

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 184TTFR8914

Catalog No: M216

Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
184JP Frame, TEFC

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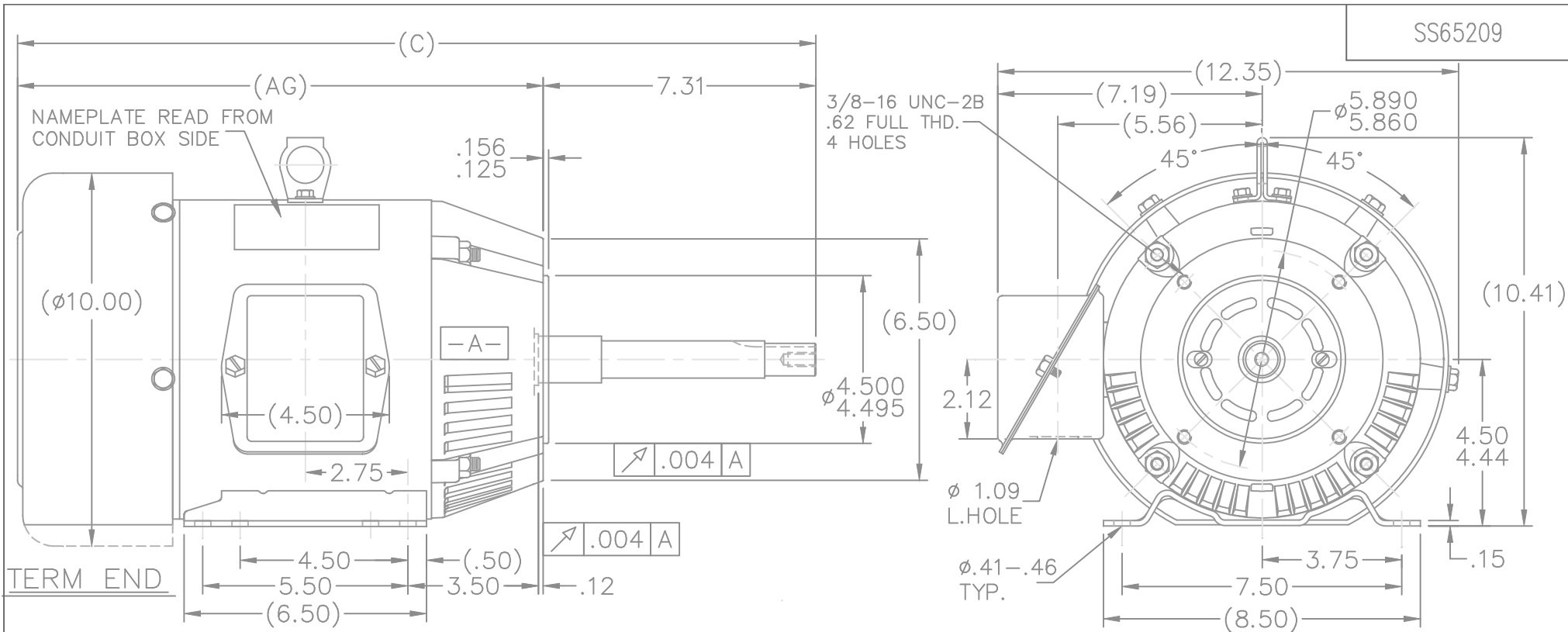
The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	3500 & 2900 rpm	Service Factor	1.15 & 1.0
Frame	184JP	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	85.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	20-19/9.5 & 15.2/7.6 A	Power Factor	87.8
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6307	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	2	Rotation	Reversible
Resistance Main	1.55 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	21.91 in
Frame Length	7.25 in	Shaft Diameter	0.875 in
Shaft Extension	7.34 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308	Outline Drawing	A-SS65209-725



BOX CAN BE ROTATED IN 90° STEPS.
BOX CAN BE MOUNTED ON OPPOSITE SIDE BY
REMOVING BRACKETS AND TURNING FRAME 180°.
SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.
NEAR POINT "X".

DASH	FR.	C	AG	BS	MOUNTING
575	182T	20.41	13.10	2.25	F1 OR F2
675	182/4T	21.41	14.10	2.75	F1 OR F2
725	182/4T	21.91	14.60	2.75	F1 ONLY
775	184T	22.41	15.10	3.00	F1 ONLY

				TOLERANCES UNLESS SPECIFIED			DRAWN DJK 04-22-1993					
				DEC.	INCHES		CHK	ML	07-21-1993			
12	RERAWN IN AUTOCAD	TAT 07-13-2004	ML	.X	±.1	TITLE OUTLINE 180T FR.-BB-TS-TEFC-C' FACE	APPD	GK	07-21-1993			
11	UPDATED SHAFT GEOMETRY CN 31282	DRS 08-22-2001		.XX	±.03		SCALE	1=4				
10	ADDED LIFTING LUG MU38128	CAV 08-01-2001		.XXX	±.005		REF					
9	REVISED MOUNTING CN 27400-320	CAE 10-19-1999		.XXXX	±.0005		FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV					
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NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	REGAL TM Regal Beloit America, Inc.	DRAWN RM 11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES	TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	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		REF
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		FMF
					±7'30"	MAT'L.	PREV
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