

# PRODUCT INFORMATION PACKET



Model No: C4T34DC21D

Catalog No: 101638.00

1HP..3450RPM.NAN.DP.230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.C FACE.JET PUMP.C4T34DC21D  
Jet Pump



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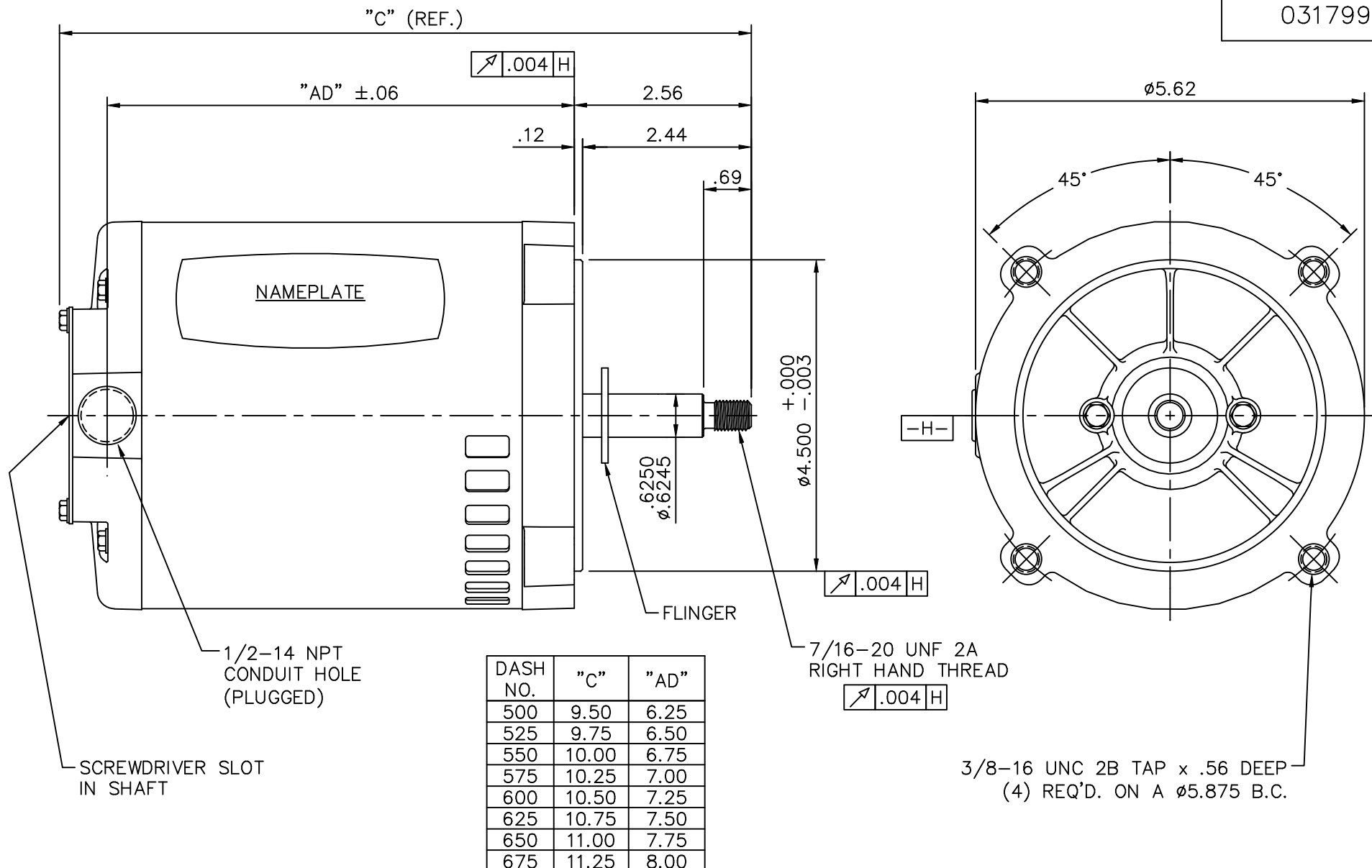
### Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.0/1.5 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	78 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	L	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	23		

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	J
Overall Length	11.44 in	Frame Length	6.75 in
Shaft Diameter	0.625 in	Shaft Extension	2.44 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031799-675	Connection Diagram	005010.01

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DASH NO.	"C"	"AD"
500	9.50	6.25
525	9.75	6.50
550	10.00	6.75
575	10.25	7.00
600	10.50	7.25
625	10.75	7.50
650	11.00	7.75
675	11.25	8.00



ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

DRAWN	PG 02/16/05
CHK	
APPD	PG 02/16/05
SCALE	1=2
REF	031799
FMF	101637.00
PREV	

TITLE  
OUTLINE - S56J FRAME  
"C" FACE MOUNT - DRIP PROOF

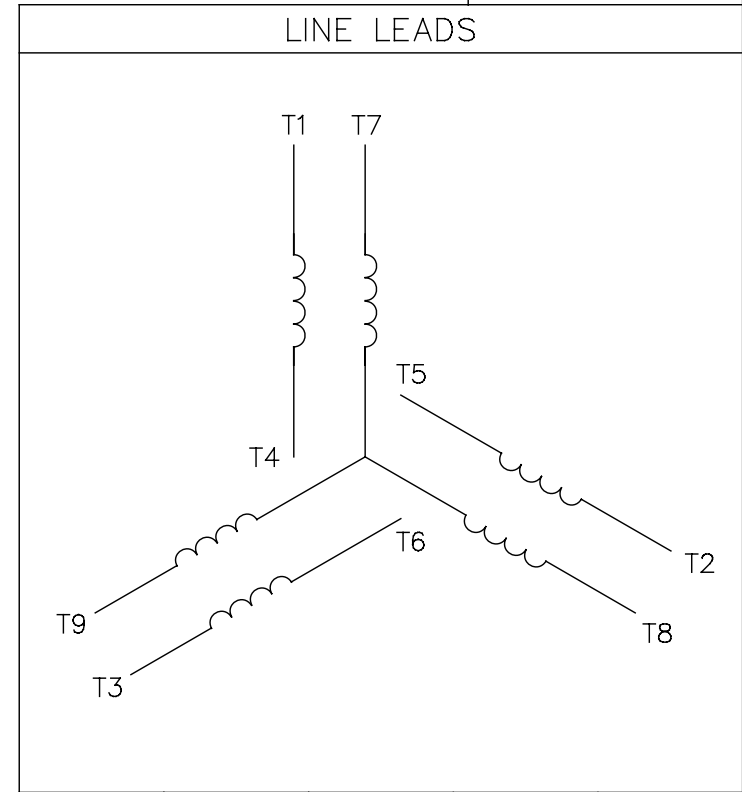
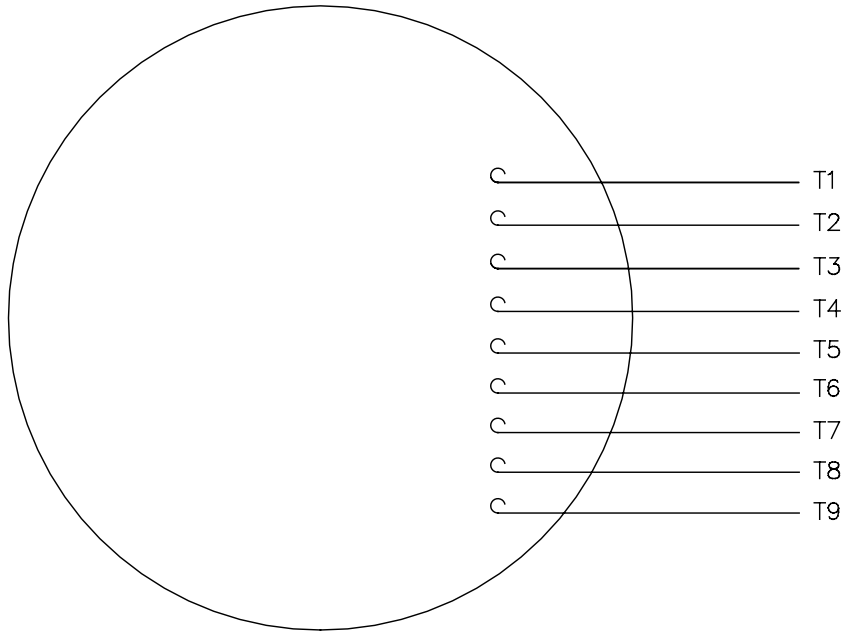
NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH
				DEC.	INCHES	
				.X	±.1	
				.XX	±.03	
				.XXX	±.005	
				.XXXX	±.0005	
				ANG	±1/2°	

THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE	031799	SIZE	DRAWING NO.	REV.
			DIST			A	031799	

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ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--
STACK :
  /im
  -savelevel-
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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		<b>Regal Beloit America, Inc.</b>		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01			SCALE 1=1			
				.XXX	±.005	TITLE		REF FIG.2-51			
A	UPDATED TO REGAL LOGO		SAJ 06/26/15	AJY	.XXXX ±.0005	MAT'L.		FMF			
NO.	REVISION		BY & DATE	CHK	ANG ±1/2"	FINISH		PREV			
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						DIST	BRF-NLV			A	005010-01



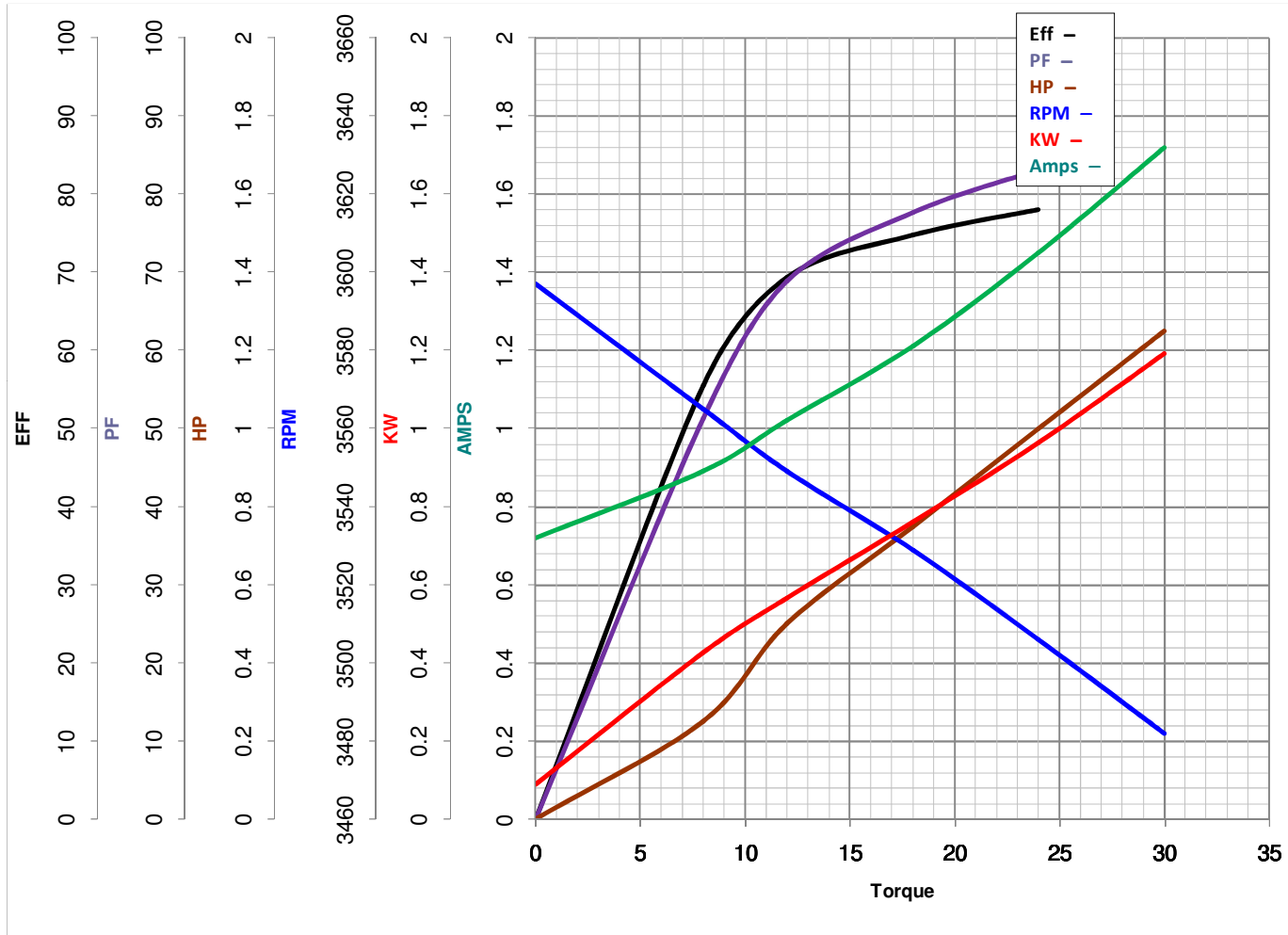
**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101638.00

Catalog No 101638.00

Curve at 460 Volts      HP 1&0.75      PHASE 3  
60 HZ  
1 HP      VOLTS 230/460&190/380

HZ 60&50      RPM 3450&2850



Torque in Oz.Ft

FL TORQUE 24 Oz.Ft  
BD TORQUE 28.3 Oz.Ft  
LR TORQUE 17.6 Oz.Ft

FL AMPS 3/1.5  
PU TORQUE 21.6 Oz.Ft  
LR AMPS 14.5

WINDING T55222-3

Date 5/23/2018