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

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