

PRODUCT INFORMATION PACKET



Model No: 182TTDR4033

Catalog No: E106

Close-Coupled Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
182JM Frame, DP

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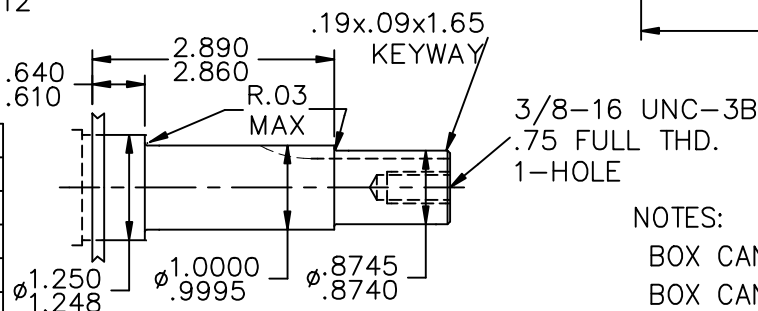
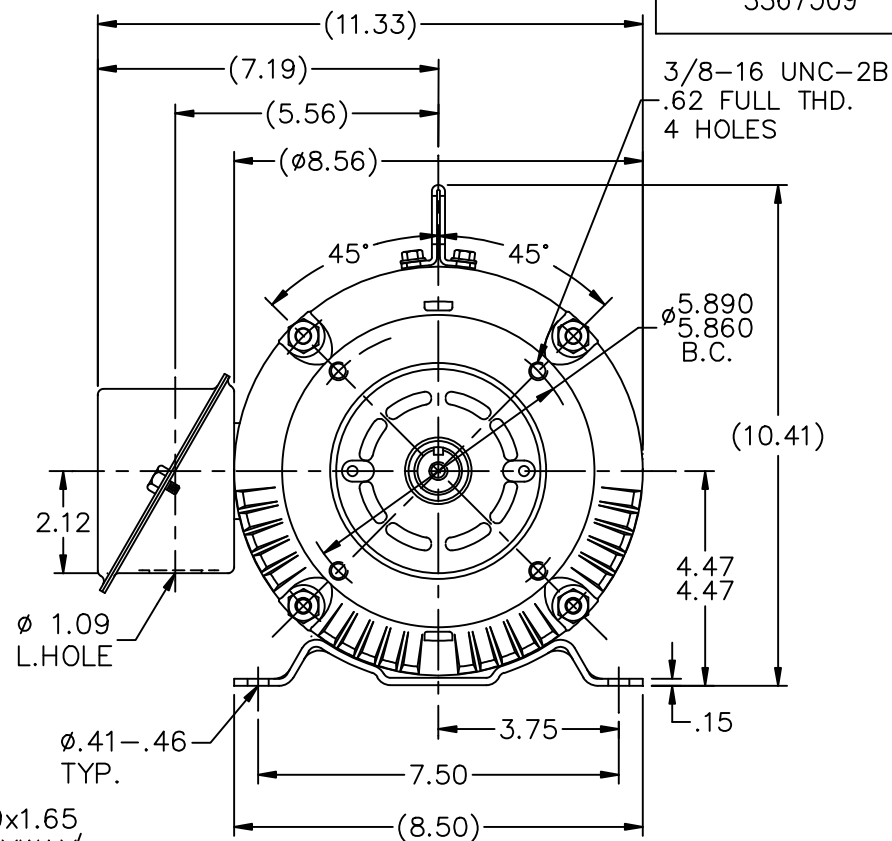
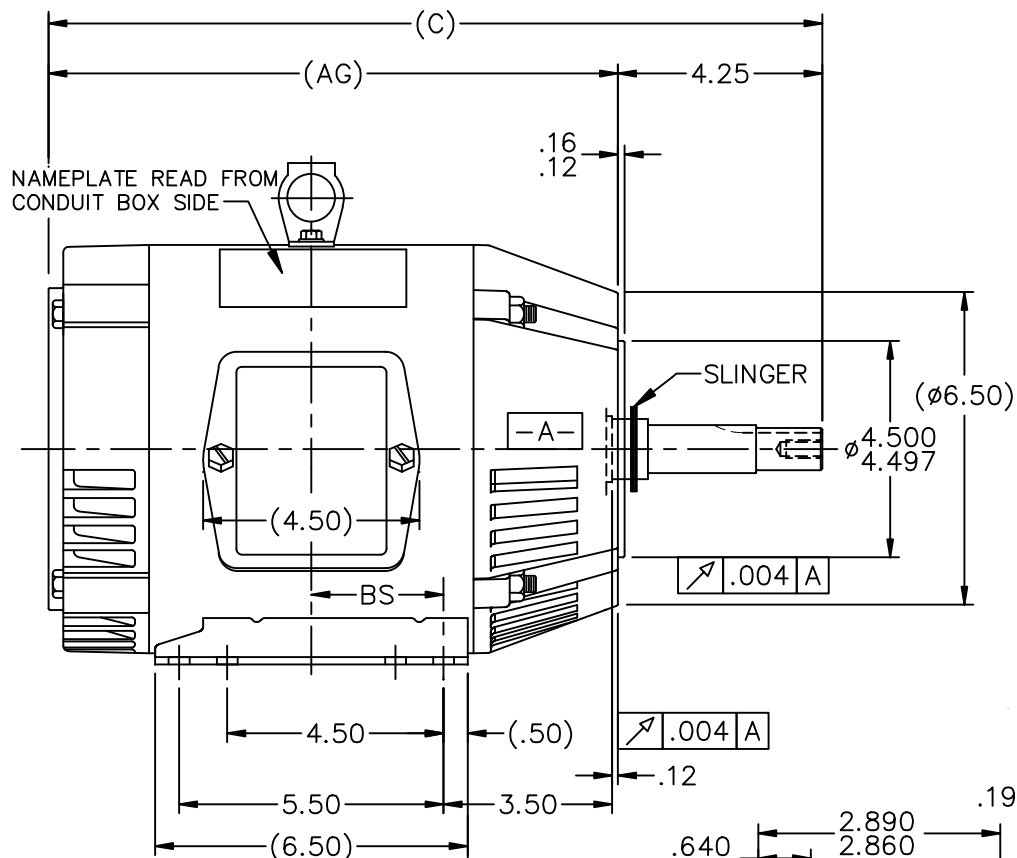
Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	1760 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	182JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	86.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.6/4.3 & 8.2/4.1 A	Power Factor	77
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
Drive End Bearing Size	6307	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	5.25 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	16.09 in
Frame Length	6.75 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308	Outline Drawing	A-SS67309-675

SS67309



DETAIL OF SHAFT EXT.

NOTES:

BOX CAN BE ROTATED IN 90° STEPS.
BOX CAN BE MOUNTED ON OPPOSITE SIDE BY
REMOVING BRACKETS AND TURNING FRAME 180°

DASH	FR	AG	C	BS	MOUNTING
575	182T	10.84	15.09	2.25	F1 OR F2
625	182T	11.34	15.59	2.50	F1 ONLY
675	182/4T	11.84	16.09	2.75	F1 OR F2
725	182/4T	12.34	16.59	3.00	F1 ONLY
775	182/4T	12.84	17.09	3.25	F1 ONLY
825	182/4T	13.34	17.59	3.50	F1 ONLY
875	182/4T	13.84	18.09	3.75	F1 ONLY

			TOLERANCES UNLESS SPECIFIED			DRAWN DJK 04-26-1993			
			DEC.	INCHES		CHK	ML	07-22-1993	
11	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.X	±.1			APPD	GK 07-22-1993
10	ADDED LIFT LUG CN 34025	NJS 07-20-2001		.XX	±.03	TITLE OUTLINE - JM EXT.			
9	ADDED FRAME SIZE TO -825 & -875 CN 27400-320	CAE 11-03-1999		.XXX	±.005	180 FR. - BB - TS - DR.PR. - C' FACE			
8	REVISED DASH TABLE CN 27451	MRB 05-11-1999		.XXXX	±.0005	SCALE 1=4			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	REF			
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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		FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	PREV				
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