

# PRODUCT INFORMATION PACKET



Model No: 182TTFR17043

Catalog No: M876A

3 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1800 RPM, 230/460 V, 182HPV Frame, TEFC  
Vertical Pump Motors

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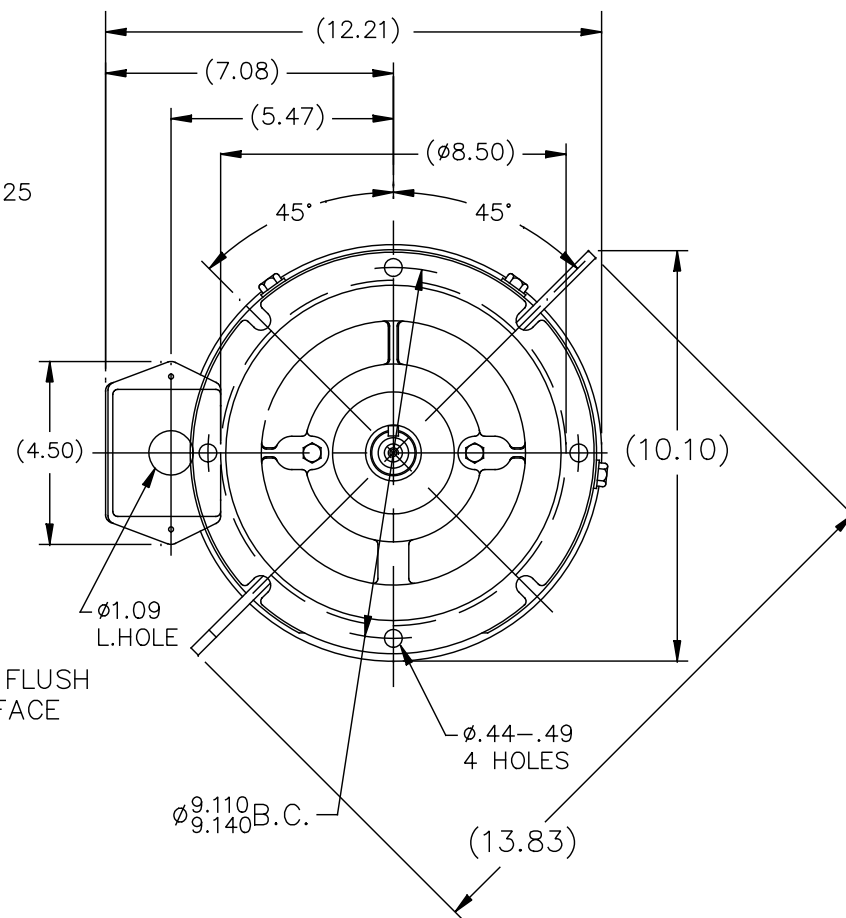


### Nameplate Specifications


Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.4/4.2 A	Speed	1740 rpm
Service Factor	1.15	Phase	3
Efficiency	82.5 %	Power Factor	79.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182HPV	Enclosure	Totally Enclosed Fan Cooled
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	43
Number of Speeds	1		

### Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	5.824 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
Connection Drawing	A-EE7308	Outline Drawing	A-SS69314-575



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		 <b>Regal</b> 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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			DIST LB						



				TOLERANCES UNLESS SPECIFIED		 <b>Regal Beloit America, Inc.</b>	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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