PRODUCT INFORMATION PACKET

Model No: 184TTFN16056 Catalog No: E202-P XRI® General Purpose General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 184T Frame, TEFC



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Motors

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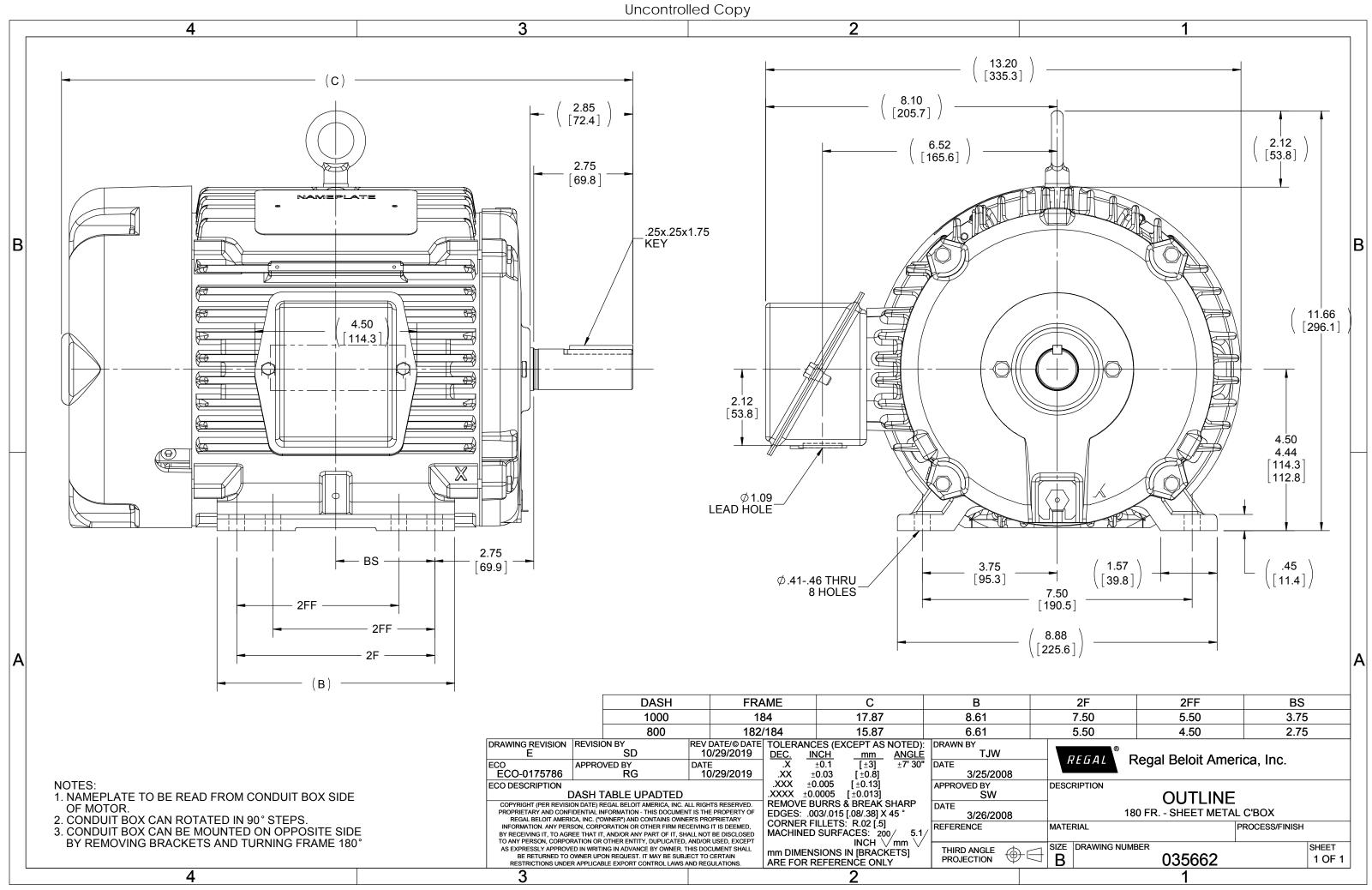
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1755 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.2 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 9.6/4.8 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	2.62 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	т	Overall Length	17.87 in
Frame Length	10.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.85 in	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 20:1		
Connection Drawing	EE7308	Outline Drawing	035662-1000

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CERTIFICATION DATA SHEET

Model#:	184TTFN16056 AA	WINDING#:	K1844215 NONE 1
CONN. DIAGRAM:	EE7308	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	035662-1000		

TYPICAL MOTOR PERFORMANCE DATA

HP	ĸw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5&3	3.70&2.24	1800	1755&1465		TEFC	J	В
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PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/	12.4/6.2&9.6/4	LINE OR	CONTINUOU	F3	1.15/1.15	40	3300
		380	.8	INVERTER	S				

FULL LOAD EFF: 90.2&90.2	3/4 LOAD EFF: 90.2	1/2 LOAD EFF: 90.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83.5&79	3/4 LOAD PF: 78.5	1/2 LOAD PF: 70	89.5	SQ CAGE INV RATED	5.6 / 2.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
15 LB-FT	92 / 46	34.5 LB-FT 230	45 LB-FT 300	50

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.5 LB-FT^2	50 LB-FT^2	25 SEC.	2	130 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)

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	1144	CAST IRON
6206	6206					STRESSPROOF	
3200						(C-223)	

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: CONSTANT 20:1 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					

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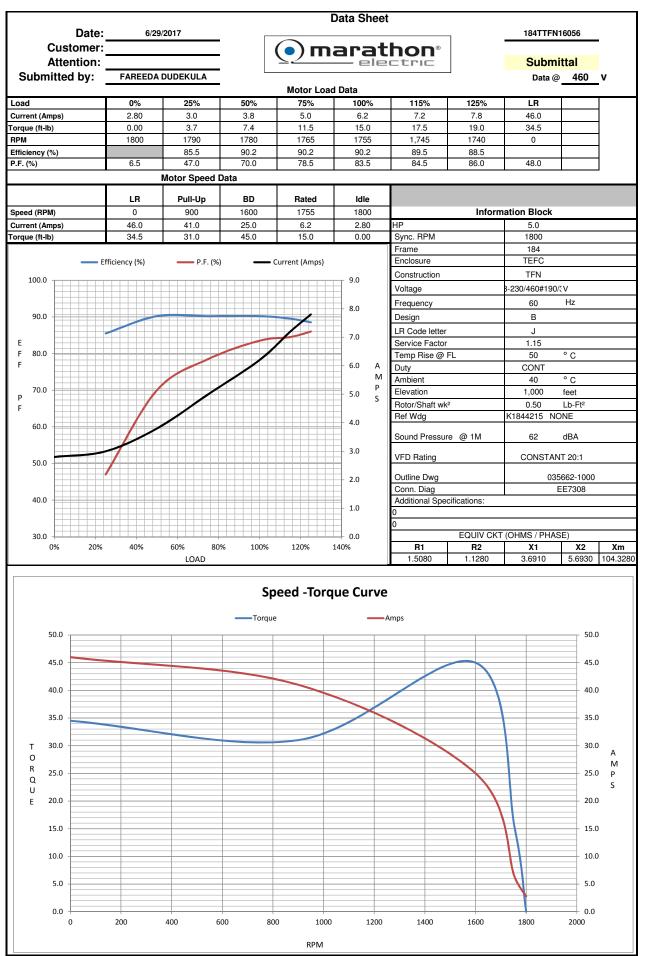
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EC Declaration of Conformity

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 : 184TTFN16056

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

Catalog No : E202-P

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