

PRODUCT INFORMATION PACKET



Model No: C6T34DC92A
Catalog No: 116698.00
..5HP..3490RPM.56.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.C
FACE.C6T34DC92A.....NOT....3.7/2.2kW...
Jet Pump



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





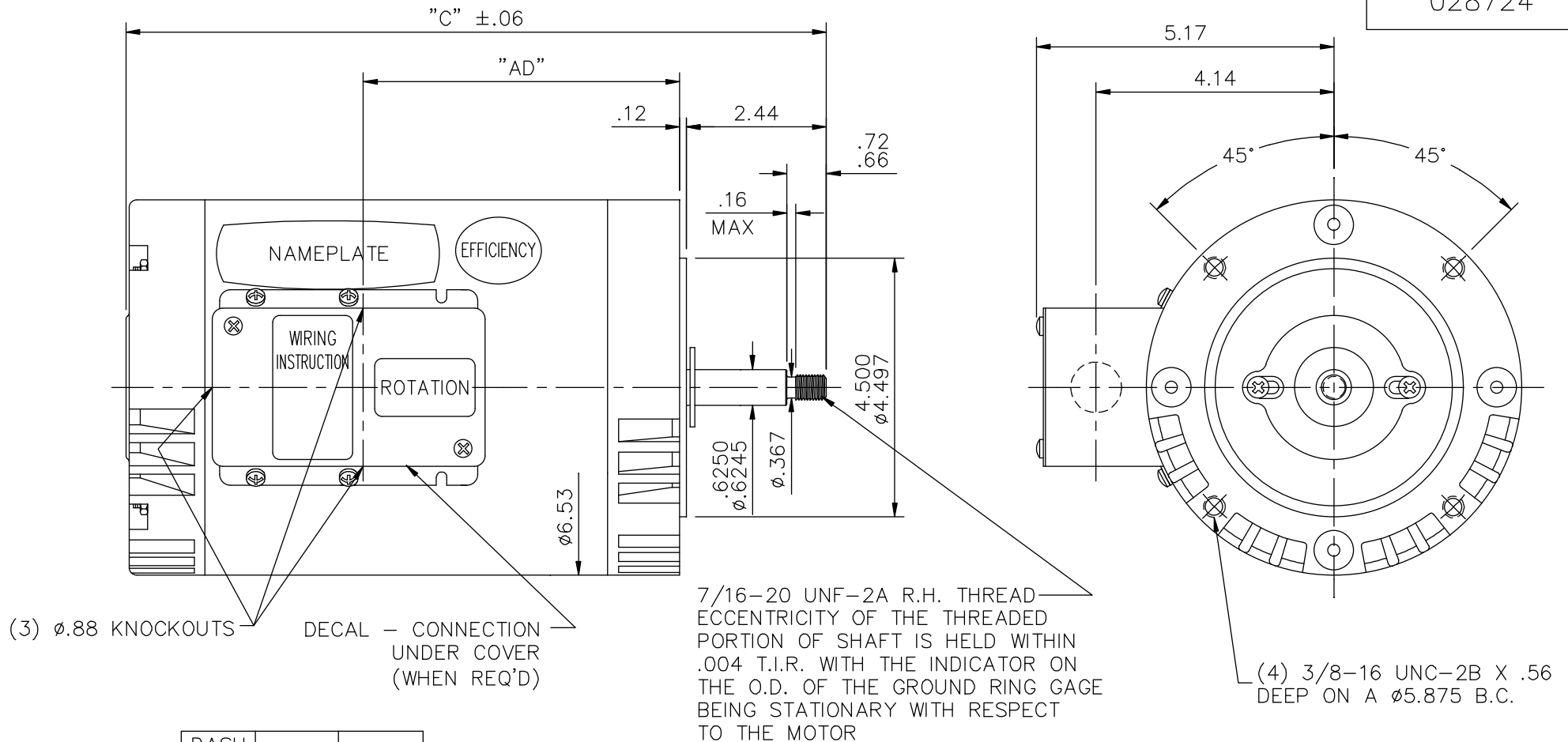
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	12.4/6.2 A	Speed	3490 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Duty	Continuous
Insulation Class	F	Design Code	A
KVA Code	L	Frame	56J
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
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	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	J
Overall Length	13.68 in	Frame Length	8.50 in
Shaft Diameter	0.625 in	Shaft Extension	2.44 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028724-850	Connection Diagram	005010.01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018



DASH NO.	"C"	"AD"
600	11.18	4.50
650	11.68	5.00
700	12.18	5.50
750	12.68	6.00
800	13.18	6.50
850	13.68	7.00

NOTES:
 FLINGER ON SHAFT
 STAINLESS STEEL SHAFT EXTENSION
 MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	RDW 9/12/05		
		DEC.	INCHES			CHK			
		.X	±.1	TITLE OUTLINE - 56J FRAME DRIP PROOF - "C" FACE		APPD	SW 9/12/05		
		.XX	±.03			SCALE	3=8		
		.XXX	±.005			REF	028540		
		.XXXX	±.0005			FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	PREV		
			RFP	9/12/05	CAD FILE	028724	SIZE	DRAWING NO.	REV.
			DIST	BRF-NLV			A	028724	

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

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		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			
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	DRAWING NO.	REV.
				DIST		BRF-NLV		A	005010-01	A	

Date: 1/30/2018

116698.00

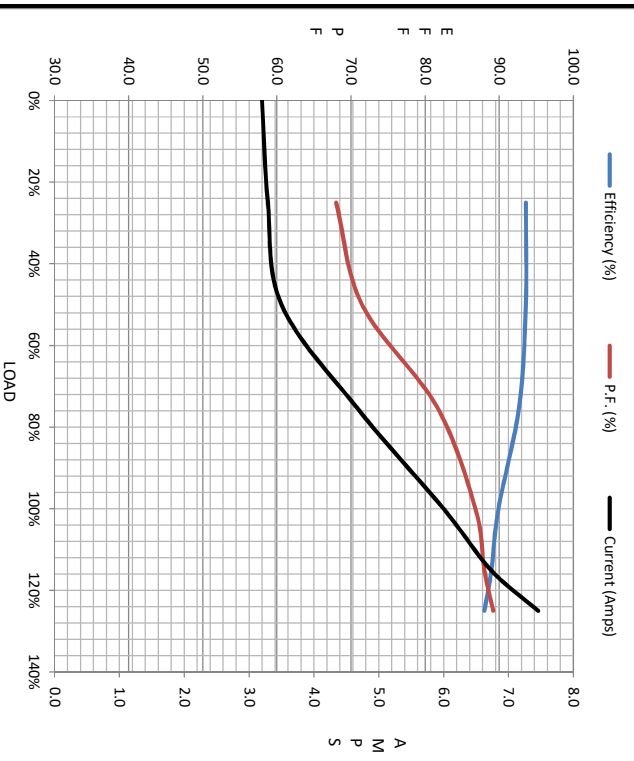


Data @ 460 V

Motor Load Data						LR		
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.2	3.3	3.5	4.7	6.0	6.7	7.5	59.0
Torque (ft-lb)	0.00	3.3	3.7	3.4	7.5	8.5	9.5	25.0
RPM	3600	3557	3551	3522	3488	3474	3454	0
Efficiency (%)		93.6	93.6	92.7	89.9	89.0	88.0	
P.F. (%)	5.6	68.0	71.5	81.6	86.8	88.0	89.2	0.0

Motor Speed Data

LR	Pull-Up	BD	Rated	Idle	Information Block
Speed (RPM)	0	400	2400	3488	HP 5.0
Current (Amps)	59.0	54.3	35.4	6.0	Sync. RPM 3600
Torque (ft-lb)	25.0	23.0	31.0	7.5	Frame 140
					Enclosure DP
					Construction NA
					Voltage 230/460#190/380 V
					Frequency 60 Hz
					Design A
					LR Code letter L
					Service Factor 1.15
					Temp Rise @ FL 60 °C
					Duty CONT
					Ambient 40 °C
					Elevation 1,000 feet
					Rotor/Shaft wk ² 0.07 LB-Ft ²
					Ref Wdg T632199 NONE
					Sound Pressure @ 1M 0 dbA
					VFD Rating NONE
					Outline Dwg 028724-850
					Conn. Diag 005010.01
					Additional Specifications:
					0
					EQUIV CKT (OHMS / PHASE)
					R1 R2 X1 X2 Xm
					0.0000 0.0000 0.0000 0.0000 0.0000



R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

