

# PRODUCT INFORMATION PACKET



Model No: C6T17DB114B

Catalog No: E115825.00

E115825.00..1.5HP..1750.56HZ.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID  
BASE.C6T17DB114.....GENERAL PURPOSE.S-STAT.....

Open Drip Proof (ODP)



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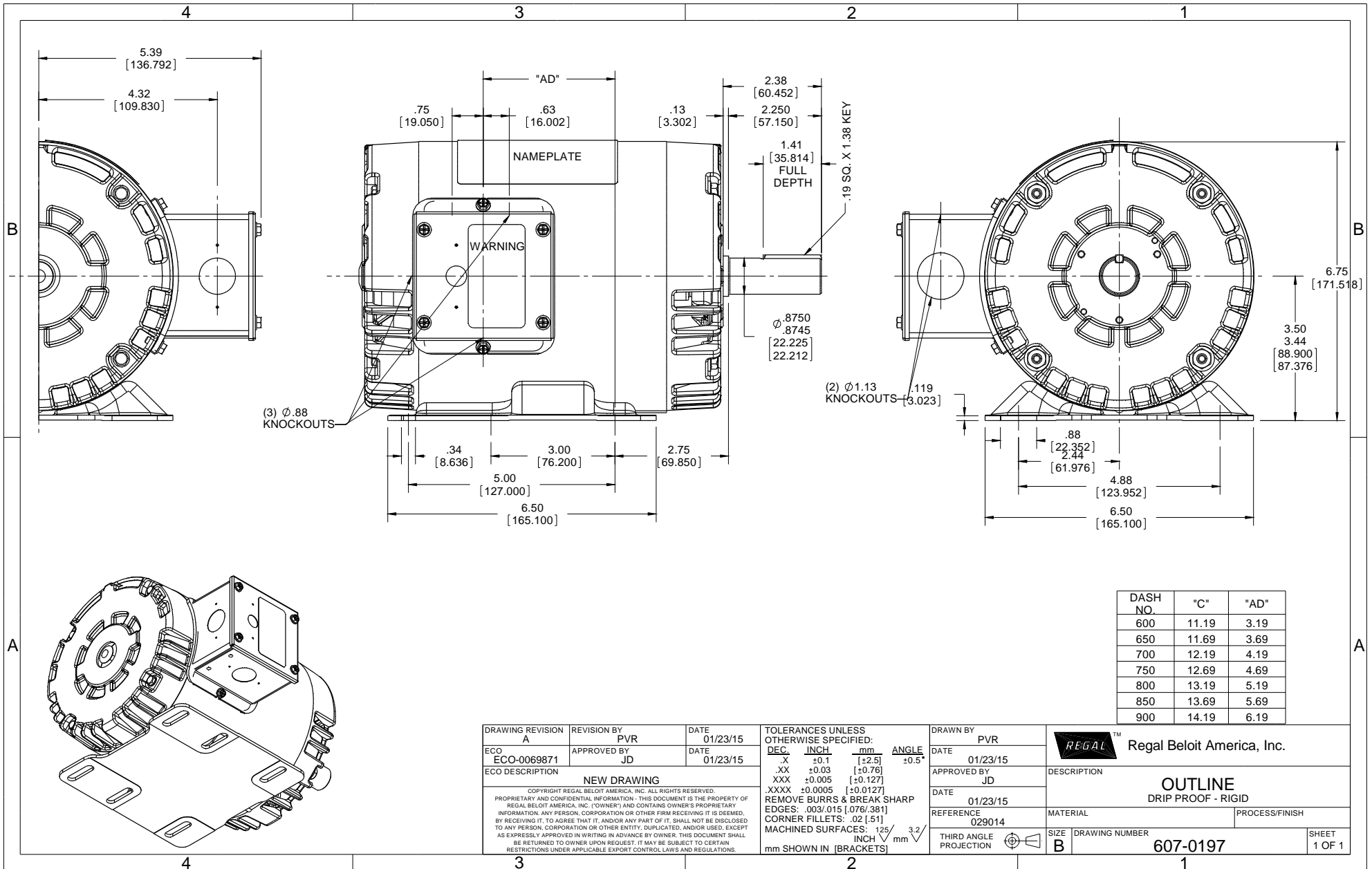


### Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	4.8/2.4 A	Speed	1750 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	56HZ
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	Y
IP Code	22		

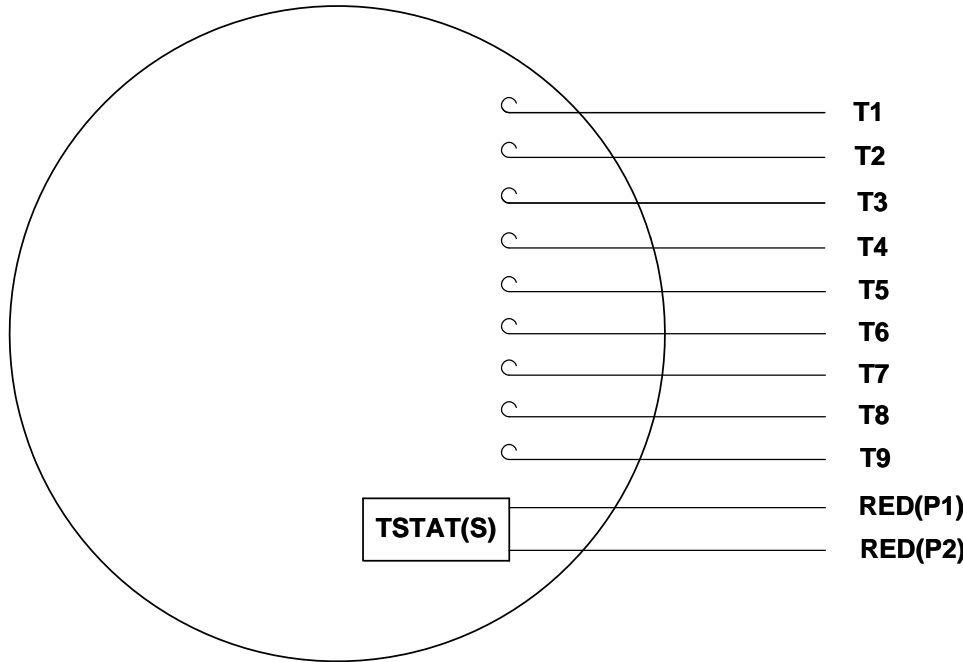
### Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
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	Single Special Extension
Overall Length	13.19 in	Frame Length	8.00 in
Shaft Diameter	0.875 in	Shaft Extension	1.47 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	607-0197-800	Connection Diagram	005010.20

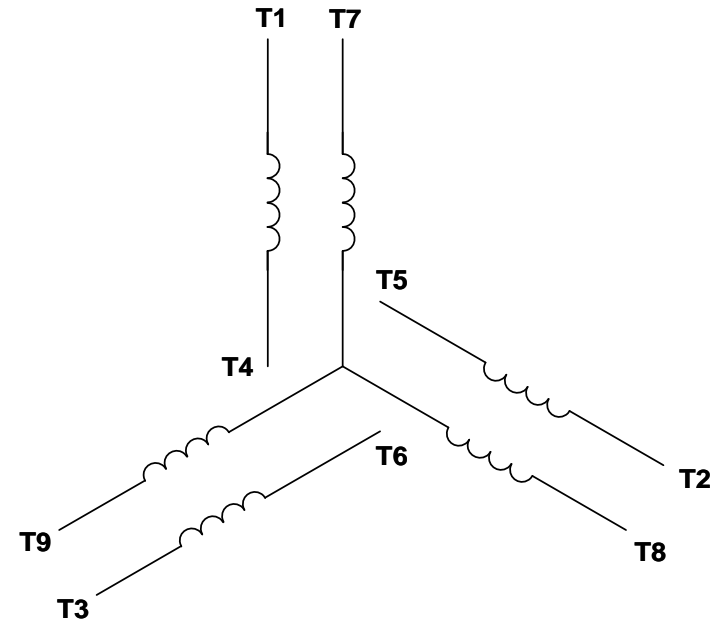


DRAWING REVISION A	REVISION BY PVR	DATE 01/23/15	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE	DRAWN BY PVR	Regal Beloit America, Inc.	
ECO ECO-0069871	APPROVED BY JD	DATE 01/23/15	.X ±0.1 [±2.5] .XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] XXXX ±0.0005 [±0.0127]	DATE 01/23/15		
ECO DESCRIPTION NEW DRAWING			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [076/381] CORNER FILLETS: .02 [51] MACHINED SURFACES: 125/3.2 mm SHOWN IN [BRACKETS]	APPROVED BY JD	DESCRIPTION OUTLINE DRIP PROOF - RIGID	
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			THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 607-0197	SHEET 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END. Uncontrolled Copy



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

DRAWING REVISION G REVISION BY MVG DATE 04/05/2017

ECO ECO-0121253 APPROVED BY SM DATE 04/05/2017

ECO DESCRIPTION  
ADDED P1 & P2 FOR TSTAT

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP  
EDGES: .003/.015 [.076/.381] X 45°  
CORNER FILLETS: R.02 [.51]  
MACHINED SURFACES: 125/3.2  
INCH/mm  
mm SHOWN IN [BRACKETS]

DRAWN BY DBT 12/16/97

DATE

APPROVED BY KH 12/17/97

DATE

REFERENCE

THIRD ANGLE PROJECTION

**REGAL**™ Regal Beloit America, Inc.

DESCRIPTION  
**CONN DIAGRAM-EXTERNAL**  
3 PHASE WITH PROTECTOR

MATERIAL DECAL - 004014 (TSTAT) - 080582 PROCESS/FINISH STOCK

SIZE A DRAWING NUMBER 00501020 SHEET 1 OF 1



Motor Load Data

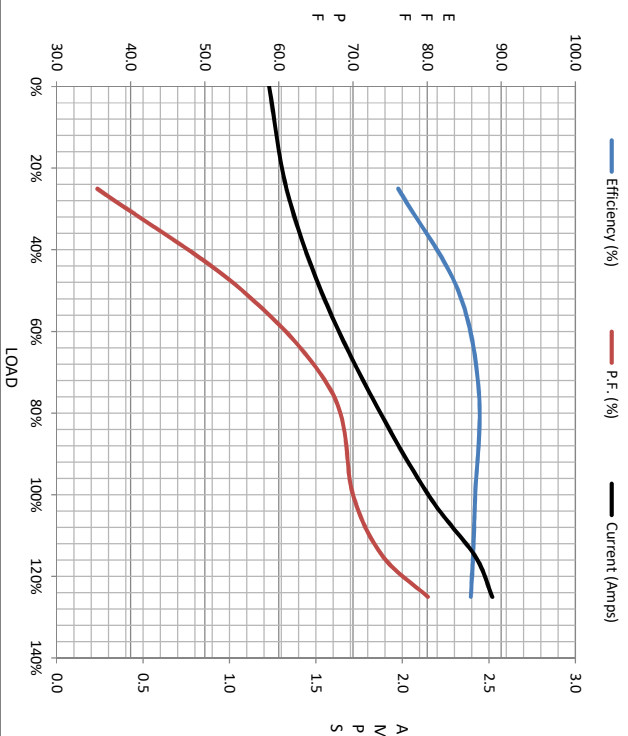
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.23	1.33	1.53	1.81	2.15	2.42	2.52	18.1
Torque (ft-lb)	0.00	1.13	2.25	3.4	4.5	5.2	5.6	14.8
RPM	1800	1786	1773	1761	1746	1.740	1732	0
Efficiency (%)		76.1	84.2	87.0	88.5	86.2	85.9	
P.F. (%)	9.9	35.5	55.1	67.2	70.0	74.0	80.1	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1600	1746	1800
Current (Amps)	18.1	16.0	12.1	2.15	1.23
Torque (ft-lb)	14.8	13.5	19.8	4.5	0.00

Information Block

HP	1.5			
Sync. RPM	1800			
Frame	140			
Enclosure	DP			
Construction	TDR			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	28 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk <sup>2</sup>	0.14 LB-Ft <sup>2</sup>			
Ref Wdg	T634341 DR			
Sound Pressure @ 1M	0 dBA			
VFD Rating	CONSTANT 10:1			
Outline Dwg	607-0197-800			
Conn. Diag	005010.20			
Additional Specifications:				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

