

# PRODUCT INFORMATION PACKET



Model No: C6T14FC7C

Catalog No: 114896.00

1HP..75kW.1425RPM.56.IP54.220/380V.3PH.50HZ.CONT.NOT.40C.1.15SF.C FACE.50  
HERTZ.C6T14FC7C  
50 Hz



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### Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	50 Hz	Voltage	220/380/440 V
Current	3.5/2.0/1.8 A	Speed	1425 rpm
Service Factor	1.15	Phase	3
Efficiency	77 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	J	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	54		

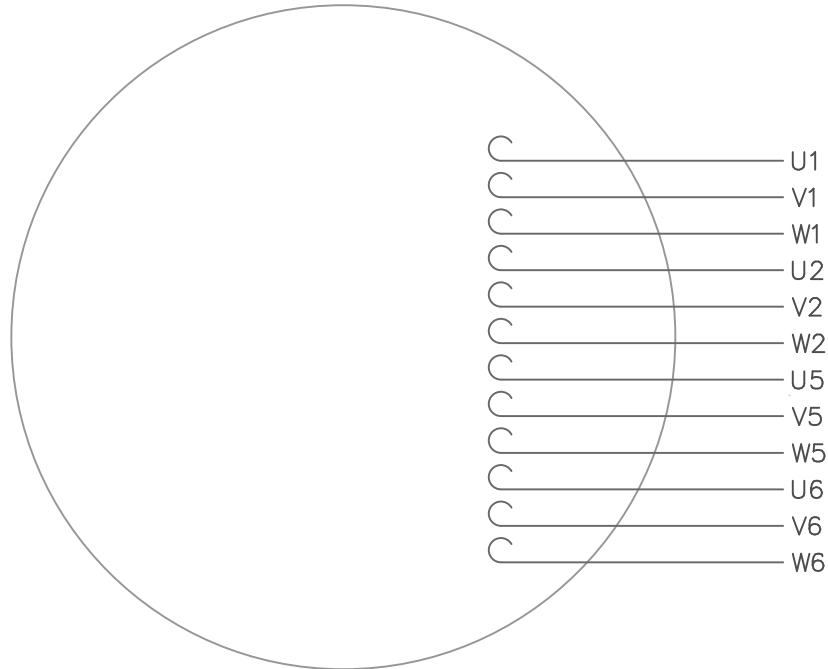
### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	10.98 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028776-550	Connection Diagram	005381.01

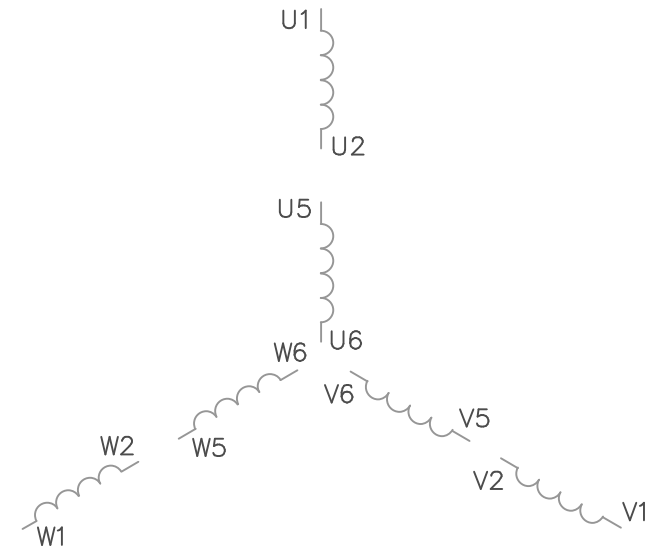
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN
(2Δ) LOW	U1,W2 U5,W6	V1,U2 V5,U6	W1,V2 W5,V6	-----
(2Y) MEDIUM	U1,U5	V1,V5	W1,W5	(U2,V2,W2) (U6,V6,W6)
(1Δ) HIGH	U1,W6	V1,U6	W1,V6	(U2,U5) (V2,V5) (W2,W5)

TOLERANCES UNLESS OTHERWISE SPECIFIED

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

**LEESON** ELECTRIC CORPORATION

DRAWN GWS 2/23/96 TITLE EXT. WIRING DIAGRAM  
CH'K'D. TYPE "T" W/O PROTECTOR

APPR. MAT'L. DECAL - 080590

SCALE 1=1 REF. 005352 PG 3 FINISH STOCK SIZE A DRAWING NO. 005381-01

1	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97
NO.	REVISION	BY	DATE

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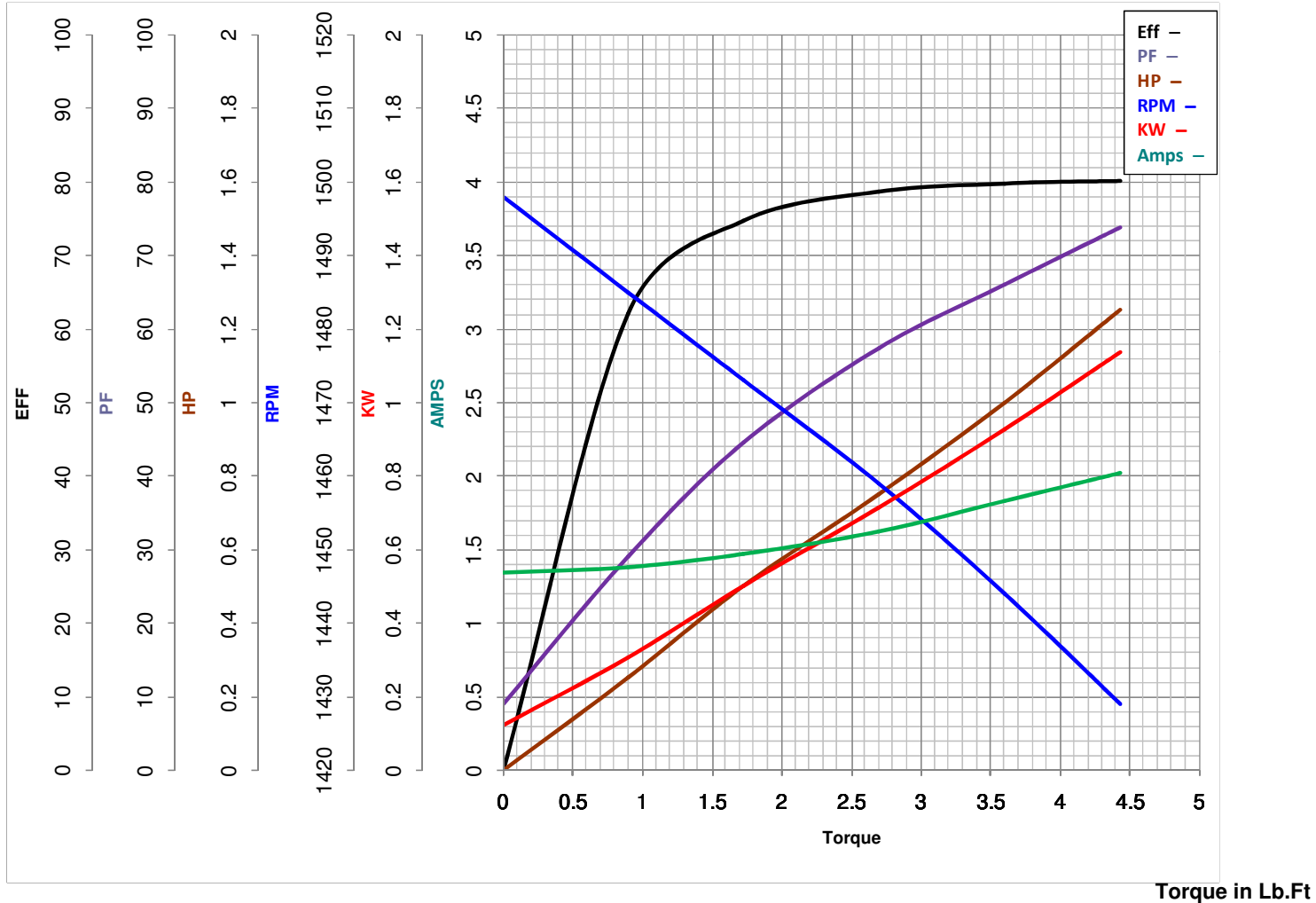


**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 114896.00

Catalog No 114896.00

Curve at 440 Volts      HP 1.00      PHASE 3  
50 HZ  
1 HP      VOLTS 220/380/440  
HZ 50      RPM 1425



FL TORQUE	<u>3.6</u>	Lb.Ft	FL AMPS	<u>3.5/2/1.75</u>
BD TORQUE	<u>11.5</u>	Lb.Ft	PU TORQUE	<u>8.6</u> Lb.Ft
LR TORQUE	<u>8.9</u>	Lb.Ft	LR AMPS	<u>8.64</u>
WINDING	T634219-4		Date	5/25/2018