# PRODUCT INFORMATION PACKET



Model No: 284THFNA9076 Catalog No: W548

XRI®-841 Severe Duty Motor, 15 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 284T Frame, TEFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E





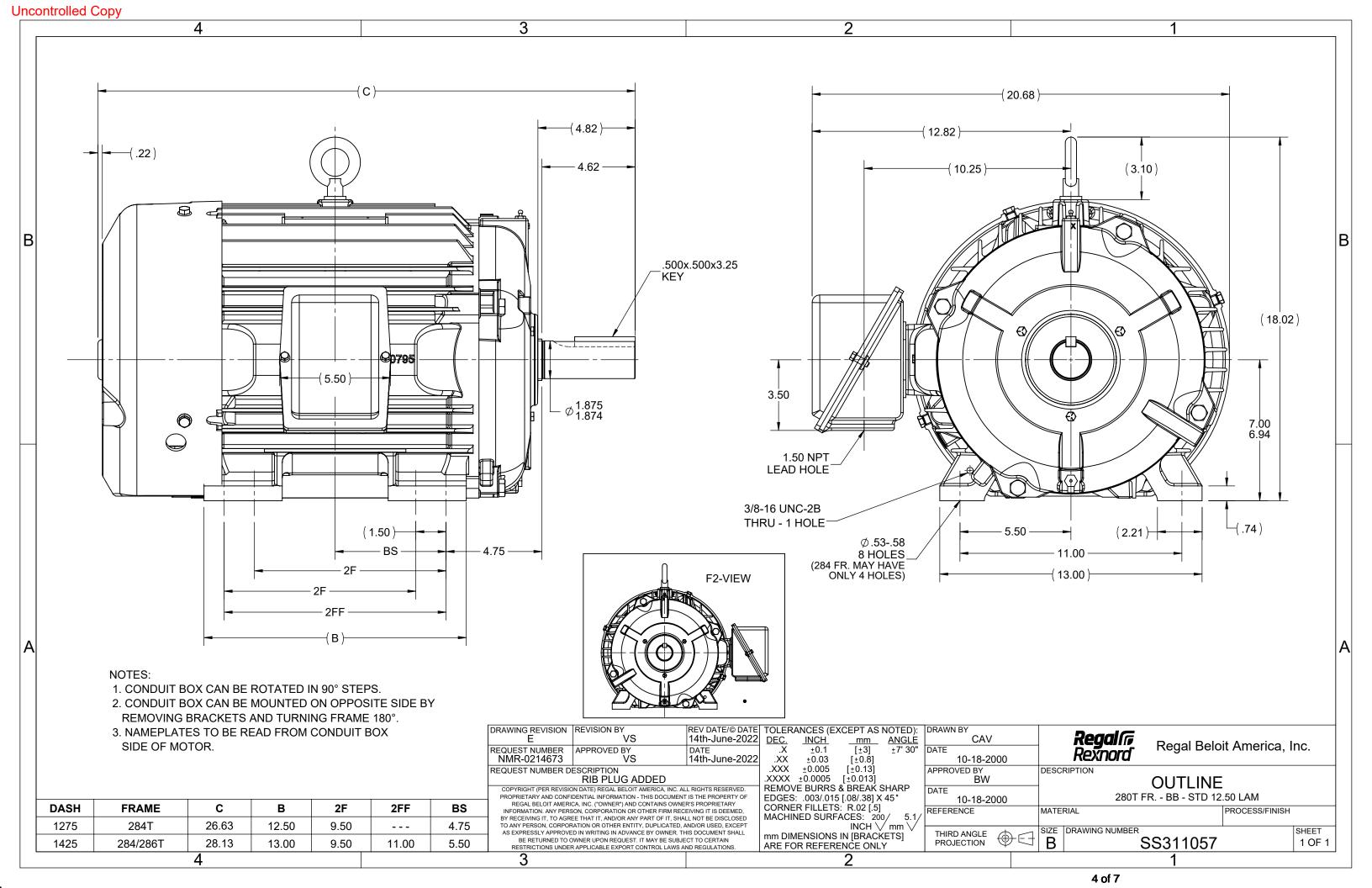
# Nameplate Specifications

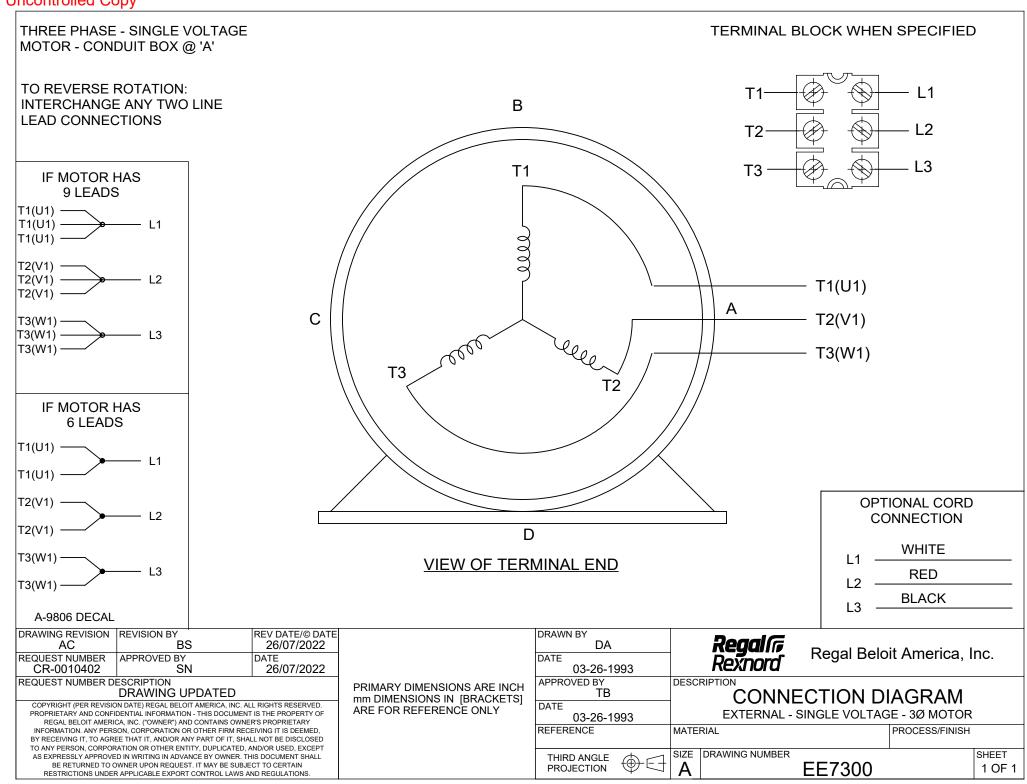
Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	460 V
Current	20.4 A	Speed	1178 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	75
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	284T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Υ
CE	Υ	IP Code	56
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1

# **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.5026 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	26.21 in
Frame Length	12.75 in	Shaft Diameter	1.875 in
Shaft Extension	4.62 in	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1		
Connection Drawing	A-EE7300	Outline Drawing	B-SS311057-1275

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/29/2022







P.O. BOX 8003 WAUSAU, WI 54401-8003 PH. 715-675-3311

CERTIFICATION DATA SHEET CUSTOMER PO#:

MODEL #: 284THFNA9076 AA

**CUSTOMER PART #:** 

**MOUNTING:** F1/F2 CAPABLE

### CUSTOMER: ORDER #:

**CONN. DIAGRAM:** A-EE7300 **OUTLINE:** B-SS311057-1275 **WINDING #:** 284658 7

### TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
15	11.2	1200	1178	284T	TEFC	G	В

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	АМВ°С
3	60	460	20.4	LINE OR INVERTER	CONTINUOUS	F3	1.15	40

FULL LOAD EFF: 91	91.7	3/4 LOAD EFF:	91.7	1/2 LOAD EFF:	91	GTD. EFF	ELEC. TYPE
FULL LOAD PF: 7	75	3/4 LOAD PF:	69	1/2 LOAD PF:	57.5	91	SQ CAGE INV RATED

F.L. TORQUE LOCKED ROTOR AMPS		L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
66.9 <b>LB-FT</b>	116	120 <b>LB-FT</b> 179 %	205 <b>LB-FT</b> 306 %	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
56 <b>dBA</b>	66 <b>dBA</b>	4.1 LB-FT^2	280 <b>LB-FT^2</b>	20 <b>SEC.</b>	2	460 <b>LBS.</b>

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	DIVISION 2 T2B	FALSE	NONE	BLUE (EPOXY)

BEARINGS		GREASE	CHAFT TYPE	CDECTAL DE	SPECIAL ODE	SHAFT	FRAME	
DE	ODE	GREASE	SHAFT TYPE SPECIAL DE		SPECIAL ODE	MATERIAL	MATERIAL	
BALL	BALL	DOLVDEY EM	H	NONE	NONE	1045 HOT BOLLED (C 204)	CACT IDON	
6311	6210	POLYREX EM	1	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON	

	THERMO-PROTECTORS			THERMISTORS	CONTROL	CDACE HEATEDS	
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	IHERMISTORS	CONTROL	SPACE HEATERS	
NONE	NOT	NONE	NONE	NONE	FALSE	NONE <b>VOLTS</b>	

N

o

U

Ε

S

\*

PREPARED BY: Dinesh
Suddula DATE:
02/14/2019 04:13:10 AM
FORM 3531 REV.3 02/07/99
\*\* Subject to change without notice.

INVERTER TORQUE: CONSTANT 10:1
INV. HP SPEED RANGE: NONE

**ENCODER:** NONE NONE

NONE NONE PPR

BRAKE: NONE NONE NONE P/N NONE

NONE NONE

NONE FT-LB NONE V NONE Hz

