# **PRODUCT INFORMATION PACKET**

Model No: 184TTDW16038 Catalog No: U428B General Purpose Motor, 5 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 184T Frame, DP



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Product Information Packet: Model No: 184TTDW16038, Catalog No:U428B General Purpose Motor, 5 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 184T Frame, DP

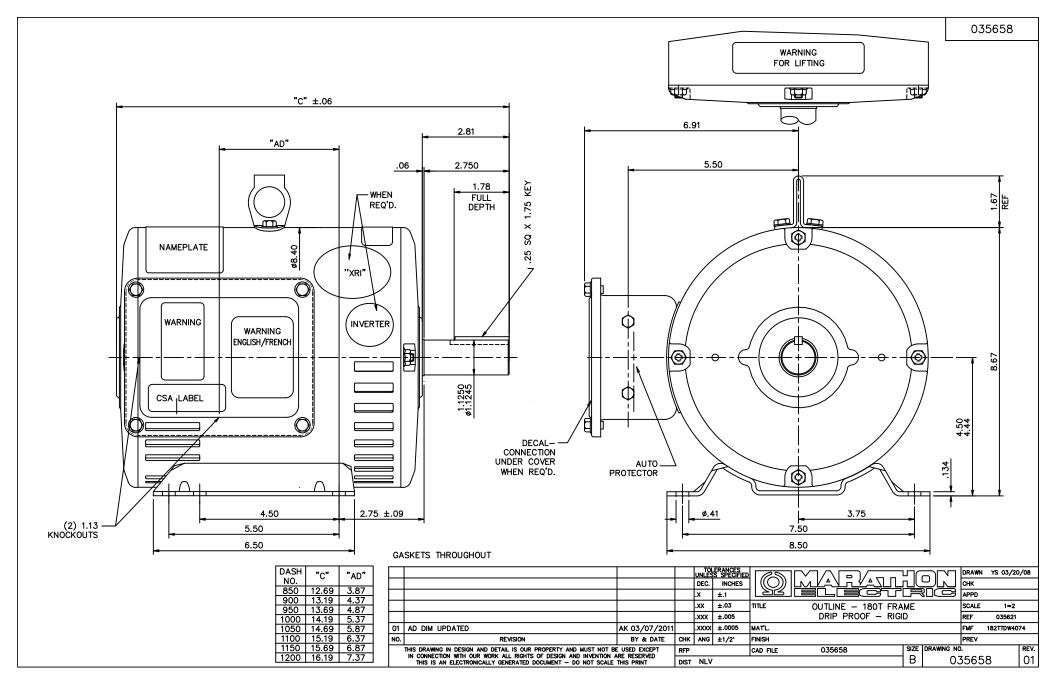
## Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	12.6/6.3 A	Speed	1755 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	J
Frame	184T	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6206	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	2.72 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Overall Length	14.19 in
Frame Length	10.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.81 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035658-1000	Connection Drawing	005020.02ME

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									00502	20-02ME
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END	•	LINE LEAD						LEAD	S	
			P1 F P2 F P2 T P2 T P2 T P2 T P2 T P2 T P2 T P2 T	2 3 6 4 5 5 6 7 7	19. T3	P6	тб Тб			4 5 T2 T8
				8 9	VOLTAGE	L1	L2	L3	JOIN	SEPARATE
					HIGH	T1	T2	тз	(T4,T7) (T5,T8) (T6,T9)	(P4) (P5) (P6)
					LOW	T1,T7	T2,T8	Т3,Т9	(T4,P4) (T5,P5) (T6,P6)	
		TOLE UNLESS DEC.	RANCES SPECIFIEI INCHES	2					DRAWN CHK	LST 7/2/08
			±.1							
			±.01	TITLE	EXTERNAL				SCALE	1=1
			±.005			W/ PRC			REF	
			±.0005	MAT'L.	DEC	AL - 004	023		FMF	
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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	RFP			CAD FILE 0	0502002ME				005020-02	
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#### **CERTIFICATION DATA SHEET**

Model#:	184TTDW16038 AA	WINDING#:	T84169 DR 7
CONN. DIAGRAM:	005020.02ME	ASSEMBLY:	F1 ONLY
OUTLINE:	035658-1000		

### TYPICAL MOTOR PERFORMANCE DATA

НР	ĸw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5&4	3.7&2.98	1800	1755&1460	184T	DP	J	В

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/	12.6/6.3&12.4/	ACROSS THE	CONTINUOU	F4	1.15/1.15	40	3300
		380	6.2	LINE	S				

FULL LOAD EFF: 89.5&89.5	3/4 LOAD EFF: 90.7	1/2 LOAD EFF: 90.3	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83&77.5	3/4 LOAD PF: 78.4	1/2 LOAD PF: 68.6	87.5	SQ CAGE IND RUN	5 / 2.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
14.95 LB-FT	95 / 47.5	30 LB-FT 200	49.3 LB-FT 329	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.434 LB-FT^2	0 LB-FT^2	15 SEC.	2	0 LBS.

### \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6206	6205						

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	THERMOSTATS PROTECTORS WDG RTDs BRG RTDs					
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further

information

INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE		
ENCODER: NONE		
NONE NONE		
NONE NONE PPR		
BRAKE: NONE	NONE	
NONE P/N NO	DNE	
NONE NONE		
NONE FT-LB	NONE V	NONE Hz

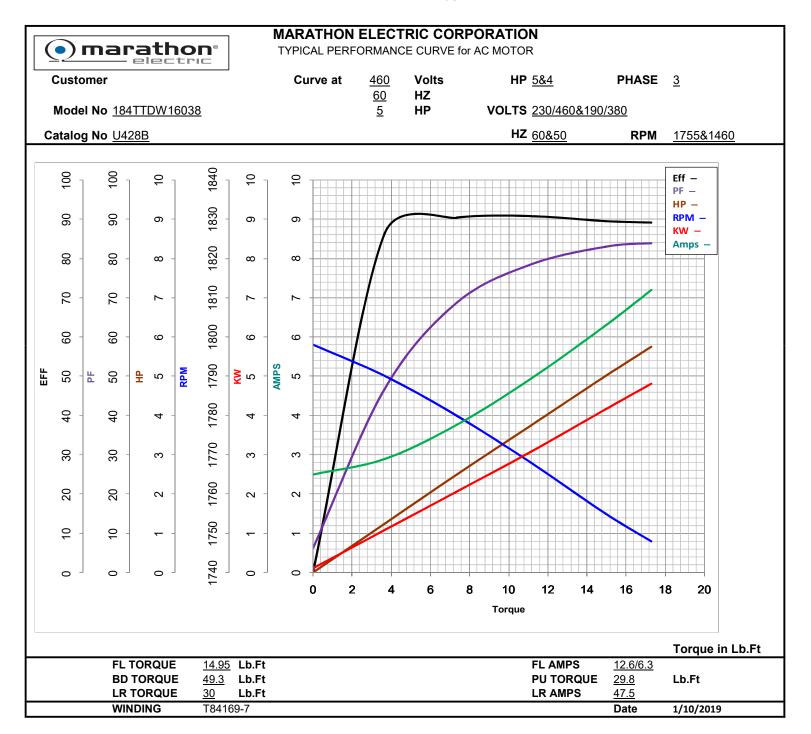
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# **EC Declaration of Conformity**

The undersigned representing the manufacturer:

Regal Beloit America 100 East Randolph St. Wausau, WI 54401 and the authorized representative established within the Community:

Marathon Electric UK 6F Thistleton Road Ind. Estate Market Overton Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 184TTDW16038

(Model No. may contain prefix and/or suffix characters)

Catalog No : U428B

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010) EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Michael A Logsdon

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

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Authorized Representative in the Community:

Julian Clark Marketing Engineer