

PRODUCT INFORMATION PACKET



Model No: C6T34WC27A

Catalog No: 119472.00

119472.00..2HP..3490RPM.56C.TEFC.230/460V.3PH.60HZ.CONT.40C.1.0SF.C
FACE.C6T34WC27.....WASHDOWN MOTORS.NONE.....

General Purpose



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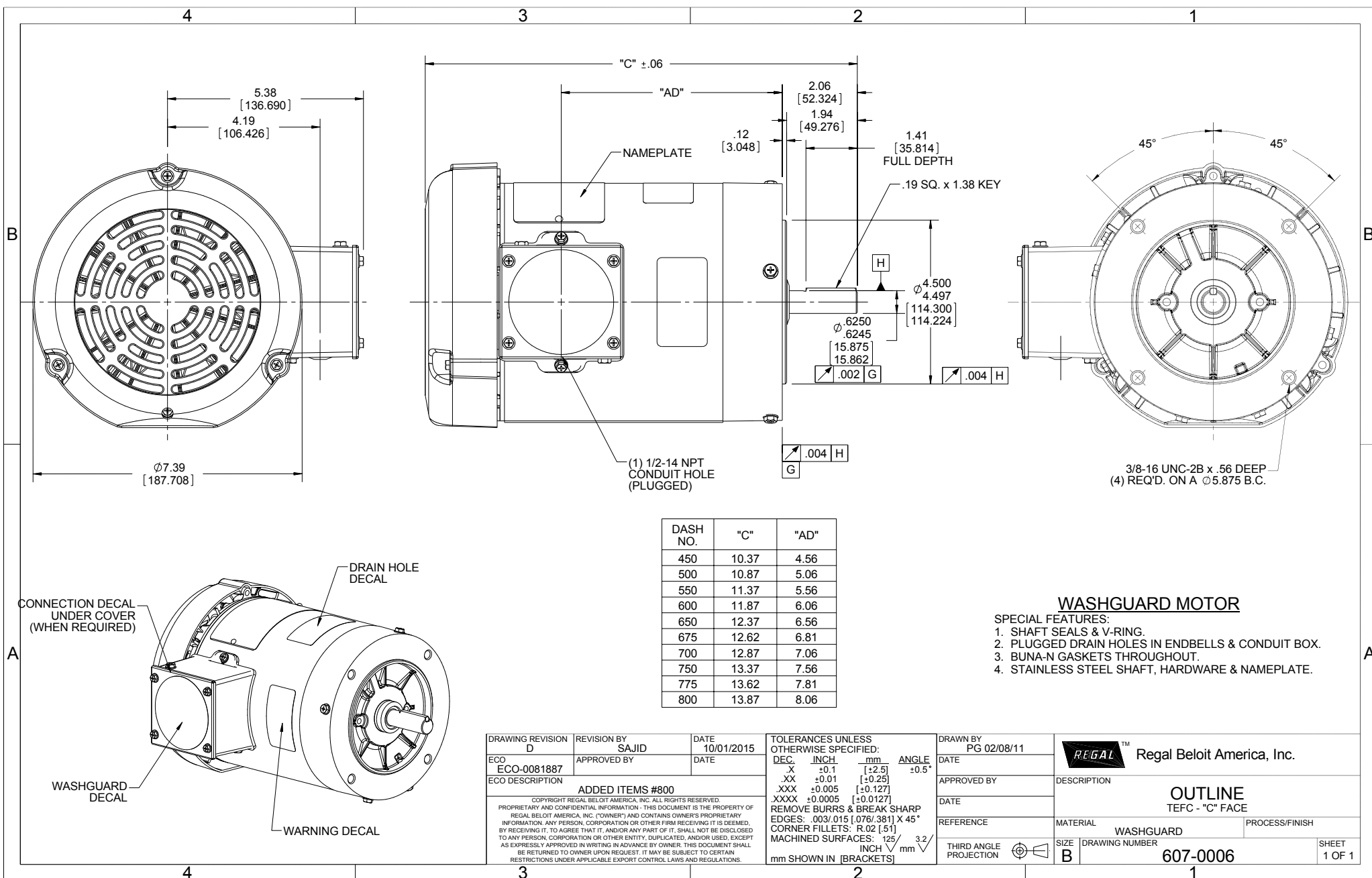


Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	5.2-4.8/2.4 A	Speed	3490 rpm
Service Factor	1	Phase	3
Efficiency	85.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	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	55		

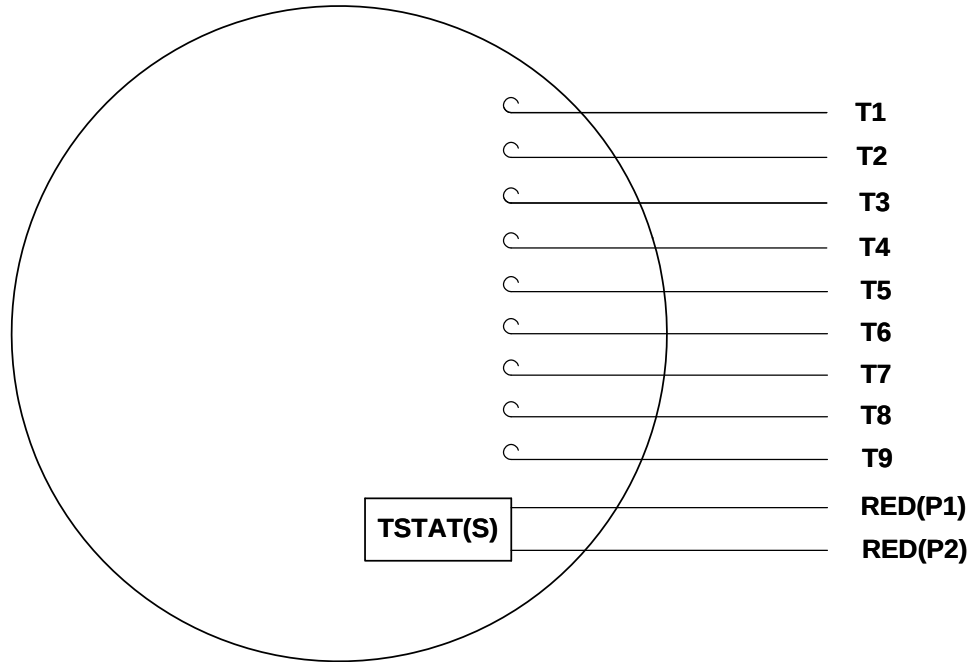
Technical Specifications

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	NEMA 56
Overall Length	13.37 in	Frame Length	7.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	607-0006-750	Connection Diagram	005010.20

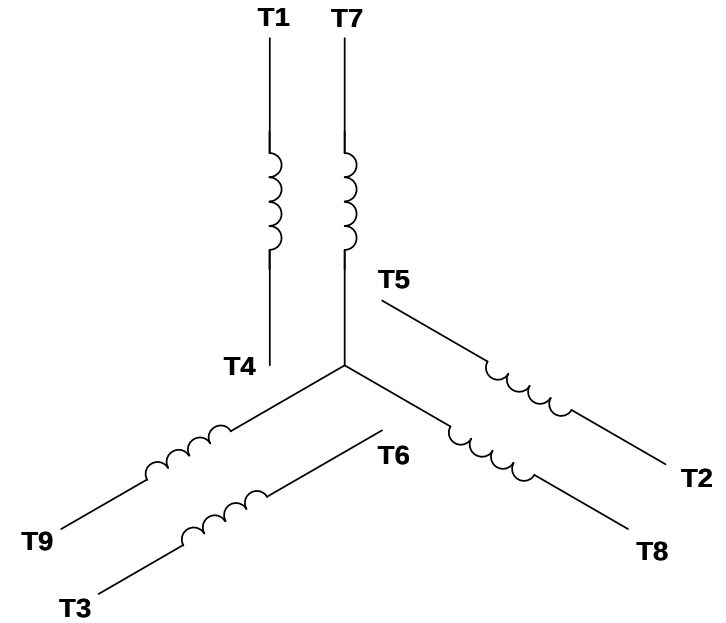


VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

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

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 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

Data Sheet

Date: 1/30/2018

119472.00



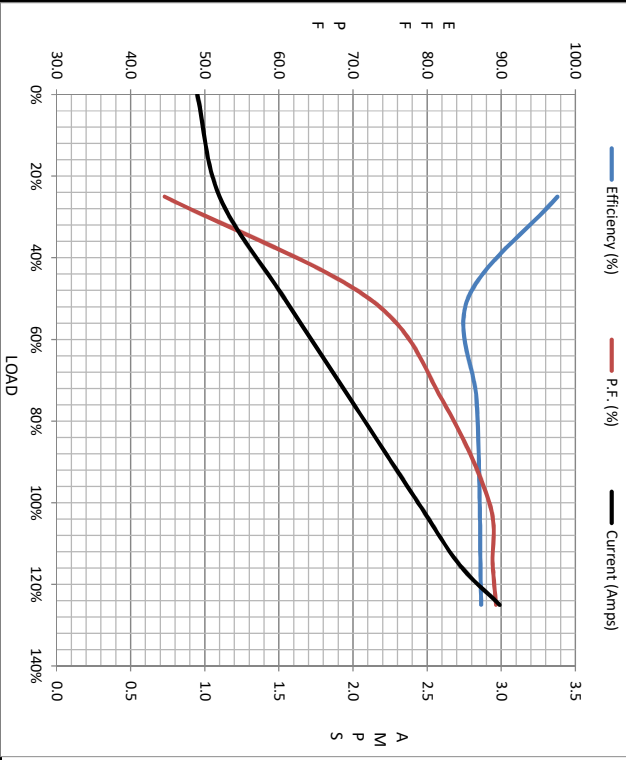
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.95	1.10	1.54	1.99	2.44	2.72	2.99	26.0
Torque (ft-lb)	0.00	0.75	1.50	2.25	3.0	3.4	3.8	10.8
RPM	3600	3581	3555	3533	3511	3501	3487	0
Efficiency (%)		97.6	85.5	86.7	87.1	87.2	87.3	
P.F. (%)	16.8	44.6	72.2	82.1	88.4	88.9	89.3	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block	
Speed (RPM)	0	200	2300	3511	3600		
Current (Amps)	26.0	23.9	15.6	2.44	0.95		
Torque (ft-lb)	10.8	10.5	13.0	3.0	0.00		
						HP	2.0
						Sync. RPM	3600



Enclosure		TEFC		
Construction		TFR		
Voltage		208-230/460 V		
Frequency		60 Hz		
Design		A		
LR Code letter		L		
Service Factor		1.15		
Temp Rise @ FL		46 °C		
Duty		CONT		
Ambient		40 °C		
Elevation		1,000 feet		
Rotor/Shaft wk²		0.08 Lb-Ft²		
Rel Wdg		T632174 FR		
Sound Pressure @ 1M		0 dBA		
VFD Rating		NONE		
Outline Dwg		607-0006-750		
Conn. Diag		005010.20		
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

Speed - Torque Curve

