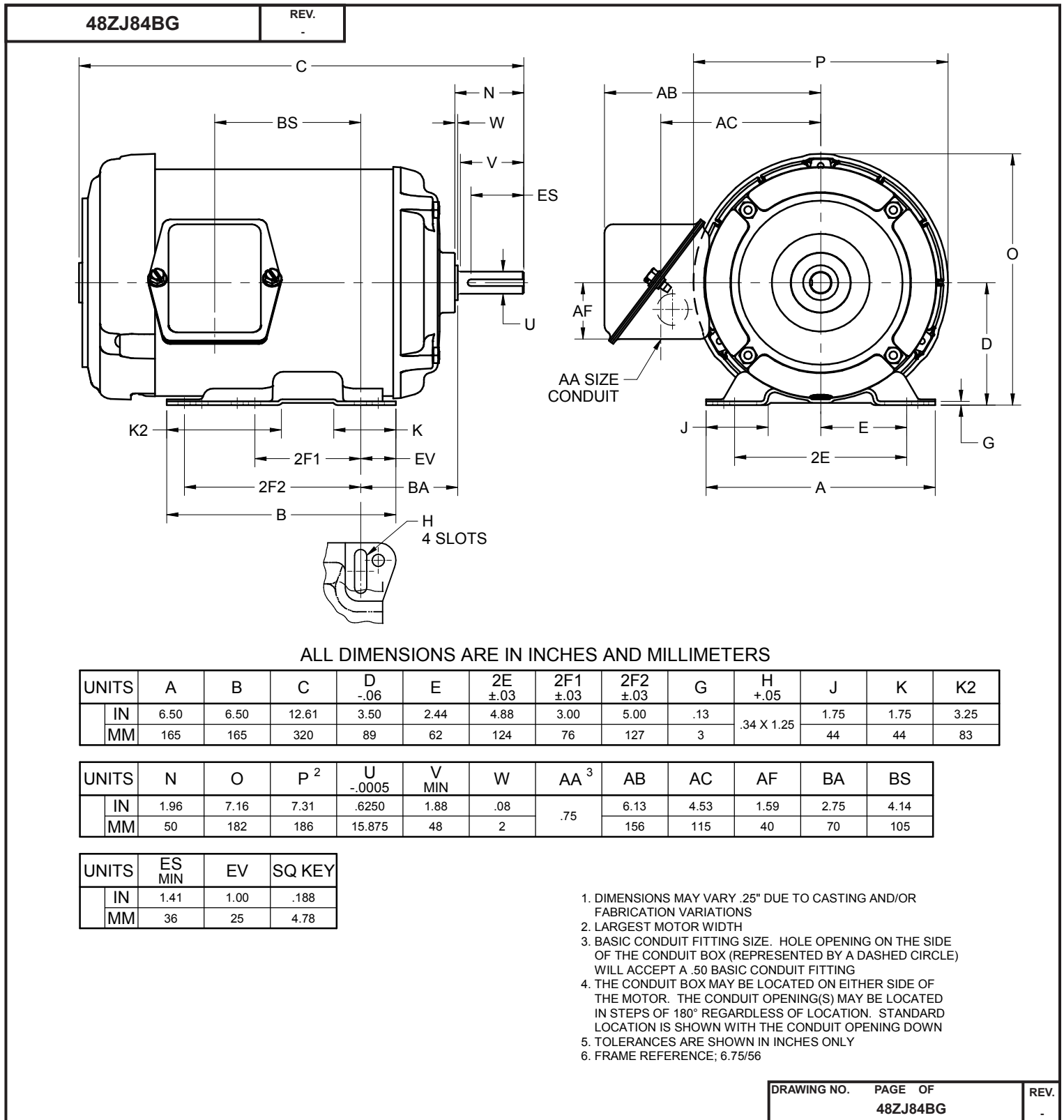




48ZJ84BG

 REV.
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MODEL NO.	CATALOG NO.	PHASE	TYPE	FRAME
48ZJ84	NA	3	UTE	56H

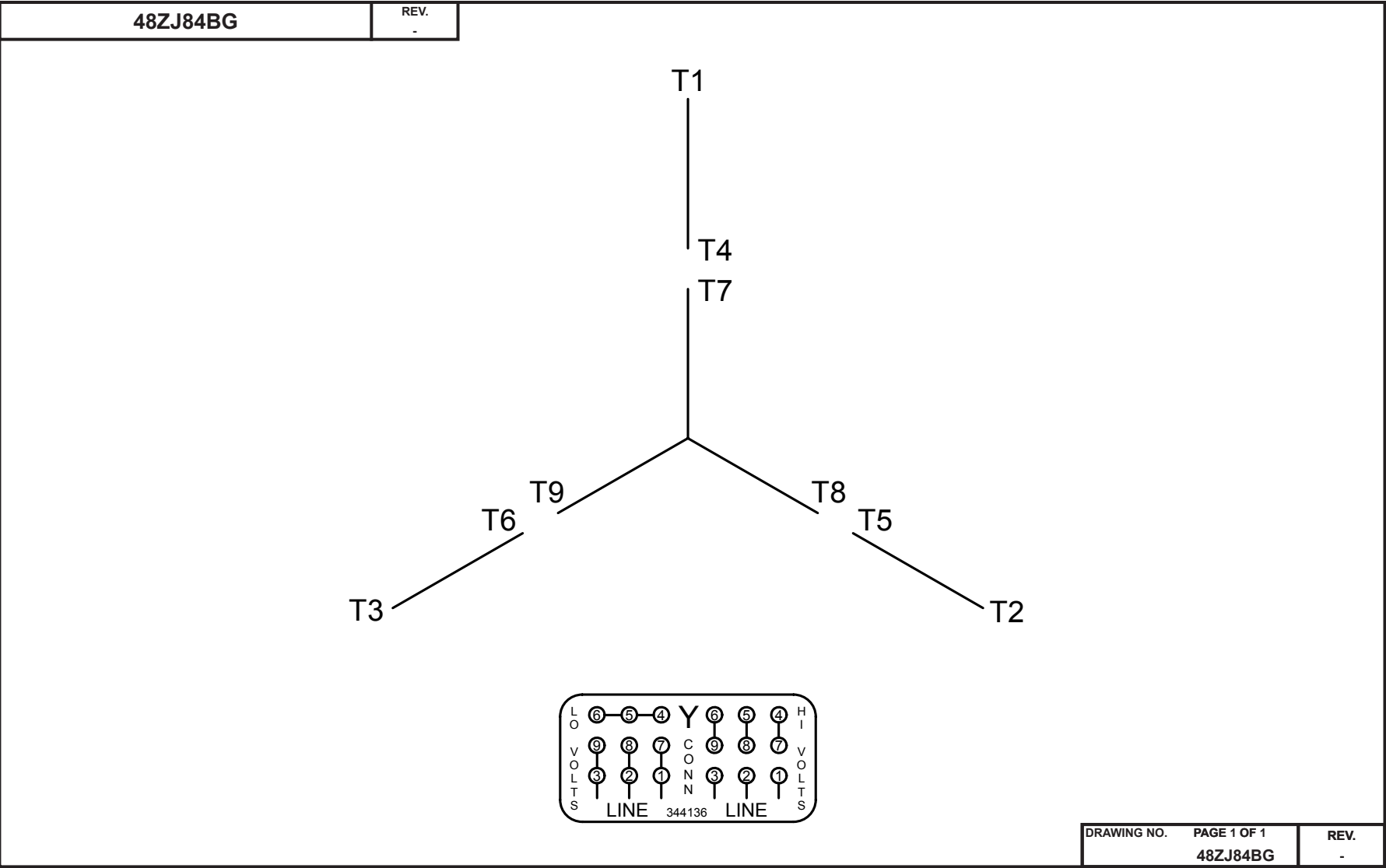
ORDER NO.	24455	LINE NO.
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MPI:	150992	150993	150994	150995	150996
HP:	1	1	1	1	1
POLES:	4	4	4	4	4
VOLTS:	460	230	208	380	190
HZ:	60	60	60	50	50
SERVICE FACTOR:	1.25	1.25	1.25	1	1
EFFICIENCY (%):					
S.F.	85.6	85.6	84.5		
FULL	85.5	85.5	84	84.1	84.1
3/4	84.8	84.8	85.3	84.8	84.8
1/2	81.6	81.6	83	83.1	83.1
1/4	71.6	71.6	74.2	75	75
POWER FACTOR (%):					
S.F.	79.5	79.5	83.6		
FULL	73.6	73.6	79	79.9	79.9
3/4	64.6	64.6	71.1	71.7	71.7
1/2	51.3	51.3	58.1	58.2	58.2
1/4	32.7	32.7	37.7	37.3	37.3
NO LOAD	8.5	8.5	9	8.4	8.4
LOCKED ROTOR	68	68	66.9	73.1	73.1
AMPS:					
S.F.	1.7	3.4	3.7		
FULL	1.5	3	3.1	1.7	3.4
3/4	1.3	2.6	2.6	1.4	2.8
1/2	1.1	2.2	2.1	1.2	2.3
1/4	1	2	1.9	1	2
NO LOAD	1	2	1.8	1	1.9
LOCKED ROTOR	13.7	27.3	24.3	12.2	24.3
NEMA CODE LETTER	M	M	K	K	K
NEMA DESIGN LETTER	B	B	B	B	B
FULL LOAD RPM	1755	1755	1740	1440	1440
NEMA NOMINAL / EFFICIENCY (%)	85.5	85.5	84	84.1	84.1
GUARANTEED EFFICIENCY (%)	82.5	82.5	81.5	81.5	81.5
MAX KVAR	0.7	0.7	0.6	0.6	0.5
AMBIENT (°C)	40	40	40	40	40
ALTITUDE (FASL)	3300	3300	3300	3300	3300
SAFE STALL TIME-HOT (SEC)	18	18	23	23	23
SOUND PRESSURE (DBA @ 1M)	0	0	0	0	0
TORQUES:					
BREAKDOWN{% F.L.}	530	530	426	396	396
LOCKED ROTOR{% F.L.}	419	419	332	330	330
FULL LOAD{LB-FT}	3	3	3	3.7	3.7

NEMA Nominal and Guaranteed Efficiencies are up to 3,300 feet above sea level and 25 ° C ambient

DRAWING NO.	PAGE OF	REV.
	48ZJ84BG	-

Wiring Diagram



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

DaytonPart
No. **48ZJ84****INDUSTRIAL
MOTOR**

CC 030A

NEMA
PremiumSHAFT
END BRG **6205-2Z-J/C3**OPP
END BRG **6203-2Z-J/C3**FR **56H**TYPE **UTE**ENCL **TEFC**PH **3** MAX
AMB **40 °C** ID#INSUL
CLASS **F** DUTY **CONT** WT **30 LB** BALHZ **60** HP **1** RPM **1755**SF **1.25** DESIGN **B** CODE **M**GUARANTEED
EFFICIENCY **82.5** MAX
KVAR **.7**NEMA NOM
EFFICIENCY **85.5** NOM
PF **73.6**VOLTS **208-230/460**FL AMPS **3.1-3.0/1.5**SF AMPS **3.4/1.7**HZ **50** HP **1** RPM **1440**SF **1.00** DESIGN **B** CODE **K**GUARANTEED
EFFICIENCY **81.5** MAX
KVAR **.6**NEMA NOM
EFFICIENCY **84.1** NOM
PF **79.9**VOLTS **190/380**FL AMPS **3.4/1.7**

SF AMPS

644771-007 MADE IN MEXICO OF IMPORTED AND DOMESTIC COMPONENTS

Mfd. for Dayton Electric Mfg. Co.
Lake Forest, IL 60045 USAENERGY
EFFICIENCY
US
E47479**CSA**
258525