

PRODUCT INFORMATION PACKET



Model No: C4T34DK5B

Catalog No: 101776.00

..3/4HP..3450RPM.S56J.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C.C4T34DK5B.....JET
PUMP.NOT.....

Jet Pump



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Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	230/460 V
Current	2.4/1.2 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	79 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	K	Frame	S56J
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	22		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	J
Overall Length	10.00 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	2.44 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031801-550	Connection Diagram	005010.01

031801

"C" REF.

"AD" ±.06

1/2-14 NPT
CONDUIT HOLE

NAMEPLATE

.004 H

.12

2.56

2.44

.69

+ .000
- .003
ø4.5007/16-20 UNF 2A
RIGHT HAND THREAD

.004 H

FLINGER

.34

3.00

2.56 ±.09

3.75

SCREWDRIVER SLOT
IN SHAFT

DASH NO.	"C"	"AD"	DASH NO.	"C"	"AD"
500	9.50	3.68	600	10.50	4.68
525	9.75	3.93	625	10.75	4.93
550	10.00	4.18	650	11.00	5.18
575	10.25	4.43	675	11.25	5.43

TOLERANCES
UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.03

.XXX ±.005

.XXXX ±.0005

ANG ±1/2°

TITLE

OUTLINE - S56J FRAME
RIGID "C" FACE - DRIP PROOF

MAT'L.

3 PHASE

FINISH

DRAWN PG 02/16/05

CHK

APPD PG 02/16/05

SCALE 1=2

REF 031629

FMF 101775.00

PREV

NO. REVISION

BY & DATE

CHK

RFP

DIST

CAD FILE

031801

SIZE

A

DRAWING NO.

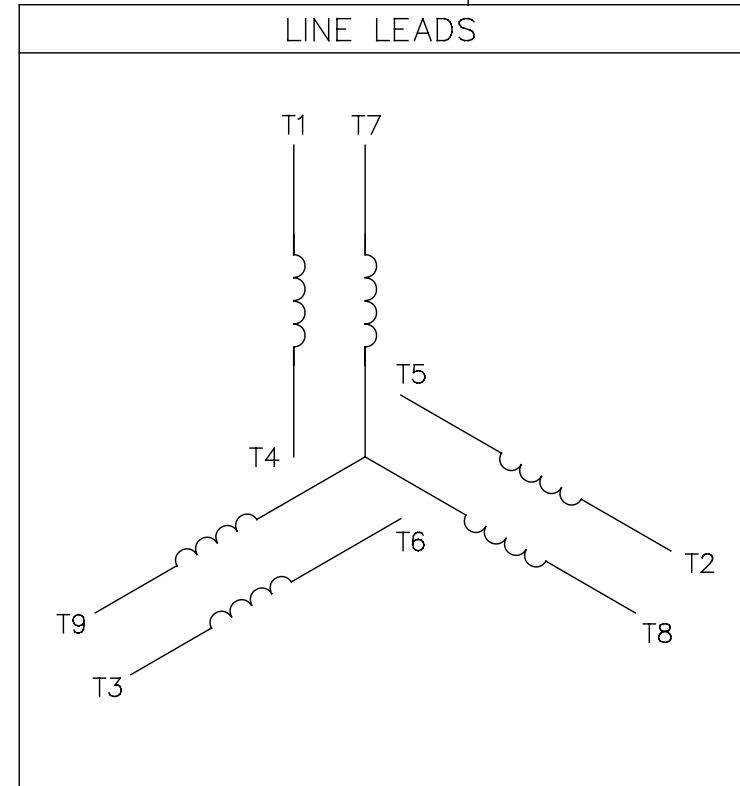
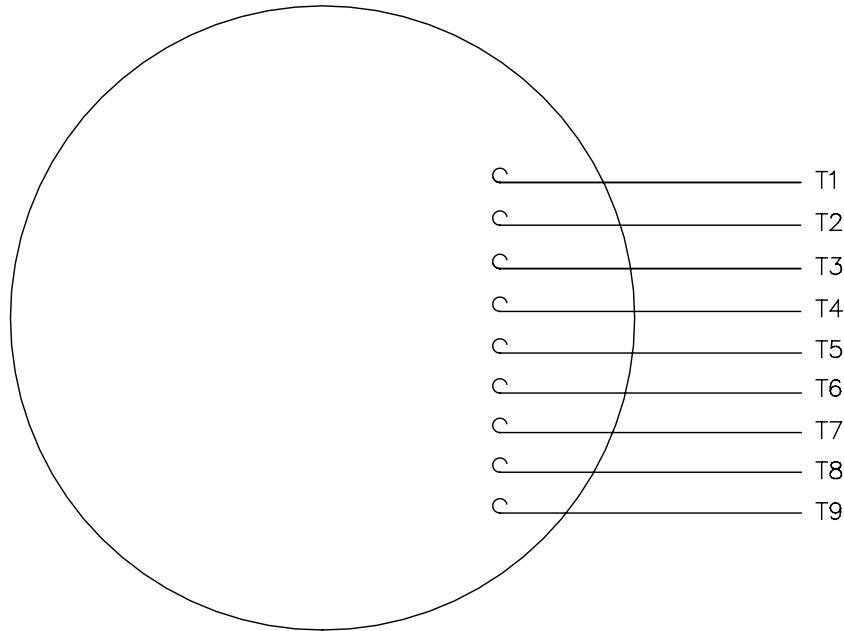
031801

REV.

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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RDW 04/12/02		
				DEC.	INCHES		CHK		
				.X	±.1		APPD		
				.XX	±.01		SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005		MAT'L. DECAL - 004014	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV		
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			DIST BRF-NLV				A	005010-01	A



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101776.00Catalog No 101776.00

Curve at

460

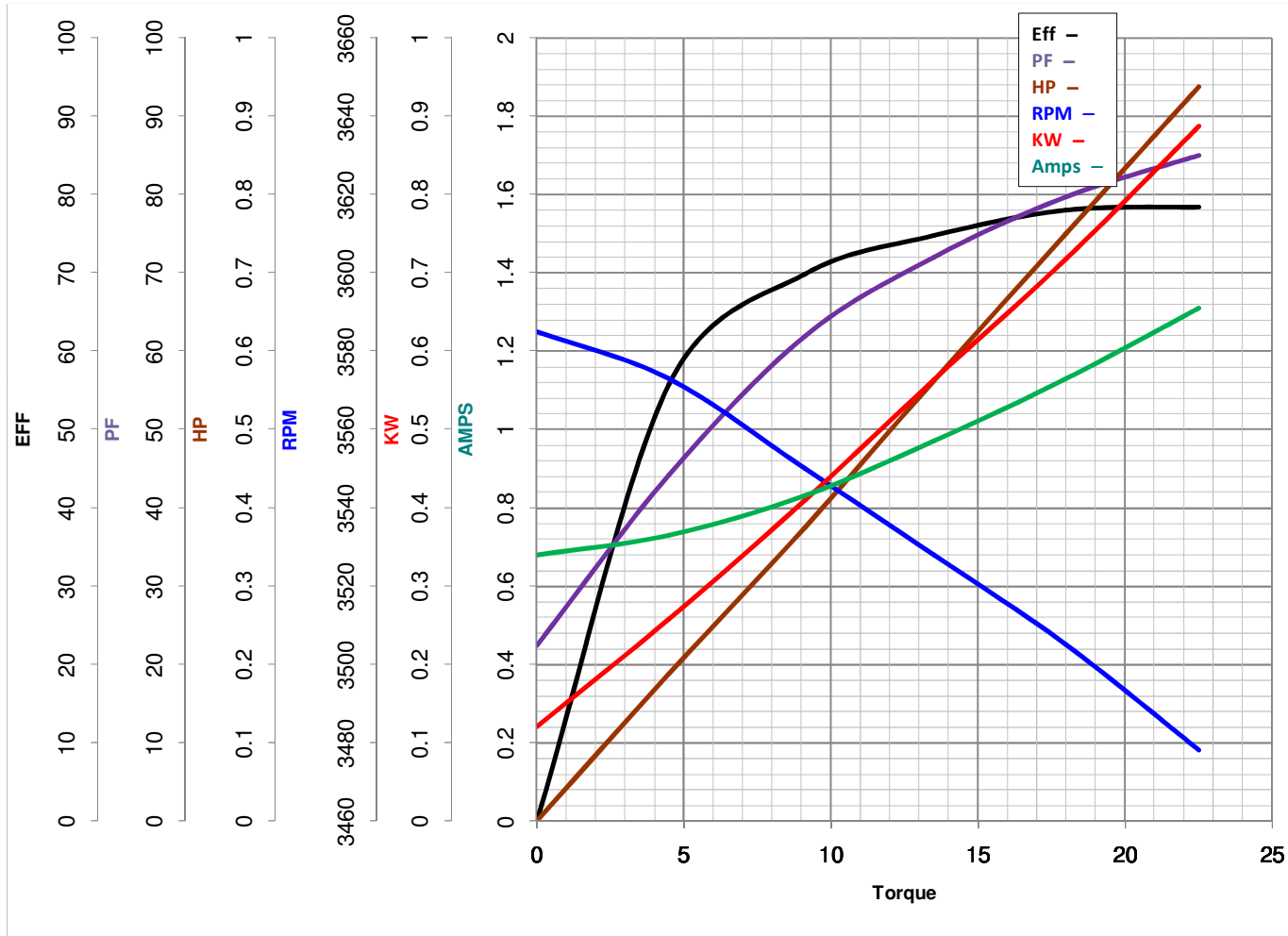
Volts

HP 0.75PHASE 360

HZ

VOLTS 230/4600.75

HP

HZ 60RPM 3450

Torque in Oz.Ft

FL TORQUE 18 Oz.Ft
 BD TORQUE 73.3 Oz.Ft
 LR TORQUE 53.6 Oz.Ft

FL AMPS 2.4/1.2
 PU TORQUE 48.0 Oz.Ft
 LR AMPS 8.54

WINDING T5527-3

Date 5/28/2018