

PRODUCT INFORMATION PACKET



Model No: 182TTFW14005

Catalog No: M875A

Vertical Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
182HPV Frame, TEFC

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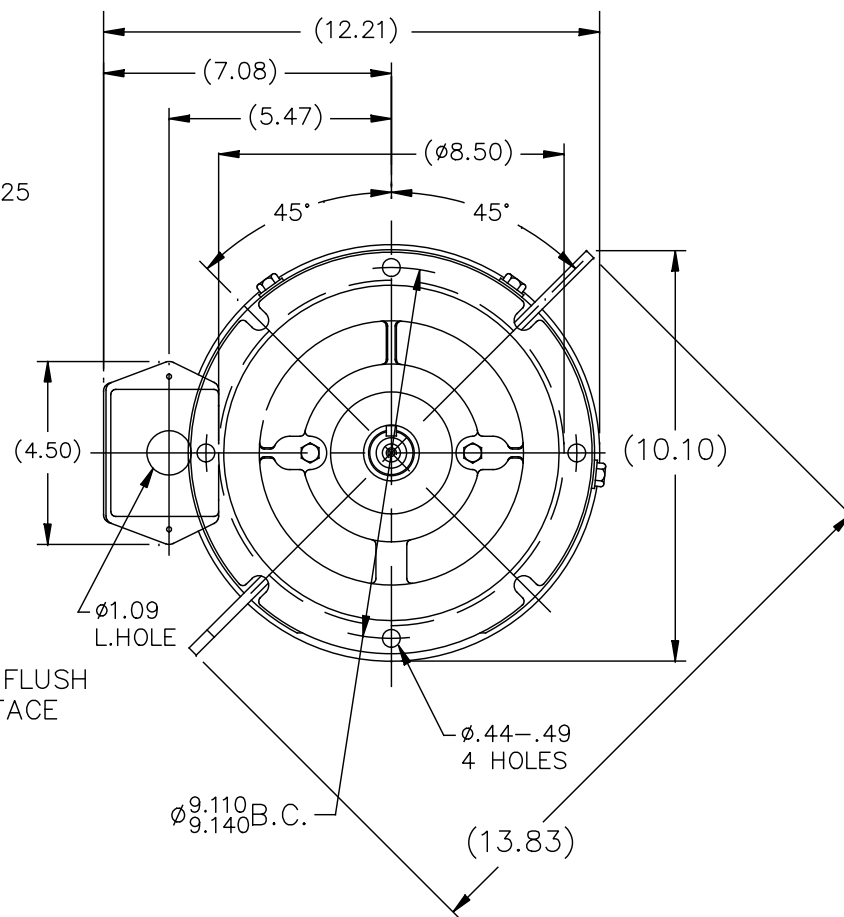


Nameplate Specifications


Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	3480 & 2920 rpm	Service Factor	1.15 & 1.0
Frame	182HPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	85.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.4/3.7 & 6/3 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.57 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	HP	Overall Length	18.05 in
Frame Length	5.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS69314-575	Connection Drawing	EE7308



DASH	FR.	C	AG	BV
575	182HP	18.05	15.30	7.88
675	182/4	19.05	16.30	8.38
775	182/4	20.05	17.30	8.88
825	182/4	20.55	17.80	9.12
925	182/4	21.55	18.80	9.62

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN TJB 10-03-2002				
5	ADDED ITEM 925	KIR 03/10/16	ST	DEC.	INCHES		CHK ML 10-03-2002				
4	ADDED ±.03 TOL. SHAFT SHOULDER	KS 1-3-2012	TB	.X	±.1		APPD PH 10-04-2002				
3	REMOVED "O" DIM. AT NOTE FOR SHAFT SHOULDER	RJW 04-20-2006	ML	.XX	±.03		SCALE 1=4.5				
2	ADD DASH 825 LINE	RWR 02-06-2004	PH	.XXX	±.005	TITLE OUTLINE 180HP FR. – BB – TS – TEFC – 'P' BASE	REF				
1	NEW DRAWING MU43594	TJB 10-04-2002	PH	.XXXX	±.0005		MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV				
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				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM	11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK ML	11/21/1990
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD SAS	04/24/2003
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE	1=1
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		REF
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L.		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7"30"	FINISH		PREV
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