

PRODUCT INFORMATION PACKET



Model No: 132426.00

Catalog No: 132426.00

WATTS AVER® General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
182TC Frame, DP



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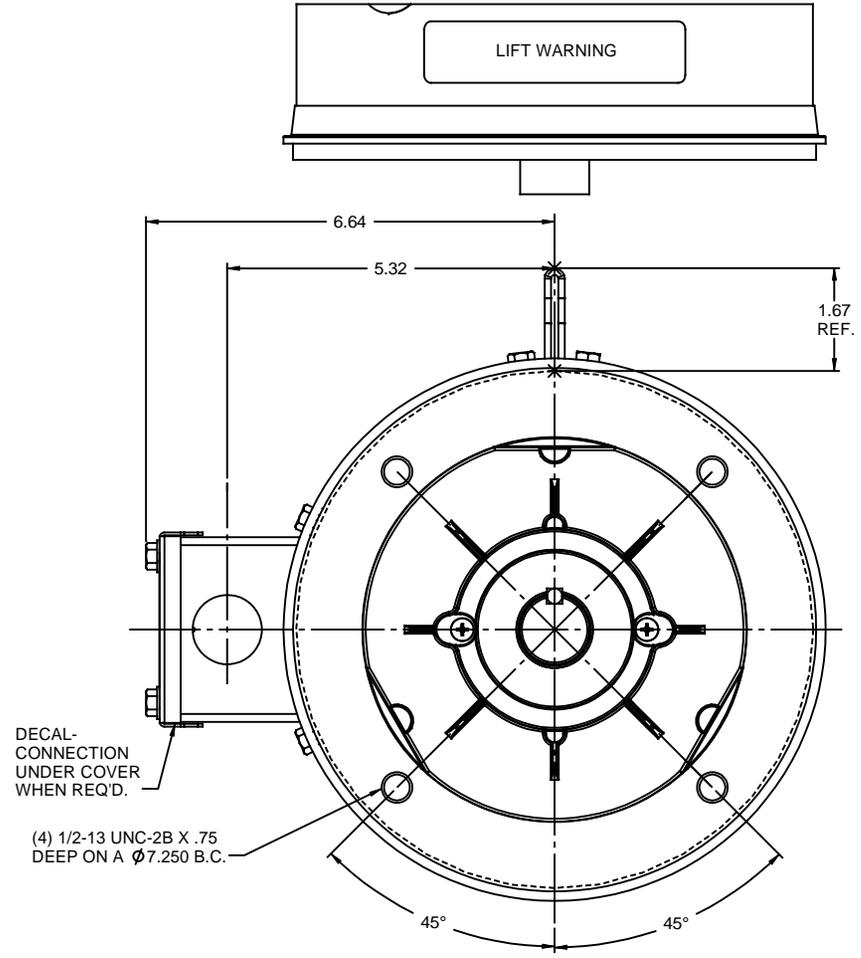
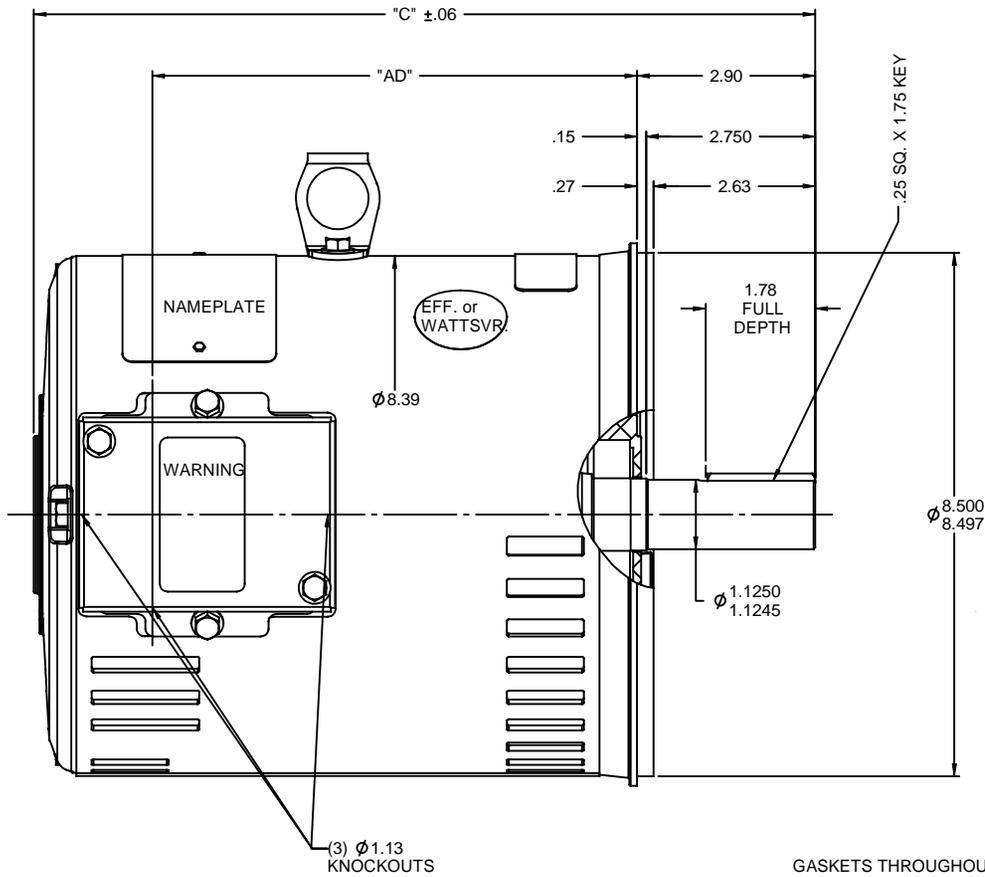
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3500 & 2925 rpm	Service Factor	1.15 & 1.15
Frame	182TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	86.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 9.8/4.9 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.20 in
Frame Length	9.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005010.01	Outline Drawing	035344-900

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GASKETS THROUGHOUT
 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"
850	12.70	7.88
900	13.20	8.38
950	13.70	8.88
1000	14.20	9.38
1050	14.70	9.88
1100	15.20	10.38
1150	15.70	10.88

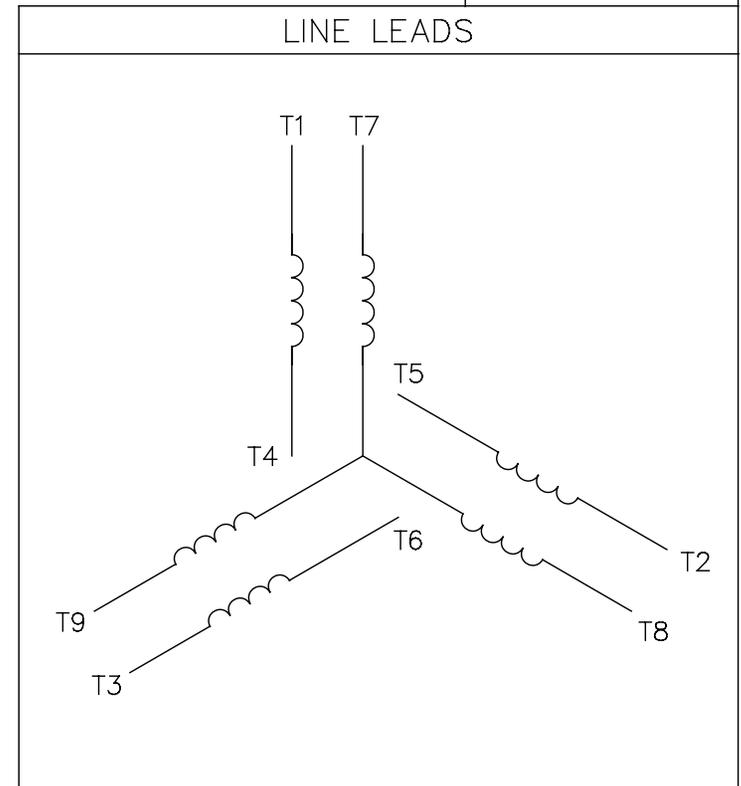
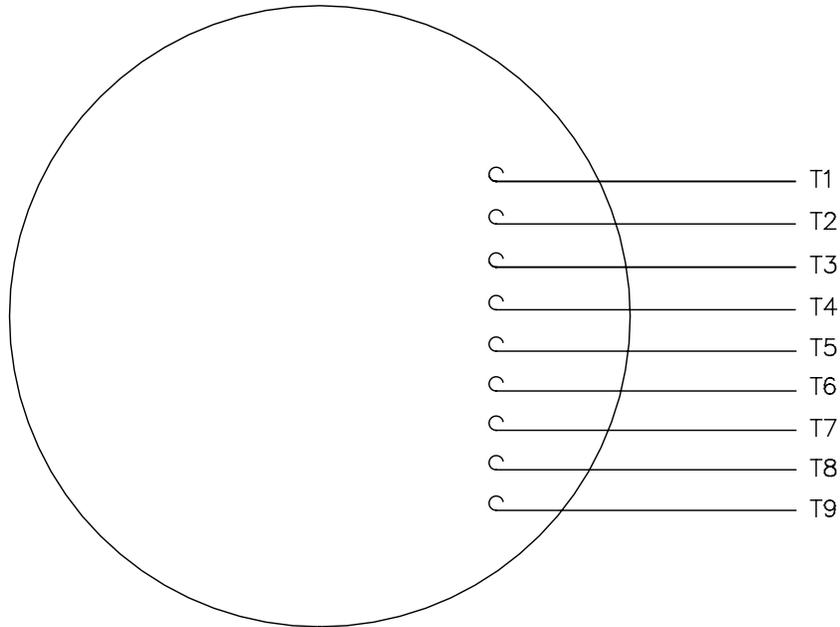
REVISION		BY & DATE	CHK	ANG	FINISH	SIZE	DRAWING NO	REV
- UPDATED & REDRAWN TO SOLIDWORKS		LST 12/17/2009	XX	XXX	±.0005	B	035344	-
THIRD ANGLE PROJECTION								



TOLERANCES UNLESS SPECIFIED:
 DEC INCHES
 X ±.1
 .XX ±.03
 .XXX ±.005
 .XXX ±.0005
 ANG ±1/2°
 TITLE OUTLINE - 180TC FRAME
 DRIP PROOF - "C" FACE
 MATL
 FINISH
 PREV
 DRAWN RDW 7/22/97
 CHK PG 7/28/97
 APPR
 SCALE 1:2
 REF 035326
 FMF
 PAGE OF

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 ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		SCALE 1=1		
				.XXX	±.005			REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L DECAL - 004014		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

Data Sheet

Date: 1/29/2018

132426.00



Data @ **460 V**

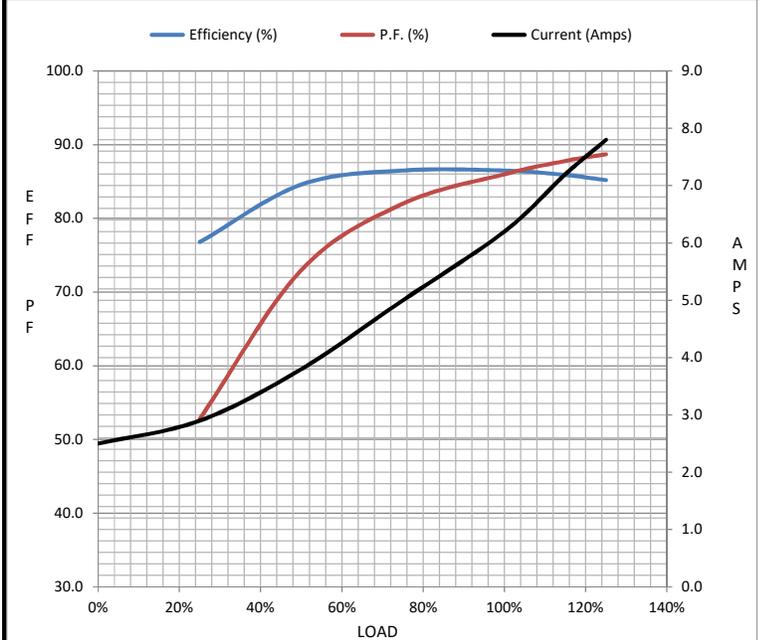
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	2.50	2.90	3.8	5.0	6.2	7.2	7.8	45.5
Torque (ft-lb)	0.00	1.80	3.7	5.6	7.5	8.7	9.5	16.1
RPM	3600	3576	3552	3526	3500	3,478	3465	0
Efficiency (%)		76.8	84.6	86.5	86.5	85.9	85.2	
P.F. (%)	13.0	52.8	73.0	82.0	86.0	87.8	88.7	55.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	2900	3500	3600
Current (Amps)	45.5	41.0	28.9	6.2	2.50
Torque (ft-lb)	16.1	14.5	25.0	7.5	0.00

Information Block				
HP	5.0			
Sync. RPM	3600			
Frame	182			
Enclosure	DP			
Construction	TDW			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	30 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.18 Lb-Ft ²			
Ref Wdg	T82117 R1			
Sound Pressure @ 1M	71 dBA			
VFD Rating	NONE			
Outline Dwg	035344-900			
Conn. Diag	005010.01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
1.3270	1.2190	3.0560	1.6670	97.8640



Speed - Torque Curve

