

PRODUCT INFORMATION PACKET



Model No: 184TTDR8039

Catalog No: M163

Close-Coupled Pump Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
184JPV Frame, DP

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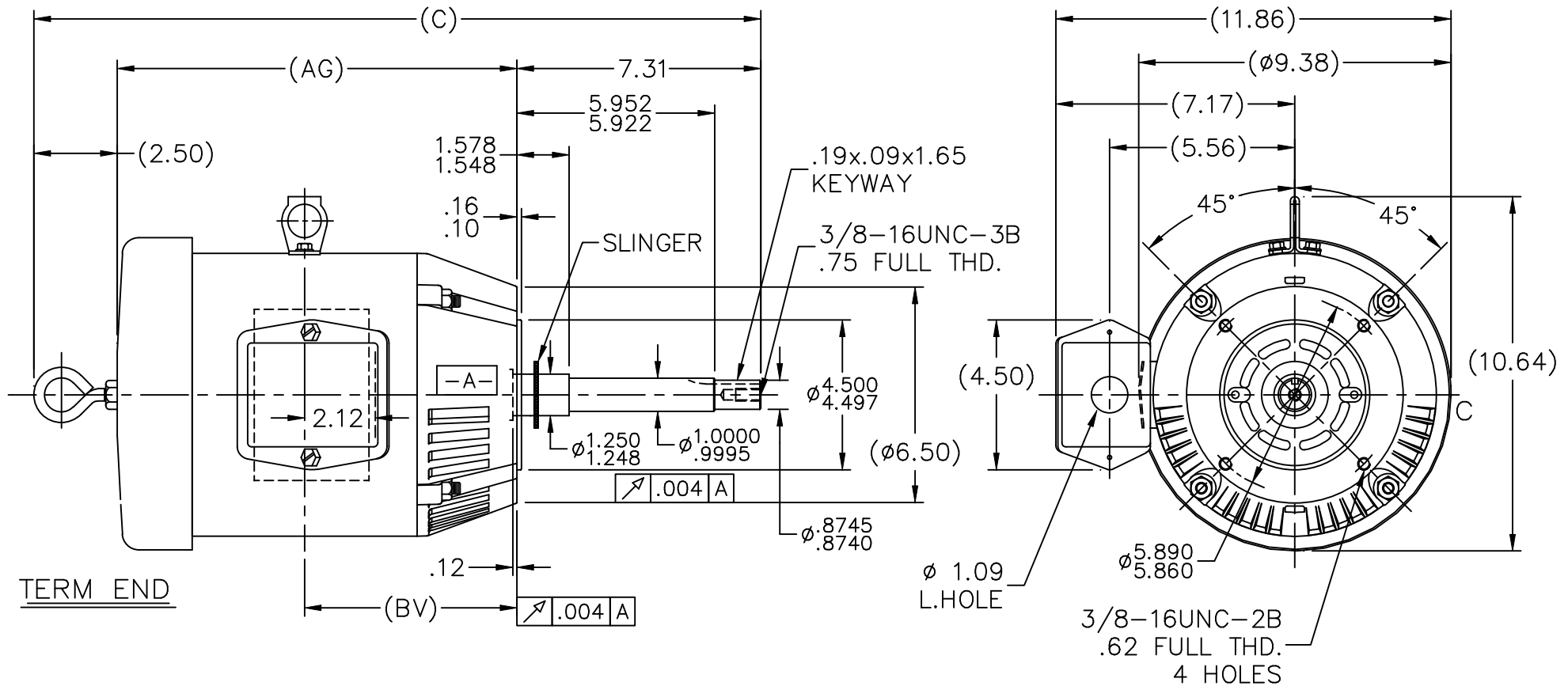


Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	1725 & 1450 rpm	Service Factor	1.15 & 1.0
Frame	184JPV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	82.5 & 82.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	14.6-13.4/6.7 & 9.8/4.9 A	Power Factor	85.5
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	3.96 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	21.94 in
Frame Length	6.75 in	Shaft Diameter	0.875 in
Shaft Extension	7.31 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS67319-675	Connection Drawing	A-EE7308



DASH	FR.	C	AG	BV	
575	182T	20.94	11.53	5.88	
675	182/4T	21.94	12.53	6.38	
725	182/4T	22.44	13.03	6.63	
775	182/4T	22.94	13.53	6.88	
825	182/4T	23.44	14.03	7.13	

NOTES:

- COND. BOX CAN BE ROTATED IN 90° STEPS.
- NAMEPLATE TO BE READ FROM SHAFT EXT. END OF MOTOR LOCATED @ 'C'.

			TOLERANCES UNLESS SPECIFIED			MARATHON ELECTRIC	DRAWN MH 01-29-1997			
8	REVISE THE 'C' DIM AND DIM. LINE LOCATION ECN9276	RWR 09-11-2006	ML	DEC.	INCHES		CHK	ML	01-31-1997	
7	ADDED NEW LIFT LUG CN 34025	DRS 08-22-2001		.X	±.1	TITLE OUTLINE 180T FR.-BB-TS-VERT. DR.PR.-JP EXT. MAT'L. FINISH	APPD	GK	01-31-1997	
6	REVISED, -675 & -775 FR. WAS 184T CN27400-320	CAE 11-02-1999		.XX	±.03		SCALE	7=32		
5	ADDED MOUNTING TYPE CN 27451	DRS 05-03-1999		.XXX	±.005		REF			
4	REDRAWN ON CADD	MH 01-31-1997		.XXXX	±.0005		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	PREV				
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				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM	11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		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
NO.	REVISION	BY & DATE	CHK	ANG	±7"30"	FINISH		PREV
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