

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 184TTDBD6008

Catalog No: GT0515A

7.50 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 575 V, 184JM Frame, ODP

Close-Coupled Pump Motors



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RegalRexnord

Nameplate Specifications

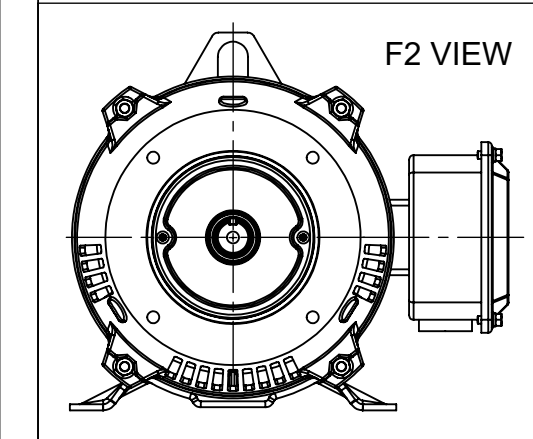
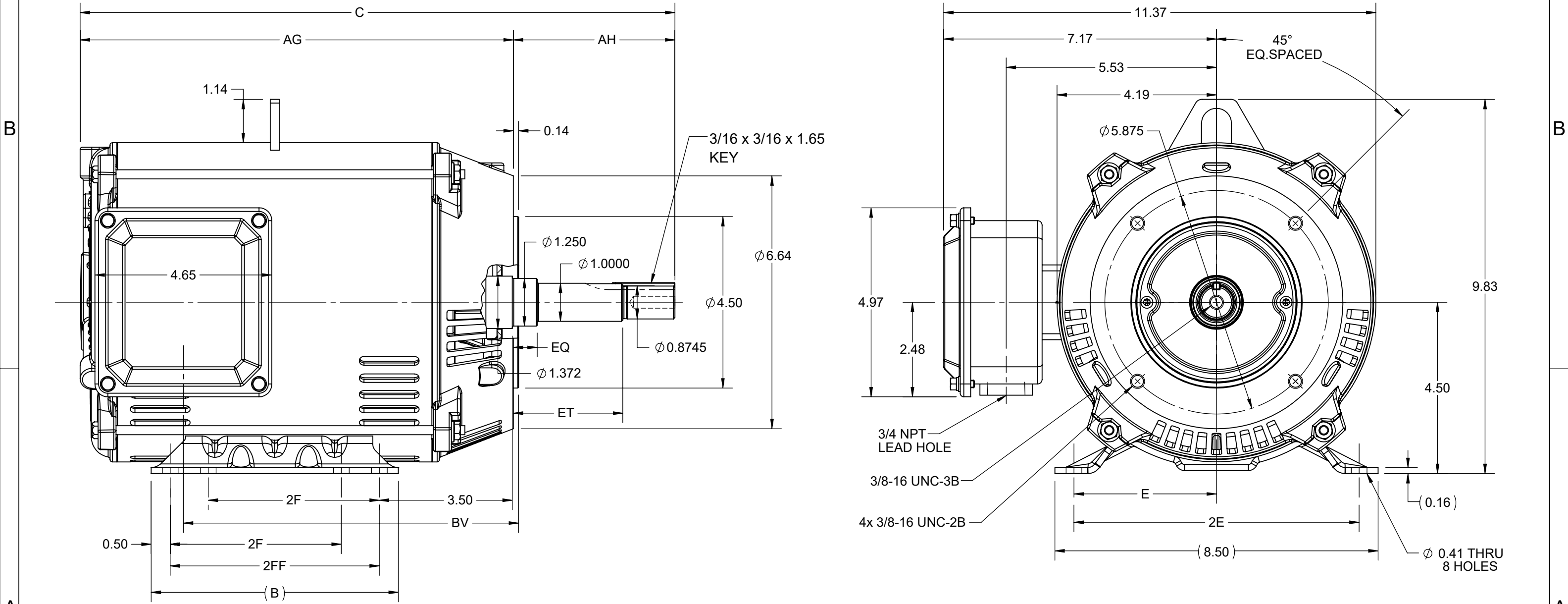
Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	575 V
Current	7.4 A	Speed	3510 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	J
Frame	184JM	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

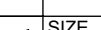
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	2.455 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Shaft Diameter	0.874 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	VARIABLE 10:1
Outline Drawing	SS600204-200	Connection Drawing	EE7300

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4				3						2			1	
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BV	EQ	ET	MOUNTING	FRAME	
100	6.50	14.64	3.75	7.50	4.50	5.50	10.39	4.25	8.81	0.62	2.87	F1 OR F2	182JM	
200		15.64					11.39						184JM	

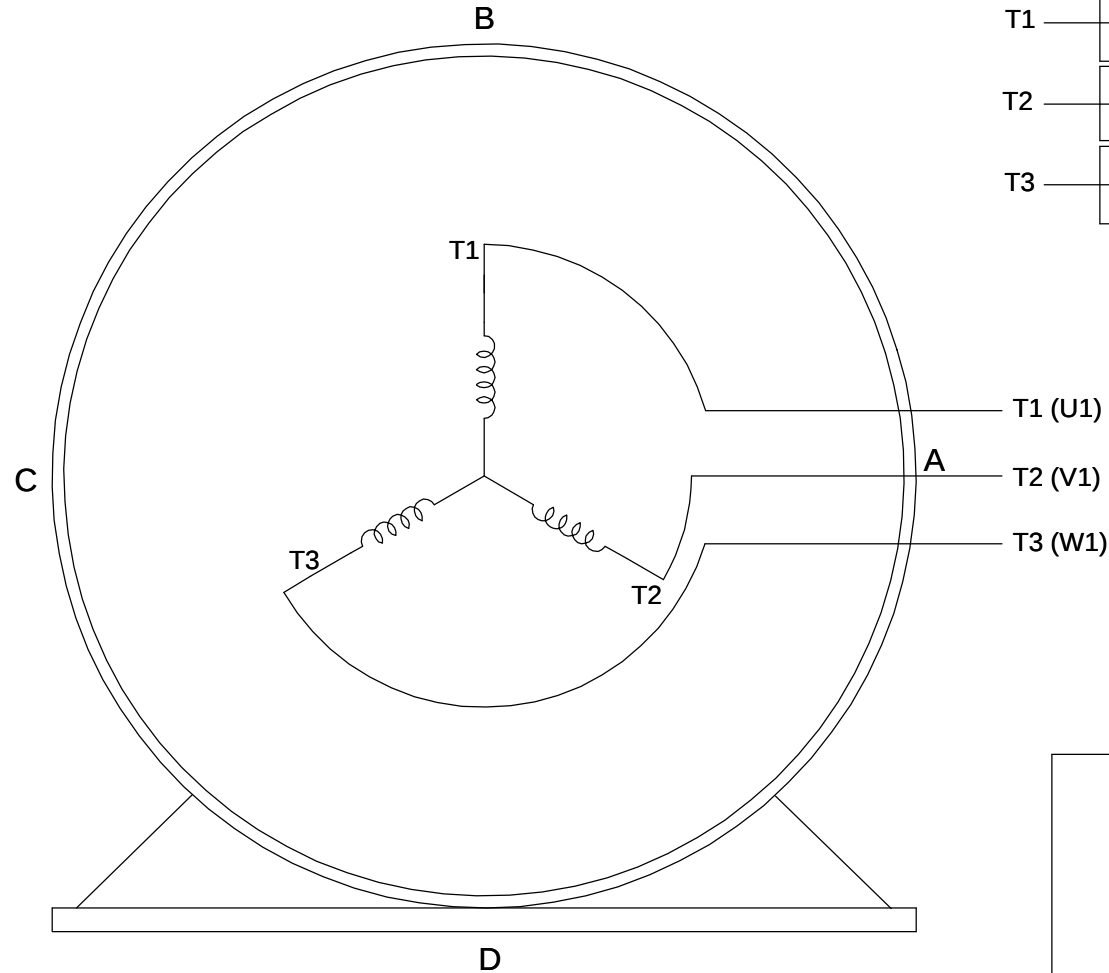
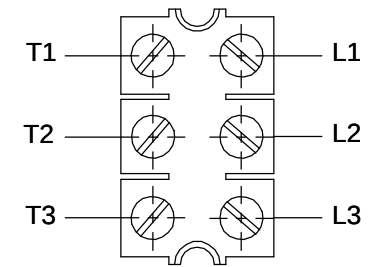


DRAWING REVISION B	REVISION BY ASHOK N	REV DATE/© DATE 15/02/2021	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY PRIYA	 Regal Beloit America, Inc.			
ECO CR-0001098	APPROVED BY GNK	DATE 15/02/2021		DATE 12/03/2018	DESCRIPTION OUTLINE 182/184JM FR-NEMA-ODP RS			
ECO DESCRIPTION				APPROVED BY SBD				
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				REFERENCE				
				THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS600204		SHEET 1 OF 1

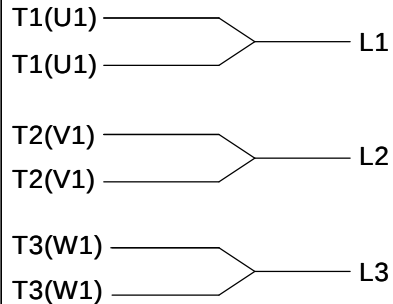
THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

TERMINAL BLOCK WHEN SPECIFIED

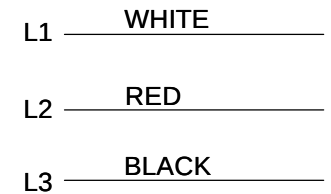


IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION



VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1
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**P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311**

CERTIFICATION DATA SHEET**CUSTOMER:****ORDER #:****CONN. DIAGRAM:** EE7300**OUTLINE:** SS600204-184JM**WINDING #:** HE31122019 2**CUSTOMER PO#:****MODEL #:** 184TTDBD6008 AA**CUSTOMER PART #:****MOUNTING:** F1/F2 CAPABLE**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
7 1/2	5.60	3600	3510	184JM	DP	H	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	575	7.1	LINE OR INVERTER	CONTINUOUS	F7	1.15	40

FULL LOAD EFF:	88.5	3/4 LOAD EFF:	89.5	1/2 LOAD EFF:	88.5	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	89	3/4 LOAD PF:	85	1/2 LOAD PF:	76	87.5		SQ CAGE INV RATED

F.L. TORQUE		LOCKED ROTOR AMPS		L.R. TORQUE		B.D. TORQUE		F.L. RISE°C
11.2 LB-FT		48		21.8 LB-FT 195 %		30.8 LB-FT 275 %		55

SOUND PRESSURE @ 3 FT.		SOUND POWER		ROTOR WK^2		MAX. WK^2		SAFE STALL TIME		STARTS / HOUR		APPROX. MOTOR WGT
71 dBA		81 dBA		0.3 LB-FT^2		15 LB-FT^2		10 SEC.		2		70 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	PROVISIONS ONLY	NONE	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	JM	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL
6307	6205						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

*

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INVERTER TORQUE:

CONSTANT 2:1/VARIABLE 10:1

INV. HP SPEED RANGE: NONE**ENCODER:** NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

NONE NONE

NONE FT-LB NONE V NONE Hz

PREPARED BY: DineshSuddula **DATE:**

02/13/2019 03:43:49 AM

FORM 3531 REV.3 02/07/99

** Subject to change without notice.

