

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 184TTDR7322

Catalog No: M319

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

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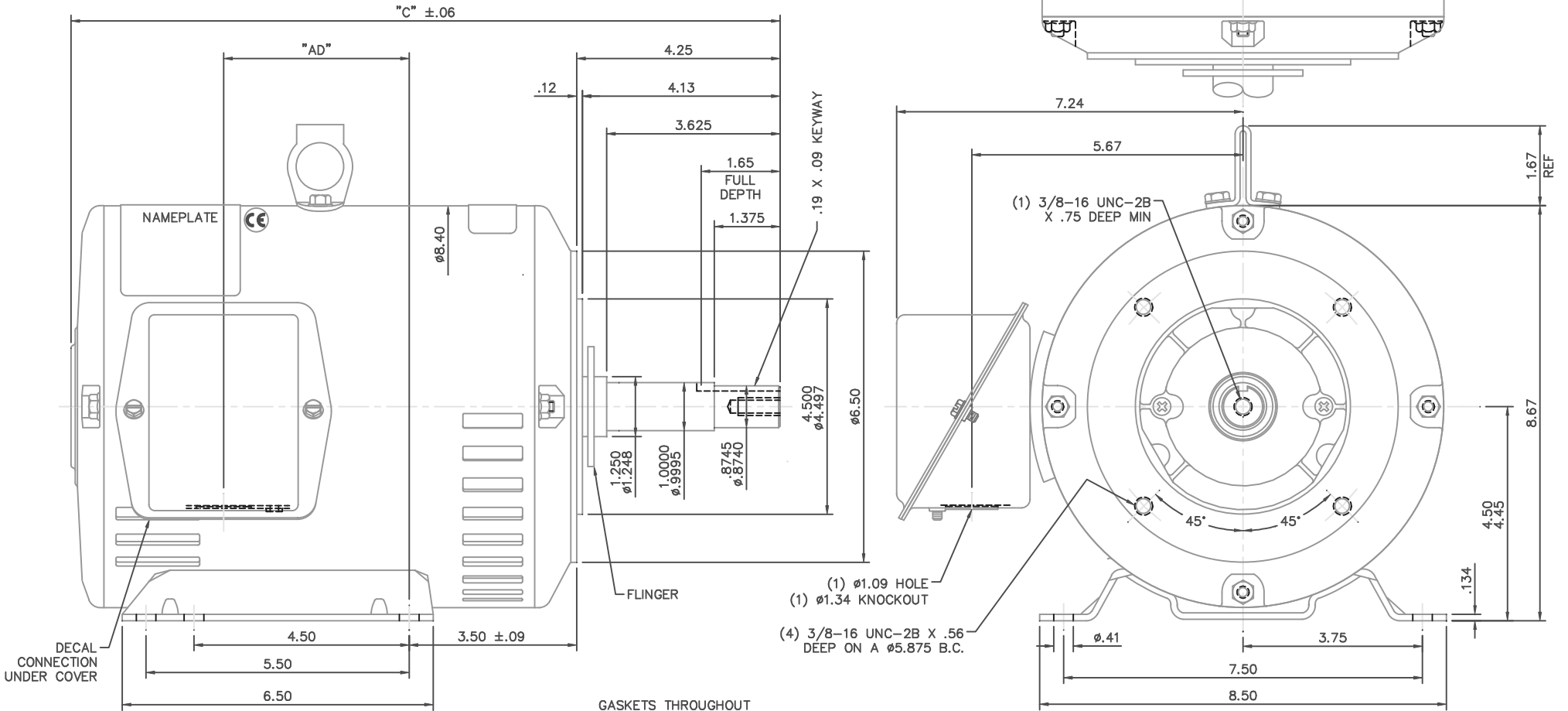
RegalRexnord

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	3450 & 2875 rpm	Service Factor	1.15 & 1.15
Frame	184JMV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	19.8-18.4/9.2 & 14.6/7.3 A	Power Factor	90.8
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6207	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	2	Rotation	Reversible
Resistance Main	.52 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	15.82 in
Frame Length	10.00 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	00501001ME	Outline Drawing	035444-1000



MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .004 T.I.R.

DASH NO.	"C"	"AD"
800	13.82	2.88
850	14.32	3.38
900	14.82	3.88
950	15.32	4.38
1000	15.82	4.88
1050	16.32	5.38
1100	16.82	5.88
1150	17.32	6.38

NO.	REVISION	BY & DATE
02	ADDED "CE" DECAL PER ECR 83426	RDW 4/26/04
01	ADDED WARNING DECAL (139027)	MGM 2/6/03

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
CHK	ANG ±1/2'
RFP	9/19/02
DIST	



TITLE OUTLINE - 180JM FRAME
 DRIP PROOF - RIGID "C" - JM PUMP

DRAWN	RDW 9/19/02	CHK
APPD	SW 9/19/02	SCALE 1=2
REF	FMF	PREV
SIZE B	DRAWING NO. 035444	REV. 02

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

		TOLERANCES UNLESS SPECIFIED		DRAWN RDW 04/12/02					
		DEC.	INCHES	CHK					
		.X	±.1	APPD					
		.XX	±.01	SCALE 1=1					
		.XXX	±.005	REF FIG.2-51					
		.XXXX	±.0005	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV			
				±1/2'					
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	04/12/02	CAD FILE	00501001ME	SIZE	DRAWING NO.	REV.
			DIST				A	005010-01ME	



TITLE EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR
MAT'L. DECAL - 004014