

PRODUCT INFORMATION PACKET



Model No: C6T34DC66E

Catalog No: 113893.00

3HP..3450RPM.56.DP.230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.C FACE.JET PUMP.C6T34DC66E
Jet Pump



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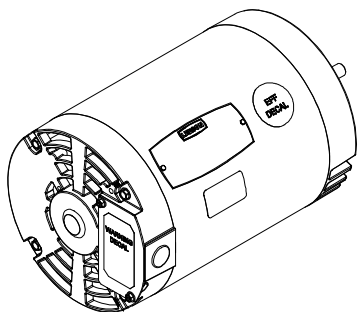
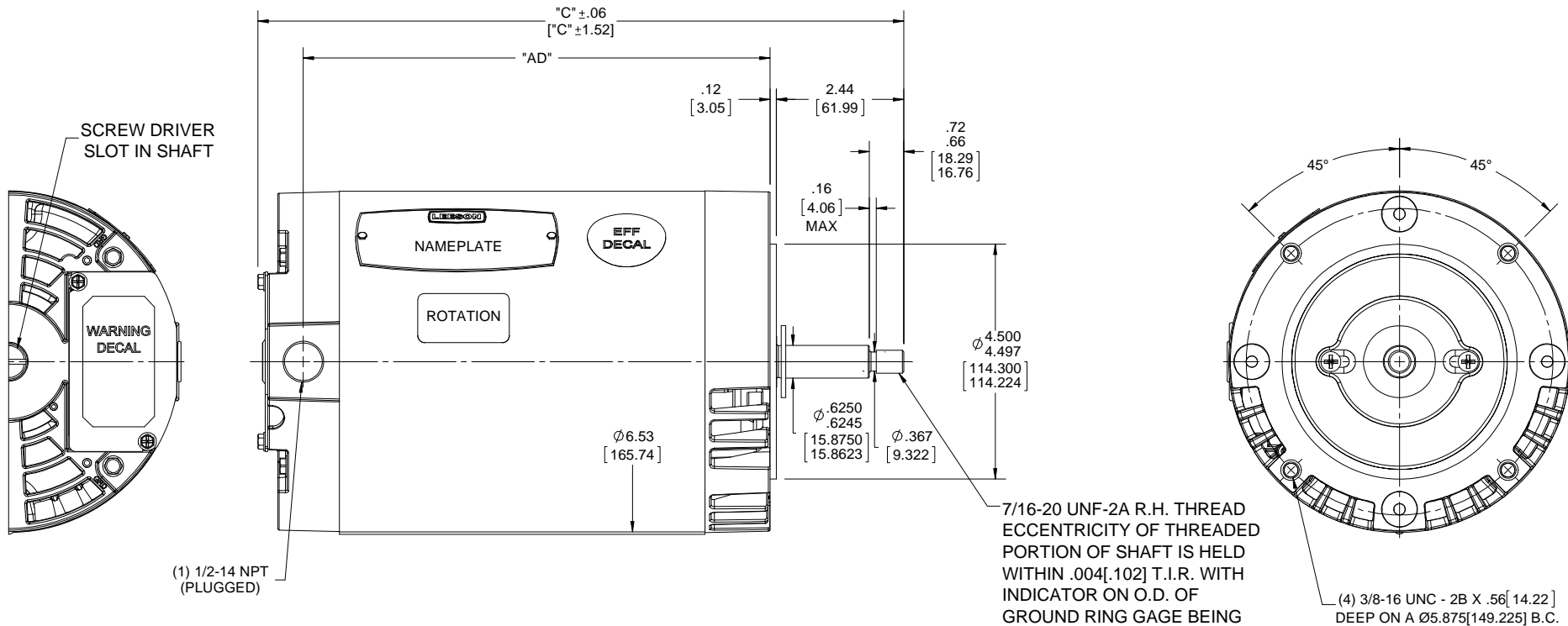
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	7.6/3.8 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	84 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	J	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	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	12.34 in	Frame Length	7.00 in
Shaft Diameter	0.625 in	Shaft Extension	2.44 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	029063-700	Connection Diagram	005010.01

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NOTES:

- 1) FLINGER ON SHAFT
- 2) STAINLESS STEEL SHAFT EXTENSION
- 3) MAXIMUM FACE RUNOUT TO BE .004[.102] T.I.R.
- 4) MAXIMUM PILOT ECCENTRICITY .004[.102] T.I.R.

DASH NO.	"C"	"AD"
700	12.34 [313.44]	8.94 [227.08]

DRAWING REVISION A		REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY T. AHER	Regal Beloit America, Inc.
ECO ECO-0139851	APPROVED BY	DATE	DEC.	INCH.	mm	DATE 12/13/2017	
ECO DESCRIPTION				.X	±0.1	±2.5	DESCRIPTION
OUTLINE CONVERSION PROJECT				.XX	±0.03	±0.76	APPROVED BY PK
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				.XXXX	±0.0005	±0.0127	REFERENCE 028540
				REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [076/.381] X 45° CORNER FILLETS: R.02 [51]		THIRD ANGLE PROJECTION	MATERIAL
				MACHINED SURFACES: 200 INCH mm 5.1		SIZE B	PROCESS/FINISH
				mm SHOWN IN [BRACKETS]		DRAWING NUMBER	SHEET 1 OF 1
						029063	

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



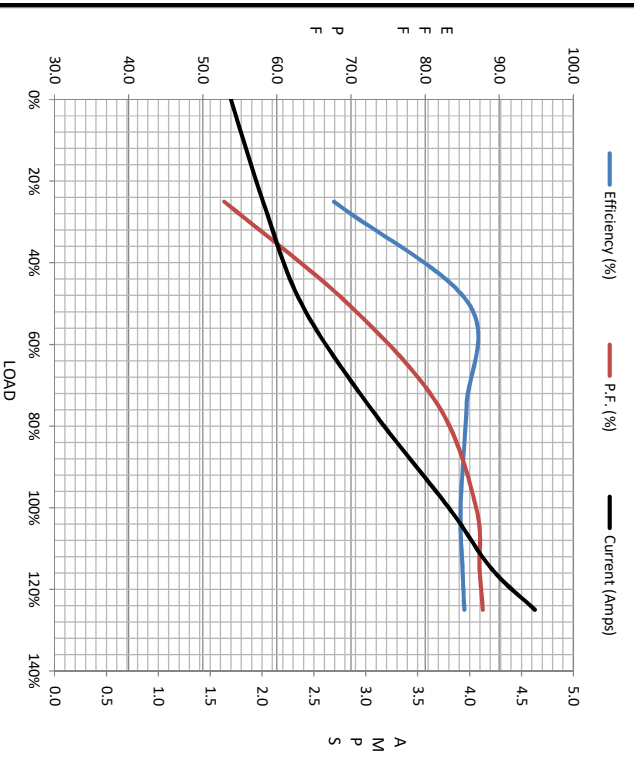
VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				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



		Motor Load Data					LR	
Load	0%	25%	50%	75%	100%	115%	125%	
Current (Amps)	1.70	2.01	2.38	3.0	3.8	4.2	4.6	30.0
Torque (ft-lb)	0.00	1.13	2.25	3.4	4.5	5.1	5.6	13.0
RPM	3600	3569	3547	3519	3486	3472	3452	0
Efficiency (%)		67.7	85.9	85.6	84.8	85.1	85.3	
P.F. (%)	11.8	52.9	69.6	81.8	86.9	87.4	87.8	0.0

		Motor Speed Data					Information Block																									
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	EQUIV CKT (OHMS / PHASE)	R1	R2	X1	X2	Xm
Speed (RPM)	0	400	2300	3486	3600	3.0	3600	140	DP	NA	230/460#190/380	60	B	J	1.15	82	CONT	40 °C	1,000	0.07	T632164 DR	999	NONE	028540-700	005010.01		0.0000	0.0000	0.0000	0.0000	0.0000	
Current (Amps)	30.0	27.6	18.0	3.8	1.70																											
Torque (ft-lb)	13.0	12.7	15.2	4.5	0.00																											



	R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

