

PRODUCT INFORMATION PACKET



Model No: C6T17DK35A

Catalog No: 117876.00

117876.00..1 1/2HP..1725RPM.56J.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.C6T17DK35.....JET
PUMP.NONE.....

Jet Pump



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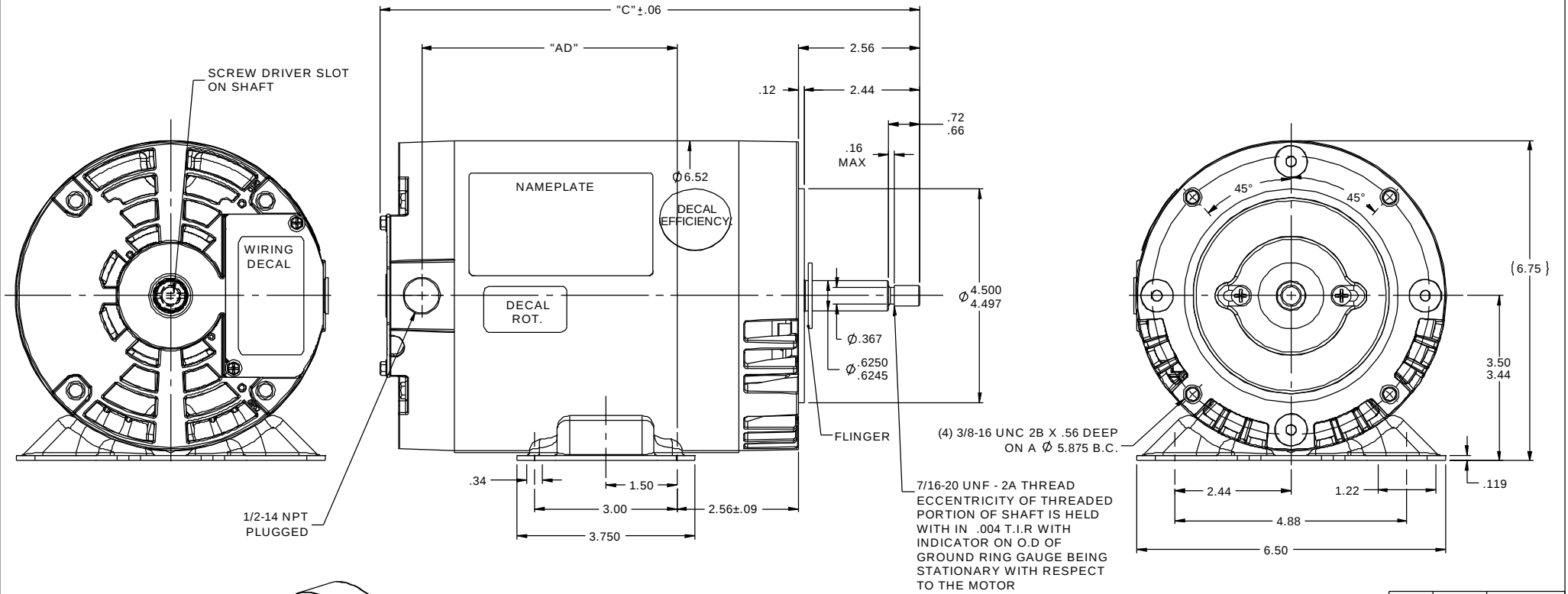
Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	5.6/2.8 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	78.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	K	Frame	56J
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	4	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	11.37 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	2.44 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	029043-600	Connection Diagram	005010.01

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NOTES:
STAINLESS STEEL SHAFT

MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

DASH NO.	"C"	"AD"
550	10.87	4.88
600	11.37	5.38
650	11.87	5.88
700	12.37	6.38
750	12.87	6.88

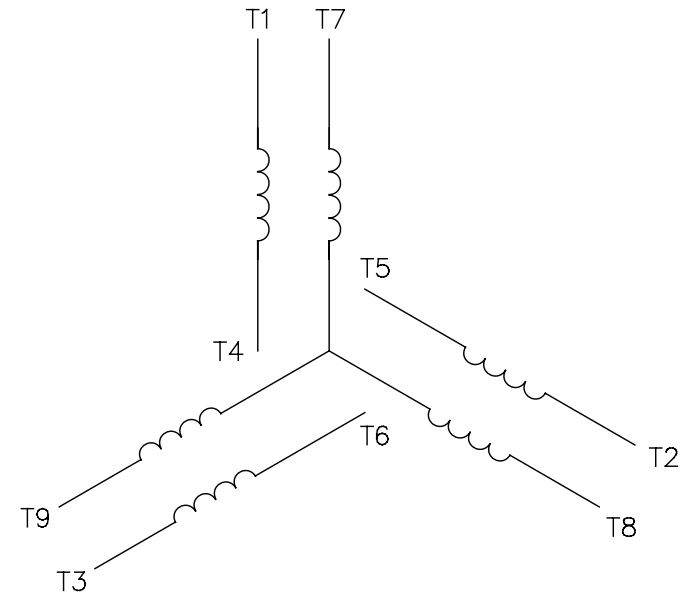
				TOLERANCES UNLESS SPECIFIED	 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN VS 03/20/13	
				DEC INCHES		CHK	
				X $\pm .1$		APPR	
				XX $\pm .03$		SCALE 1:2	
				XXX $\pm .005$		REF 028541	
				XXXX $\pm .0005$	MAT'L	FMF 117876.00	
				NO	REVISION	BY & DATE	CHK
				THIRD ANGLE PROJECTION		ANG $\pm 1/2^\circ$	FINISH
				RFP		PREV	SIZE
				NETWORK FILE NAME 029043		DRAWING NO 029043	
						PAGE OF	
						REV	

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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	
				AJY .XXXX	±.0005		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV	
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014		
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	04/12/02	CAD FILE 00501001	SIZE A	DRAWING NO. 005010-01
				DIST	BRF-NLV			REV. A

DATA VOLTS: 460

TYPICAL MOTOR PERFORMANCE DATA

*** SUPPLEMENTAL INFORMATION ***

DATE:	2/1/2018	
BRAKE:	NONE	NONE
FT.LB:	NONE	NA
VOLTAGE:	NONE	HZ
UL:	Y-(LEESON UL REC)	

Data Sheet

Date: 1/24/2018

117876.00



Data @ 460 V

Motor Load Data

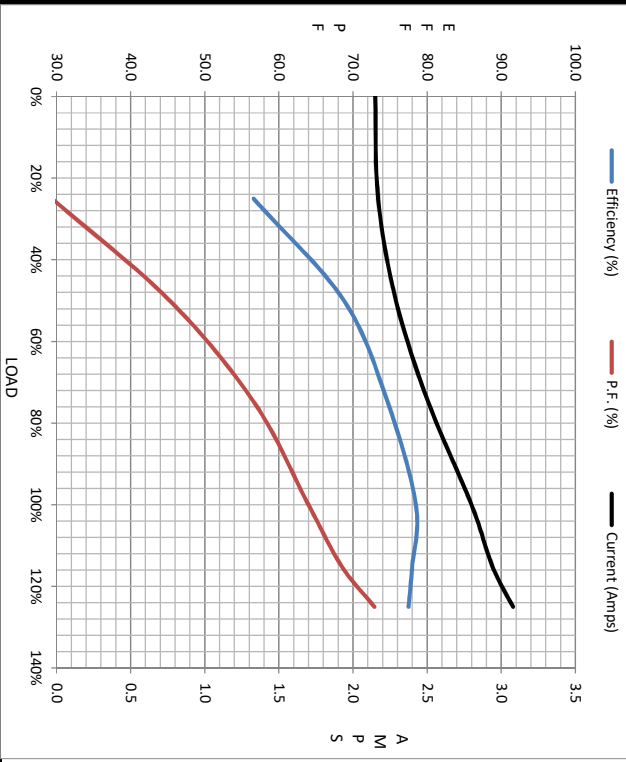
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	2.15	2.17	2.29	2.51	2.80	2.94	3.1	16.8	
Torque (ft-lb)	0.00	1.13	2.25	3.4	4.5	5.1	5.6	13.5	
RPM	1800	1787	1774	1762	1750	1,744	1734	0	
Efficiency (%)		56.6	68.8	74.7	78.5	78.0	77.5		
P.F. (%)	11.7	29.4	45.3	56.7	64.0	68.5	72.9	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1750	1800
Current (Amps)	16.8	15.5	10.1	2.80	2.15
Torque (ft-lb)	13.5	13.4	17.5	4.5	0.00

Information Block

HP	1.5
Sync. RPM	1800
Frame	140
Enclosure	DP
Construction	NA
Voltage	230/460 V
Frequency	60 Hz
Design	B
LR Code letter	K
Service Factor	1.15
Temp Rise @ FL	60 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk ²	0.09 lb-Ft ²
Ref Wdg	T634196 DR
Sound Pressure @ 1M	0 dBA
VFD Rating	NONE
Outline Dwg	029043-600
Conn. Diag	005010.01
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	0.0000



Speed -Torque Curve

