

# PRODUCT INFORMATION PACKET



Model No: A4T17DJ13DP

Catalog No: 100908.00

3/4HP..1725RPM.S56.DP.230/460V.3PH.60HZ.CONT.40C.1.25SF.RESILIENT BASE..AUTOMATIC.....

Open Drip Proof (ODP)



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### Nameplate Specifications

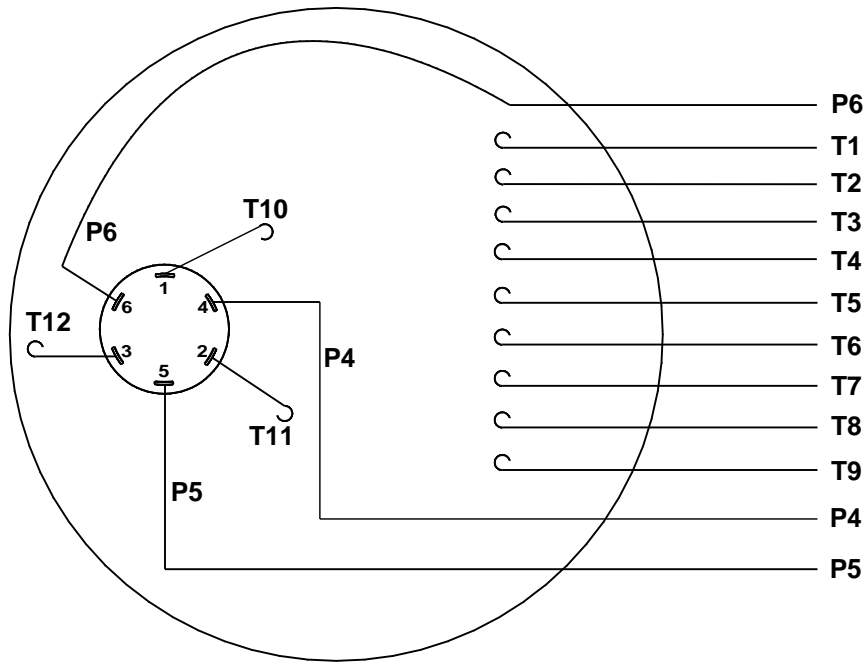
Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>2.8/1.4 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.25</b>	Phase	<b>3</b>
Efficiency	<b>75 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>S56</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>Automatic</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>22</b>		

### Technical Specifications

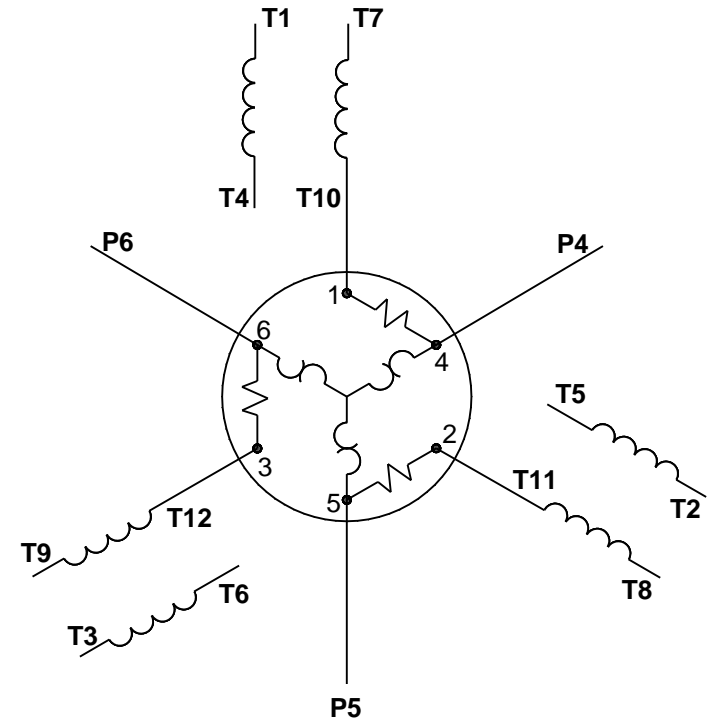
Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Resilient Base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>11.81 in</b>	Frame Length	<b>7.00 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>031624-700</b>	Connection Diagram	<b>005020.01</b>

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN	SEPARATE
HIGH	T1	T2	T3	(T4, T7) (T5, T8) (T6, T9)	(P4), (P5), (P6)
LOW	T1, T7	T2, T8	T3, T9	(T4, P4) (T5, P5) (T6, P6)	

DRAWING REVISION D REVISION BY SM DATE 9/26/2016

ECO ECO-0109970 APPROVED BY SM DATE 9/26/2016

ECO DESCRIPTION UPDATED TO NEW TEMPLATE

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°  
CORNER FILLETS: R.02 [.51]  
MACHINED SURFACES: 125/ INCH 3.2/ mm

mm SHOWN IN [BRACKETS]

DRAWN BY ADH 02/25/74

DATE

APPROVED BY JCW 03/11/74

DATE

REFERENCE

THIRD ANGLE PROJECTION

**REGAL**™ Regal Beloit America, Inc.

DESCRIPTION  
**CONN DIAGRAM-EXTERNAL**  
TYPE "T" W/PROTECTOR

MATERIAL DECAL - 004023 PROCESS/FINISH ECO LAB

SIZE A DRAWING NUMBER 00502001 SHEET 1 OF 1

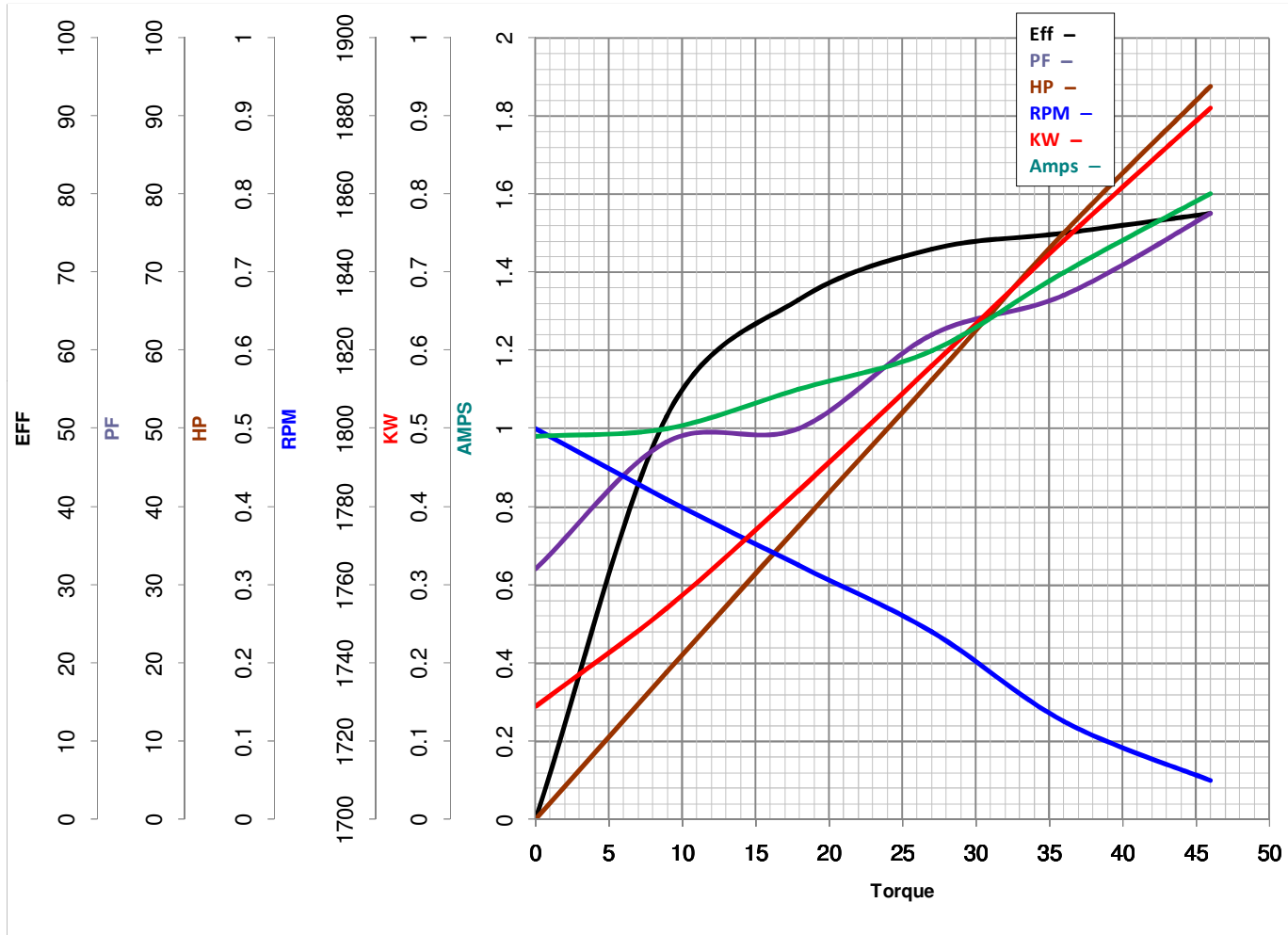


**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 100908.00

Catalog No 100908.00

Curve at 460 Volts      HP 0.75      PHASE 3  
60 HZ  
0.75 HP      VOLTS 230/460  
HZ 60      RPM 1725



Torque in Oz.Ft

FL TORQUE 36 Oz.Ft  
 BD TORQUE 162.0 Oz.Ft  
 LR TORQUE 137.6 Oz.Ft

FL AMPS 2.8/1.4  
 PU TORQUE 154.6 Oz.Ft  
 LR AMPS 8.6

WINDING TE48412-3

Date 6/5/2018