

PRODUCT INFORMATION PACKET



Model No: 132426.00

Catalog No: 132426.00

WATTSaver® 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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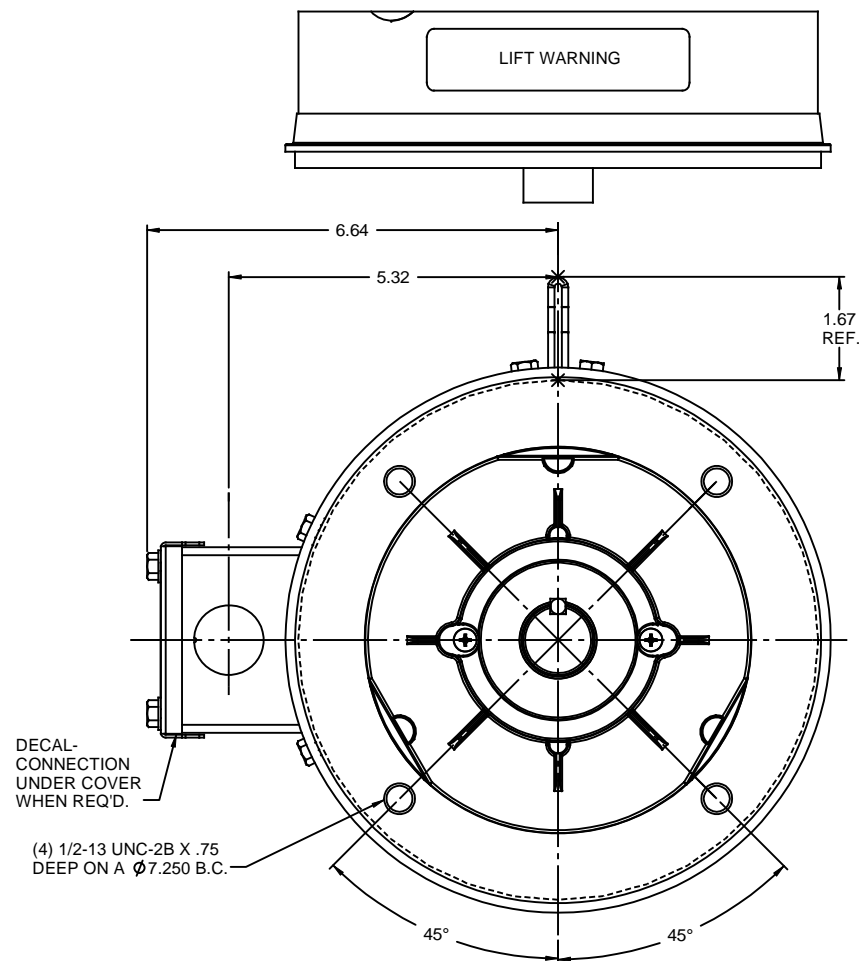
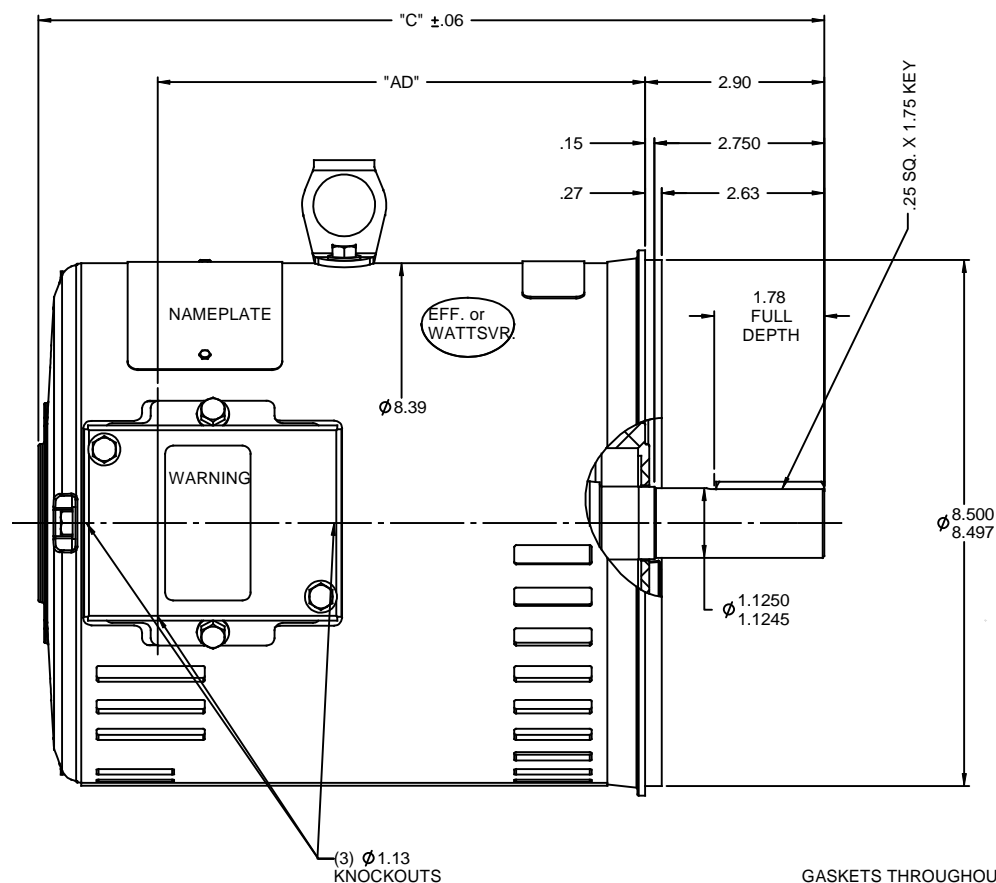


Nameplate Specifications

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



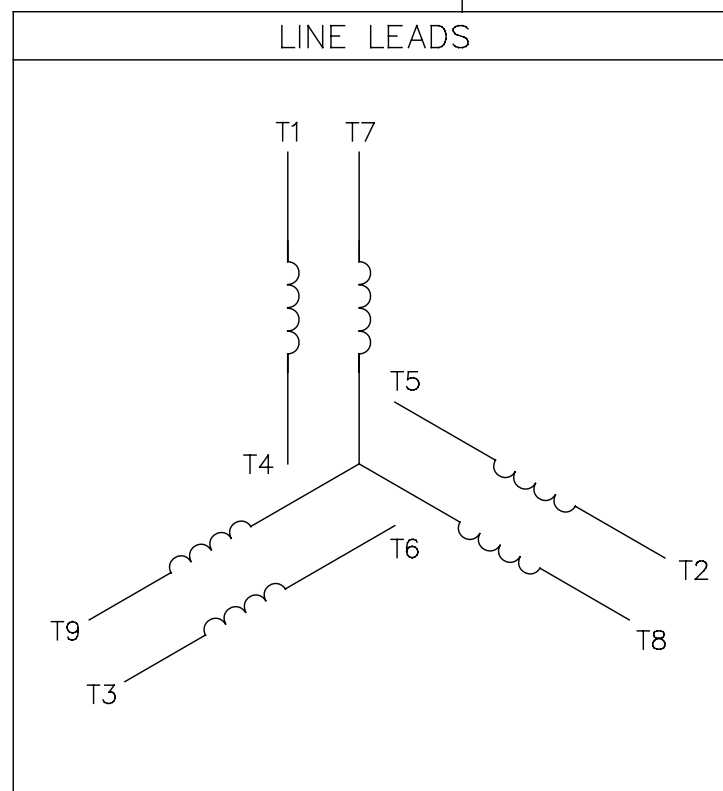
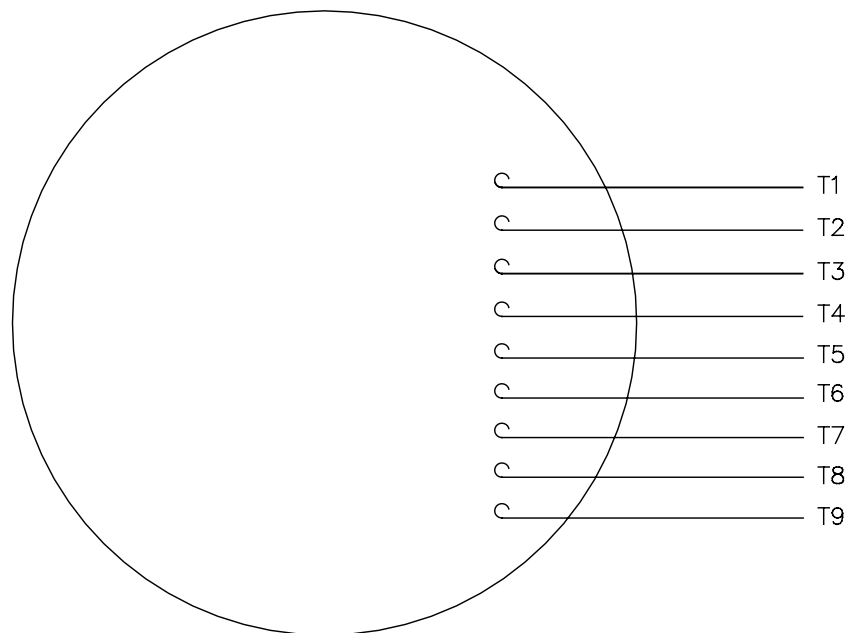
GASKETS THROUGHOUT
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

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


					TOLERANCES UNLESS SPECIFIED:	 REGAL-BELOIT CORPORATION	DRAWN RDW 7/22/97		
				DEC	INCHES		CHK PG 7/28/97		
				X	±.1		APPR		
				XX	±.03		SCALE 1:2		
				XXX	±.005		REF 035326		
-	UPDATED & REDRAWN TO SOLIDWORKS		LST 12/17/2009 XX	XXXX	±.0005		MATL	FMF	
NO	REVISION		BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE OF		
THIRD ANGLE PROJECTION 				RFP	PREV		SIZE B	DRAWING NO 035344	REV
				NETWORK FILE NAME					

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 EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR			REF FIG.2-51	
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005				MAT'L.	DECAL - 004014
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

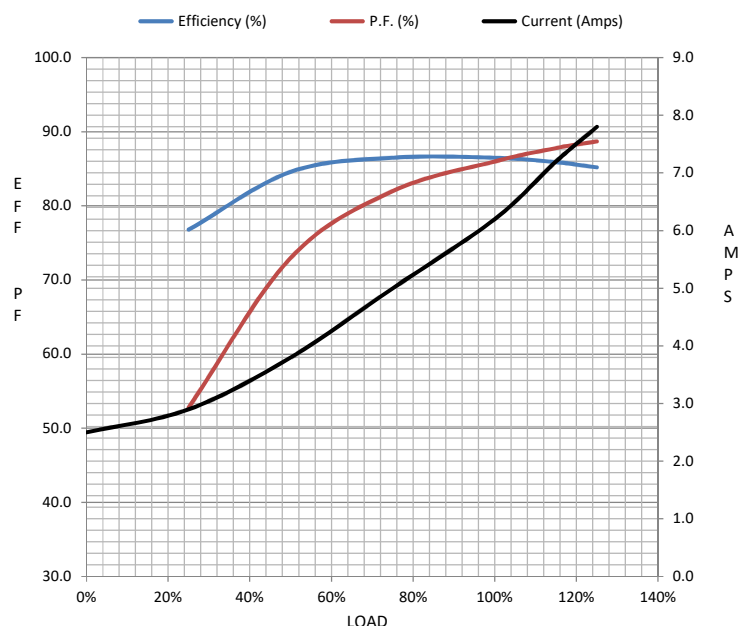
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	2.50	2.90	3.8	5.0	6.2	7.2	7.8	45.5	
Torque (ft-lb)	0.00	1.80	3.7	5.6	7.5	8.7	9.5	16.1	
RPM	3600	3576	3552	3526	3500	3,478	3465	0	
Efficiency (%)		76.8	84.6	86.5	86.5	85.9	85.2		
P.F. (%)	13.0	52.8	73.0	82.0	86.0	87.8	88.7	55.5	

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 wk²	0.18	Lb-Ft²		
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

