

PRODUCT INFORMATION PACKET



Model No: 182TTDW4147

Catalog No: E149A

3 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 575 V, 182JMV Frame, ODP
Close-Coupled Pump Motors

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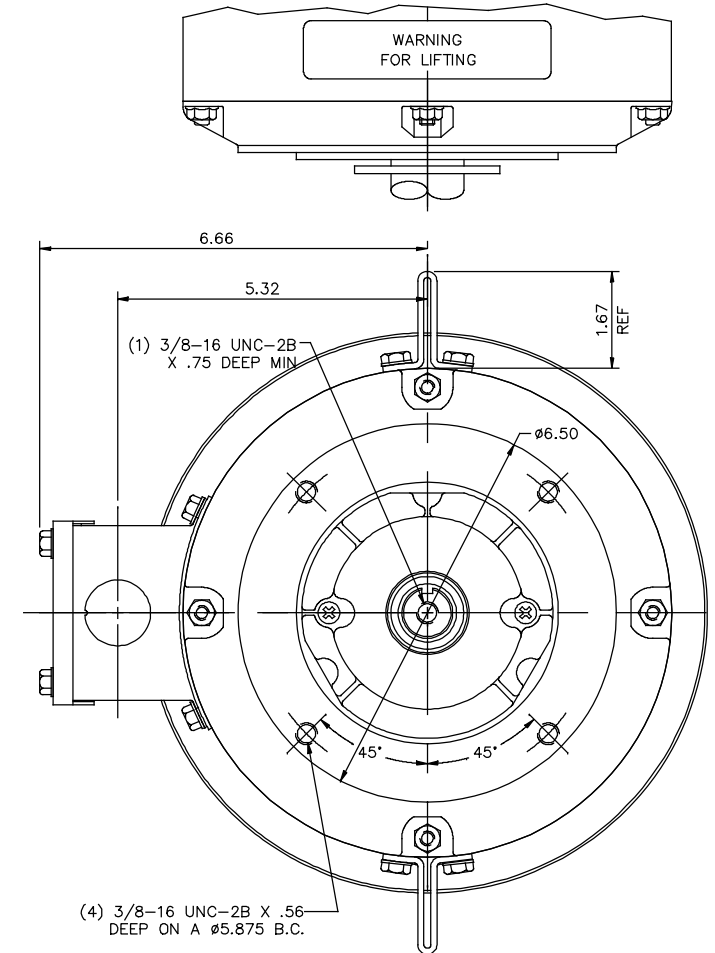


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	575 V
Current	3.5 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	73.8
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182JMV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6207	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	4	Rotation	Reversible
Resistance Main	4.85 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	14.45 in
Frame Length	8.50 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	035547-850	Connection Drawing	005102.01ME



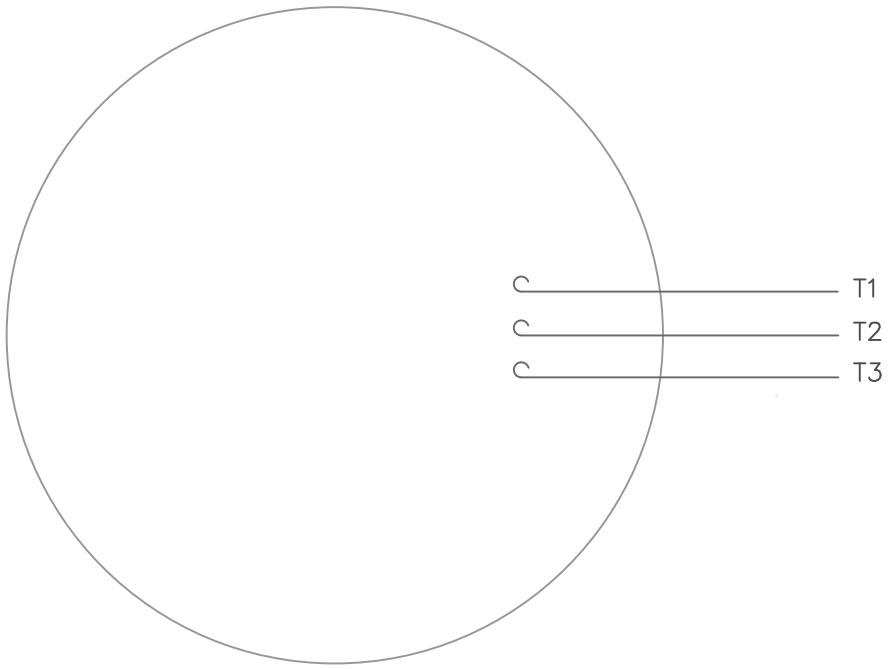
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.

DASH NO.	"C"	"AG"	"AD"
850	14.45	10.20	8.13
900	14.95	10.70	8.63
950	15.45	11.20	9.13
1000	15.95	11.70	9.63
1050	16.45	12.20	10.13
1100	16.95	12.70	10.63
1150	17.45	13.20	11.13

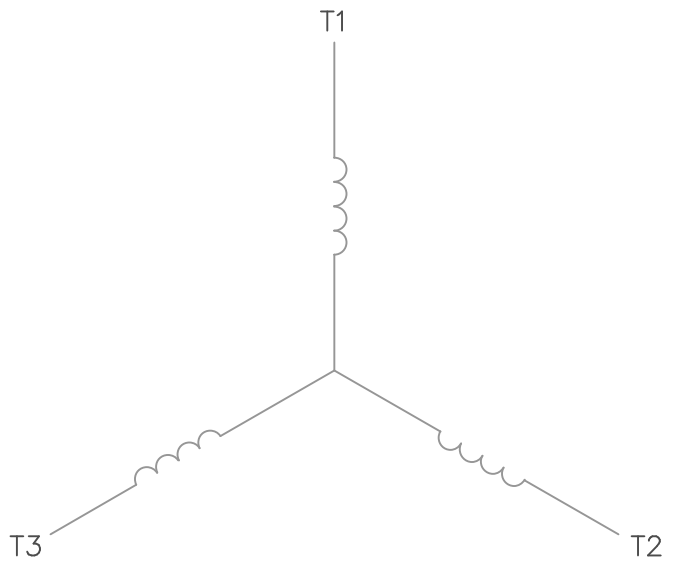
					TOLERANCES UNLESS SPECIFIED	
05	UPDATED PER ECR--0141965		MVG	10/09/17	SR	DEC. INCHES
04	UPDATED REGAL LOGO		SS	05/17/16		XX ±.1
03	"C","AG" & "AD" DIM. UPDATED ON DASH #TABLE		PVR	11/21/12	JD	XX ±.03
02	KEY WAS .19 SQ x 1.75		JD	7/15/2011		XXX ±.005
01	ADD UL DECAL PER ISAAC 11--1098		LST	3/9/11		XXXX ±.0005
NO.	REVISION		BY & DATE		CHK	ANG ±1/2"
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					RFP	
THIS IS AN ELECTRONICALLY GENERATED DOCUMENT -- DO NOT SCALE THIS PRINT					DIST	

	Regal Beloit America, Inc.		DRAWN VV 18/08/07	
			CHK	
			APPD YS 18/08/07	
	TITLE OUTLINE- 180JM FRAME DRIP PROOF- "C" FACE- JM PUMP		SCALE 1=2	
	MAT'L		REF 035486	
FINISH		FMF 1841TDW4135		
CAD FILE 035547		SIZE B	DRAWING NO. 035547	REV. 05

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.




LINE LEADS



CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ()

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED			DRAWN RDW 5/1/02		
				DEC.	INCHES		CHK		
				.X	±.1		APPD		
				.XX	±.01		TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR	SCALE 1=1	
				.XXX	±.005			REF	
				.XXXX	±.0005	MAT'L. DECAL - 004169	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PREV		
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			DIST						