

PRODUCT INFORMATION PACKET



Model No: 182TTFS6519

Catalog No: 182TTFS6519

3 HP, Severe Duty Motors, 3 phase, 3600 RPM, 230/460 V, 182TCVZ Frame, TEFC
Severe Duty Motors

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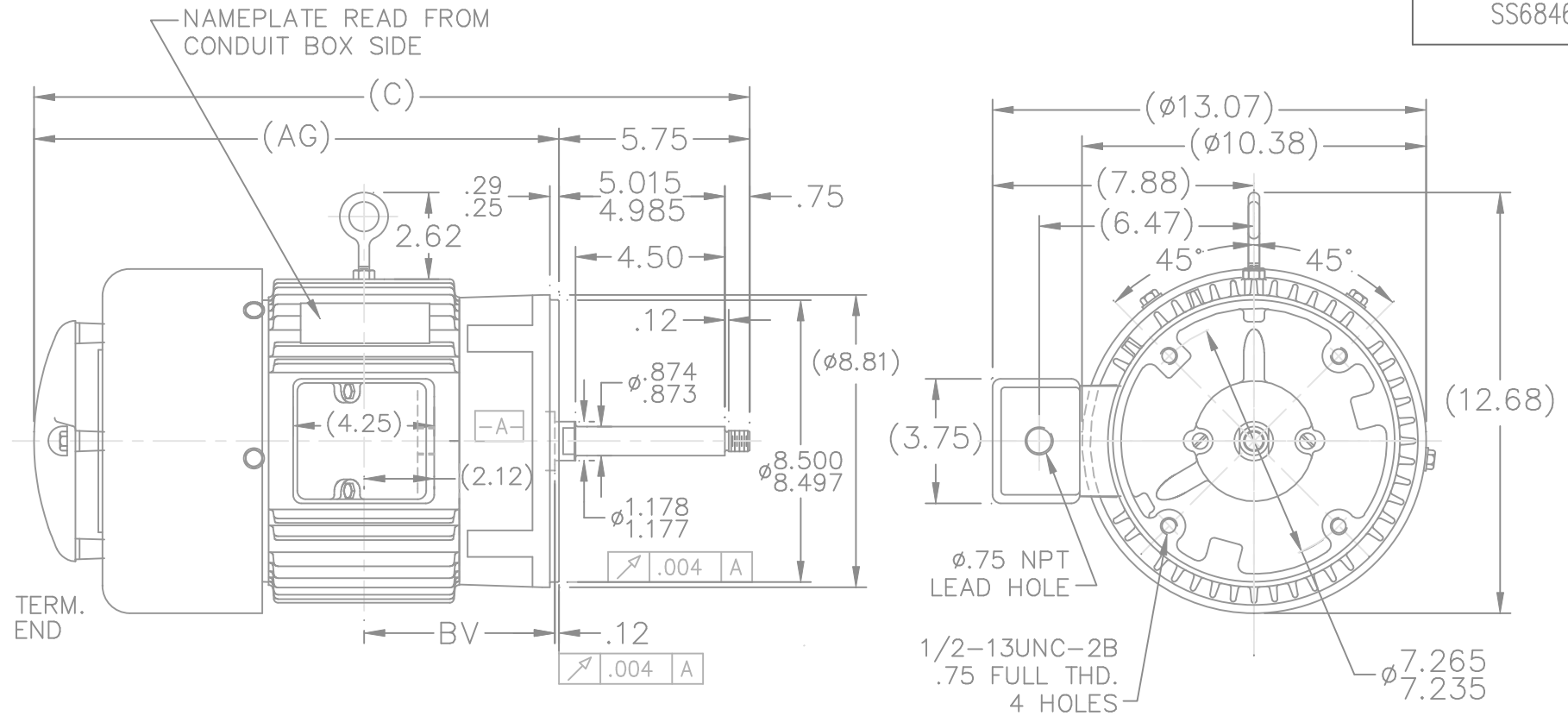


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	7.6/3.8 A	Speed	3525 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182TCVZ	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	54
Number of Speeds	1		

Technical Specifications

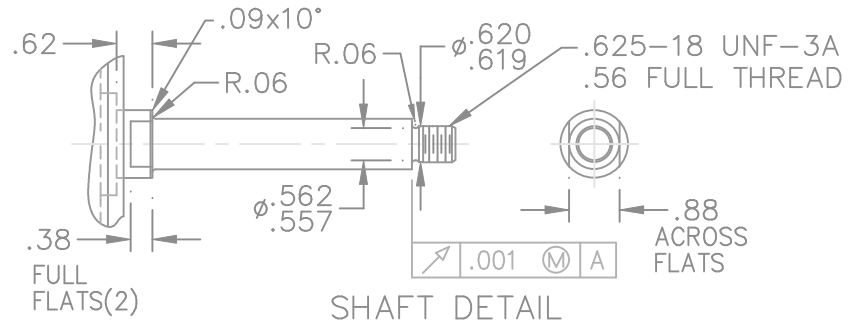
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.56 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Overall Length	21.57 in
Frame Length	5.75 in	Shaft Diameter	1.125 in
Shaft Extension	5.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS68461-575	Connection Drawing	A-EE7308




MAX. ENDPLAY TO BE .006

BOX CAN BE ROTATED IN 90° STEPS

DASH	FR.	C	AG	BV		
575	182TC	21.57	15.82	5.75		
675	182/4TC	22.57	16.82	6.25		



				TOLERANCES UNLESS SPECIFIED			DRAWN MJD 09-24-1997					
				DEC.	INCHES		CHK	ML	09-29-1997			
				.X	±.1		APPD	PH	09-29-1997			
3	UPDATED DRAWING		RJW 05-15-2007		.XX	±.03	TITLE OUTLINE			SCALE	1=5	
2	REVISED -675 FRAME WAS 184TC CN27400-320		CAE		.XXX	±.005	180T FR. - BB - TS - TEFC - C'FACE			REF		
1	NEW DRAWING MU16681		MJD 09-29-1997		.XXXX	±.0005	MAT'L.			FMF		
NO.	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH			PREV		
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				DIST LB						A	SS68461	



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		DRAWN RM	ML	OF	REV.
					DEC.	INCHES				
5	CHG TO REGAL LOGO	SL 09/10/2015	AB				 Regal Beloit America, Inc.			
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1					
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02					
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005					
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005					
					±7'30"		FINISH			
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