

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 184TTDB7356

Catalog No: M318

Other Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
184JMV Frame, DP

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RegalRexnord

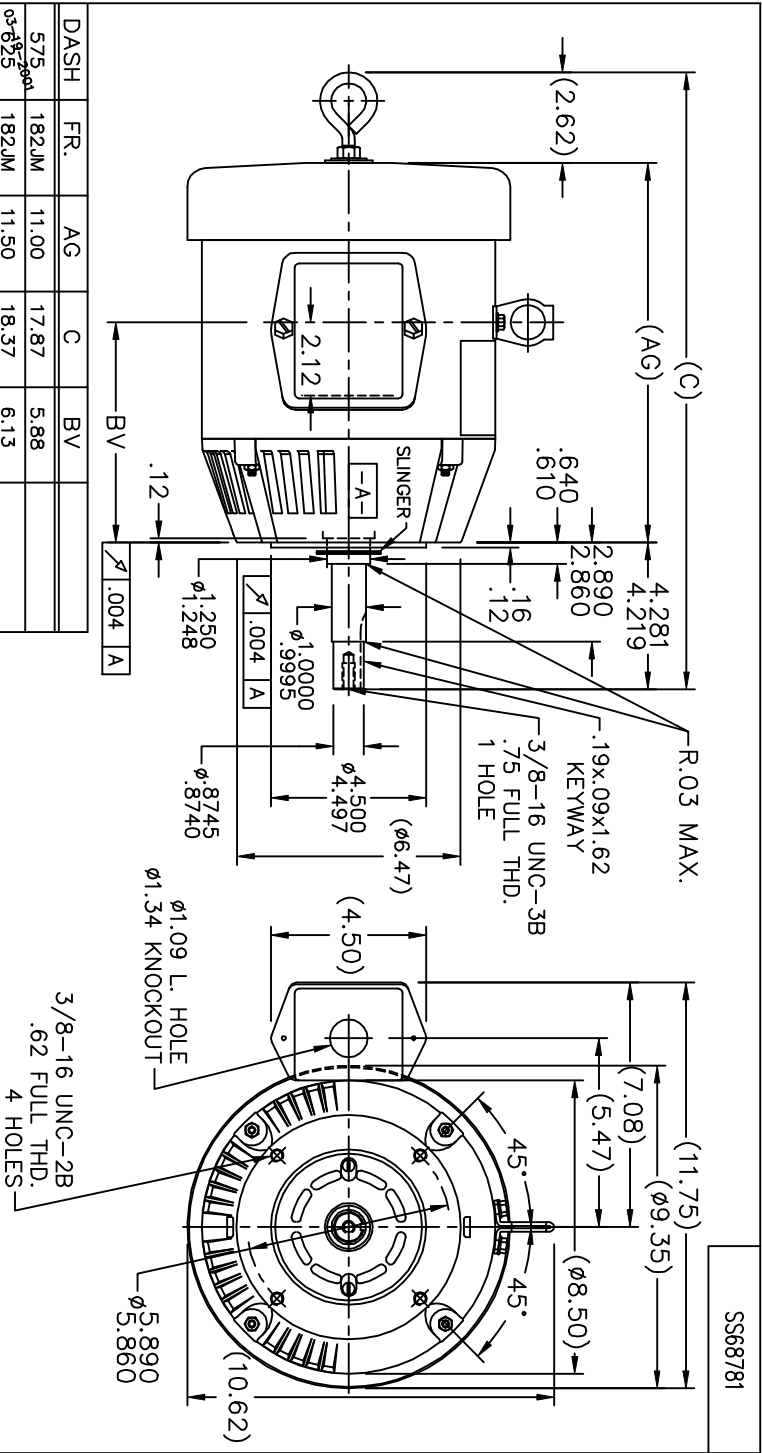


Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	1745 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	184JMV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	86.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	14.4-13.6/6.8 & 10.4/5.2 A	Power Factor	80.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	J
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	2.85 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	18.87 in
Frame Length	6.75 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS68781-675	Connection Drawing	A-EE7308



NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. NAMEPLATE TO BE READ FROM SHAFT EXTENSION
 END OF MOTOR.

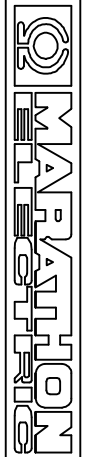
DASH	FR.	AG	C	BV
575	182JM	11.00	17.87	5.88
625	182JM	11.50	18.37	6.13
675	182/4JM	12.00	18.87	6.38
725	182/4JM	12.50	19.37	6.13
775	182/4JM	13.00	19.87	6.88
825	182/4JM	13.50	20.37	7.13

NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV
7	UPDATED DRAWING	RAW 05-15-2007				
6	ADDED LIFT LUG	DRS 08-30-2001				
5	REVISED "C" DIMENSIONS	CN27400-633				
4	ADDED LIFT LUG	CN34025				
3	RELOCATED NAMEPLATE GEOMETRY	CN34025				
2	RELOCATED NAMEPLATE GEOMETRY	CN34025				
1	RELOCATED NAMEPLATE GEOMETRY	CN34025				

UNLESS SPECIFIED	TOLERANCES
DEC.	INCHES
X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

SIZE	DRAWING NO.	PAGE	OF	REV.
A	SS68781	SS68781	7	7

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TITLE OUTLINE
 180JM - DR. PR. - VERT. - C'FACE

DRAWN	MRB	04-21-1999
CHK	ML	04-22-1999
APPD	PH	04-22-1999
SCALE	1=4	
REF		
FINF		

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			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				
					±7'30"			PREV				
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							DIST WP					



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