

PRODUCT INFORMATION PACKET



Model No: 132427.00

Catalog No: 132427.00

WATTSaver® General Purpose Motor, 2 & 1.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1200 & 1000 RPM, 184TC Frame, DP



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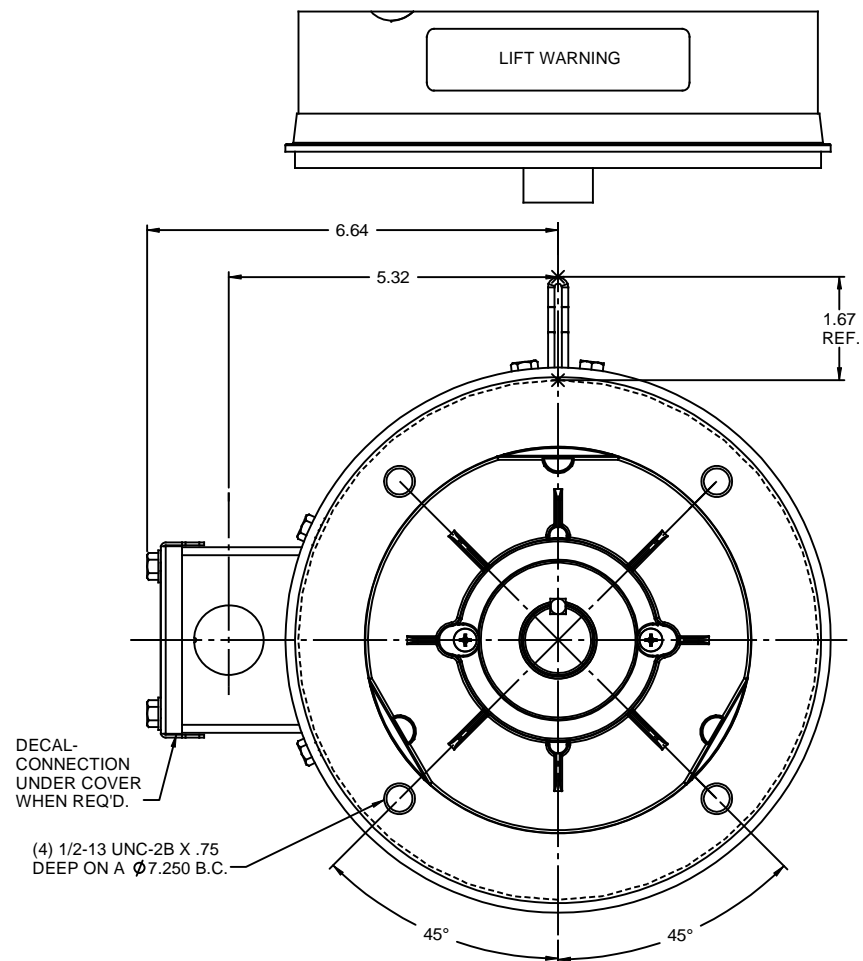
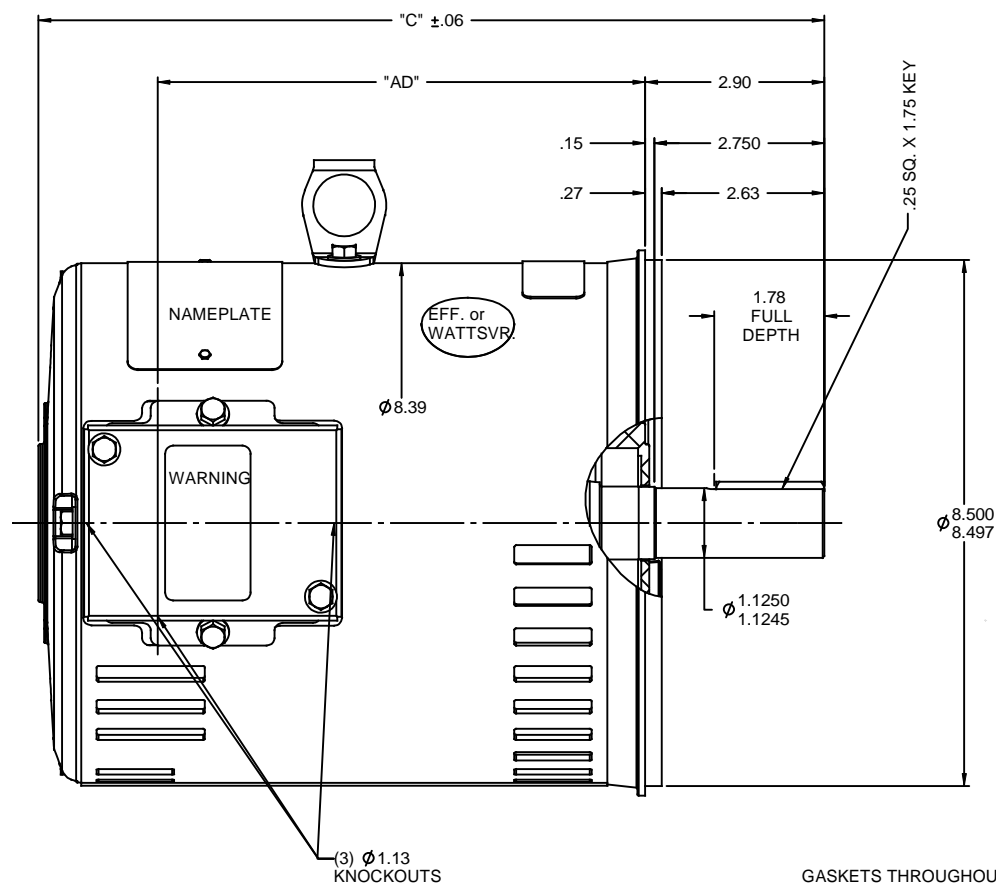


Nameplate Specifications

Phase	3	Output HP	2 & 1.50 Hp
Output KW	1.5 & 1.1 kW	Voltage	230/460 & 190/380 V
Speed	1182 & 1305 rpm	Service Factor	1.15 & 1.15
Frame	184TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	88.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.15/3.6 & 7.2/3.6 A	Power Factor	59
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		



Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	3.9 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	15.20 in
Frame Length	11.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	035344-1100



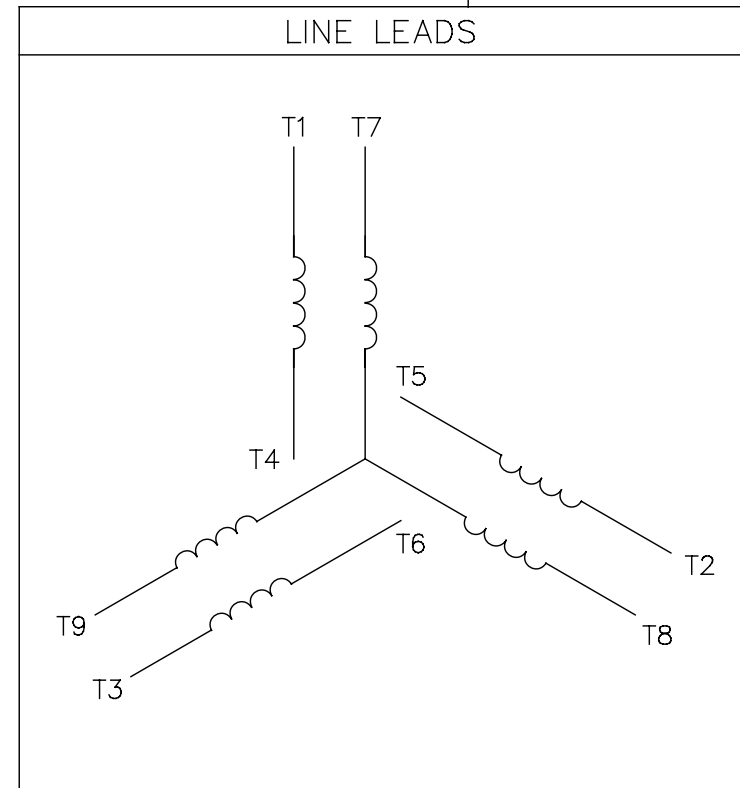
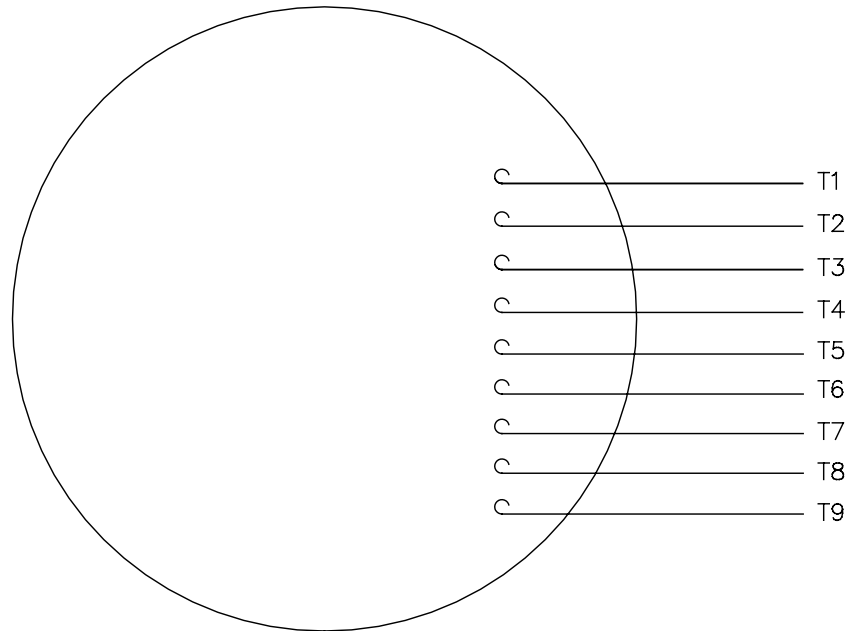
GASKETS THROUGHOUT
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

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		TITLE OUTLINE - 180TC FRAME DRIP PROOF - "C" FACE		REF 035326	
-	UPDATED & REDRAWN TO SOLIDWORKS		1ST 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
				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		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 A	DRAWING NO. 005010-01	REV. A
			DIST BRF-NLV						



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005010.01
OUTLINE: 035344-1100
WINDING: T8629

CAT #: 132427.00

NONE 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
2	1.5	1200	1182	184TC	DP	TDW	L	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	7.15/3.6&7.2/3.6	ACROSS THE LINE	CONT	F	1.15	40	3300

F.L. EFF	88.5	3/4 LD EFF	87.5	1/2 LD EFF	84.6	GTD EFF	85.5	ELECT. TYPE	SQ CAGE IND RUN
F.L. PF	59.0	3/4 LD PF	50.6	1/2 LD PF	38.8				

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)
8.9 LB-FT	24.5	19.5 LB-FT 219%	36.0 LB-FT 404%	30

PRESSURE @ 3	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
0 dBA	9 dBA	0.56 LB-FT²	0.6 LB-FT²	10 SEC.	0	0 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	NO	NONE	NO	NONE	JE - LEESON (ENAM

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6206	6205						

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0	0	0	0	0	0.150	ODE

* N O T E S *			INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE ENCODER: NONE NONE NONE NONE PPR

DATE: 1/19/2018	BRAKE: NONE NONE NONE	NONE NA NONE	HZ:
	UL: Y-(LEESON UL REC)		

Data Sheet

Date: 1/19/2018

132427.00



Data @ 460 V

Motor Load Data

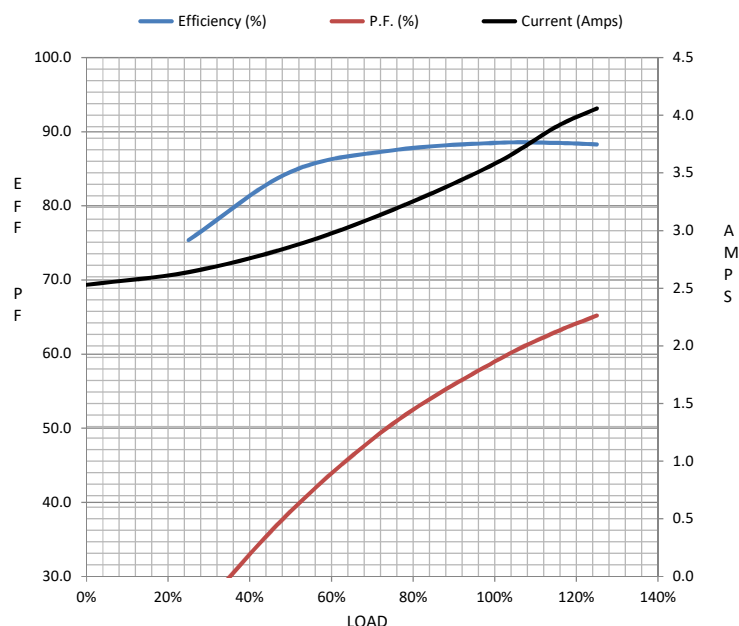
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	2.53	2.64	2.86	3.2	3.6	3.9	4.1	24.5	
Torque (ft-lb)	0.00	2.21	4.4	6.7	8.9	10.1	11.2	19.5	
RPM	1200	1196	1192	1186	1182	1,180	1176	0	
Efficiency (%)		75.4	84.6	87.5	88.5	88.5	88.3		
P.F. (%)	7.4	23.7	38.8	50.6	59.0	63.0	65.2	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	100	1000	1182	1200
Current (Amps)	24.5	22.5	14.7	3.6	2.53
Torque (ft-lb)	19.5	19.0	36.0	8.9	0.00

Information Block

HP	2.0			
Sync. RPM	1200			
Frame	180			
Enclosure	DP			
Construction	TDW			
Voltage	230/460#190/380	V		
Frequency	60	Hz		
Design	B			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	30	° C		
Duty	CONT			
Ambient	40	° C		
Elevation	1,000	feet		
Rotor/Shaft wk²	0.56	Lb-Ft²		
Ref Wdg	T8629 NONE			
Sound Pressure @ 1M	0	dBA		
VFD Rating	NONE			
Outline Dwg	035344-1100			
Conn. Diag	005010.01			
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

