

PRODUCT INFORMATION PACKET



Model No: SD110
Catalog No: SD110
3 HP Severe Duty Motor, 3 phase, 3600 RPM, 208-230/460 V, 182T Frame, TEFC
Severe Duty Motors



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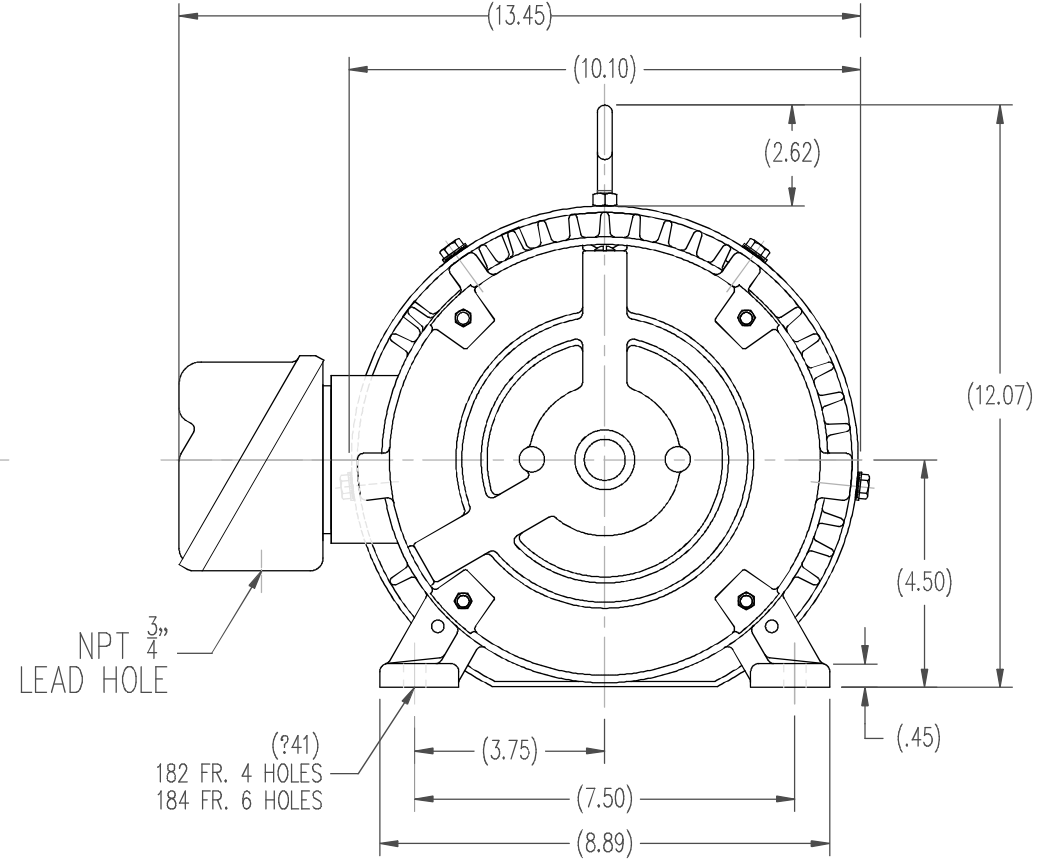
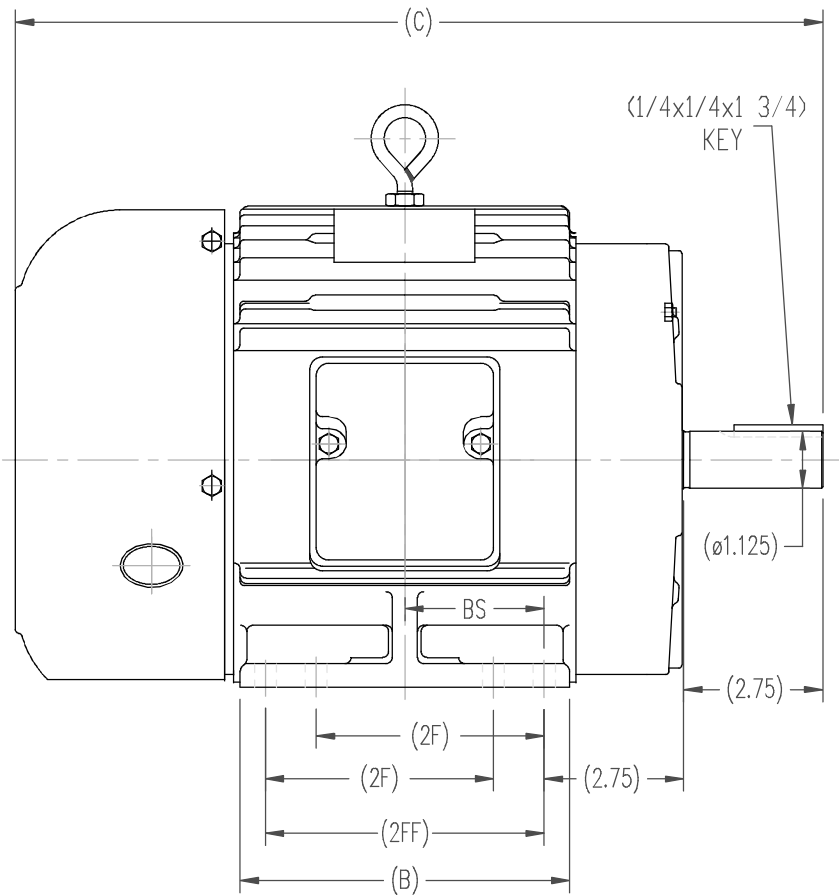
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	8.4-7.6/3.8 A	Speed	3505 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	1

Technical Specifications

Electrical Type	POLYPHASE	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Keyed	Overall Length	15.15 in
Frame Length	5.74 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in		
Outline Drawing	SS620603	Connection Drawing	A-EE7308

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182T	15.15	5.50	-	4.50	2.25
184T	16.14	6.55	5.50	4.50	2.75
FRAME	C	B	2FF	2F	BS

			TOLERANCES UNLESS SPECIFIED		REGAL REGAL-BELOIT CORPORATION		DRAWN ZOU 7.17.2012			
			DEC.	INCHES			CHK			
			.X	±.1	TITLE OUTLINE 182/184T FR. TEFC-SEVERE DUTY		APPD			
			.XX	±.03			SCALE			
			.XXX	±.005	MAT'L.		REF			
			.XXXX	±.0005			FMF			
NO. REVISION			BY & DATE	CHK	ANG	FINISH	PREV			
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT					RFP	CAD FILE	SS620603	SIZE	DRAWING NO.	REV.
					DIST			B	SS620603	

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					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		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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