# PRODUCT INFORMATION PACKET



Model No: 286TTFNA6076
Catalog No: E238
20 HP General Purpose Motor, 3 phase, 1200 RPM, 230/460 V, 286T Frame, TEFC
General Purpose Motors



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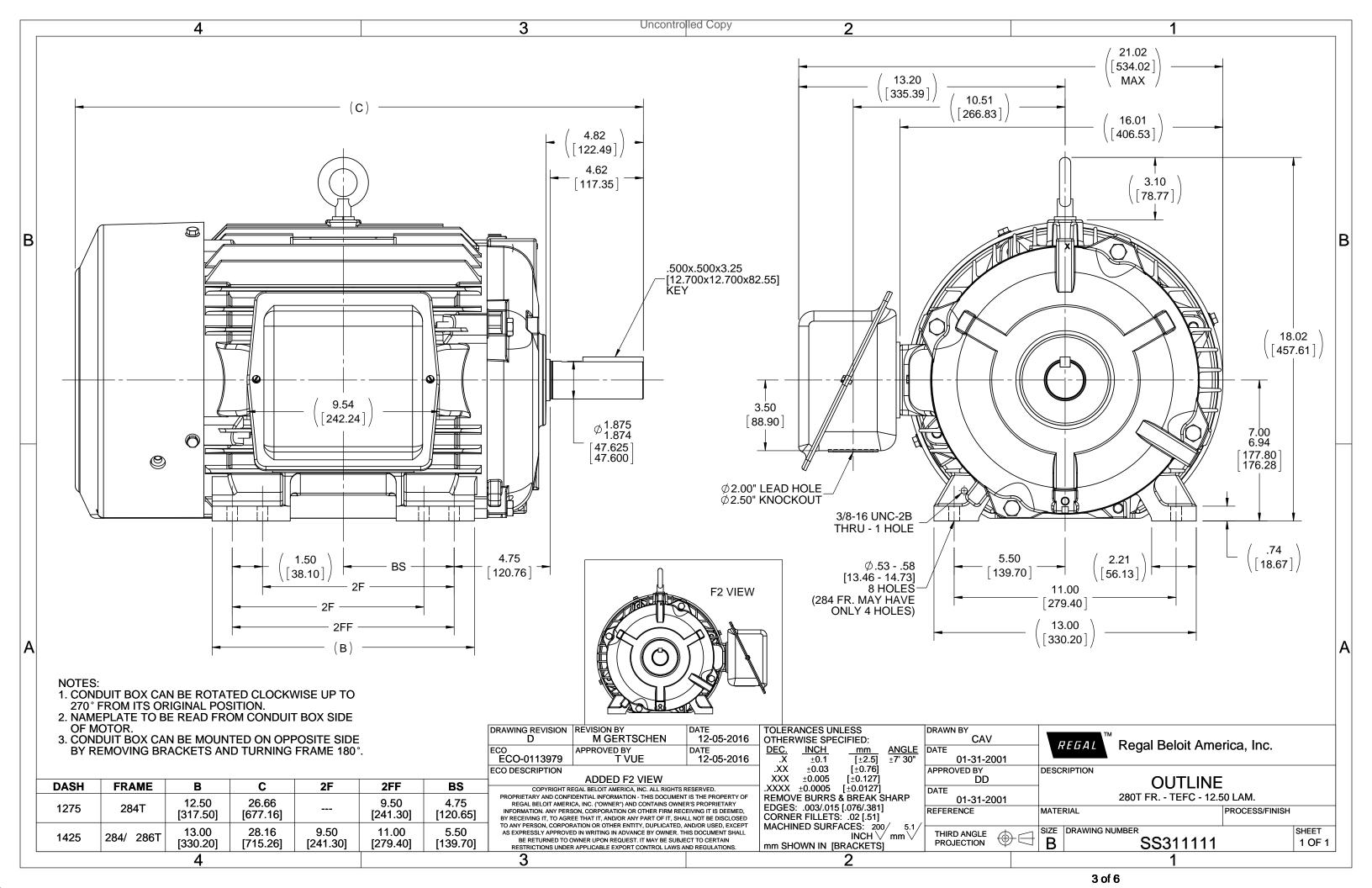
### Nameplate Specifications

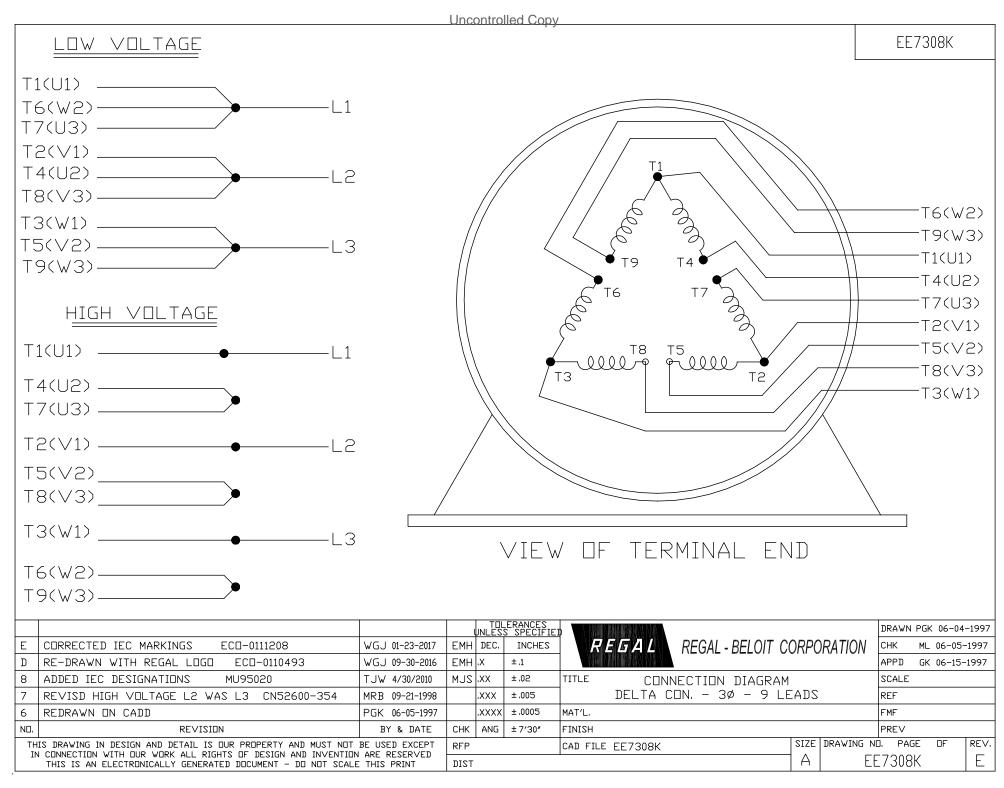
20 Hp	Output KW	14.9 kW
60 Hz	Voltage	230/460 V
53.5/26.8 A	Speed	1175 rpm
1.15	Phase	3
91.7 %	Power Factor	76
Continuous	Insulation Class	F
В	KVA Code	G
286T	Enclosure	Totally Enclosed Fan Cooled
No	Ambient Temperature	40 °C
6311	Opp Drive End Bearing Size	6210
Recognized	CSA	Υ
Υ	IP Code	43
1		
	60 Hz 53.5/26.8 A 1.15 91.7 % Continuous B 286T No 6311 Recognized	60 Hz         Voltage           53.5/26.8 A         Speed           1.15         Phase           91.7 %         Power Factor           Continuous         Insulation Class           B         KVA Code           286T         Enclosure           No         Ambient Temperature           6311         Opp Drive End Bearing Size           Recognized         CSA

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.385 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	28.16 in
Frame Length	14.25 in	Shaft Diameter	1.875 in
Shaft Extension	4.82 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS311111-1425	Connection Drawing	A-EE7308K

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#### **CERTIFICATION DATA SHEET**

286TTFNA6076 BA WINDING#: 286654 NONE 6 Model#: CONN. DIAGRAM: ASSEMBLY: A-EE7308K F1/F2 CAPABLE

OUTLINE: B-SS311111-1425

#### **TYPICAL MOTOR PERFORMANCE DATA**

НР	KW	s	NC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KVA CODE	DESIGN
20	14.9	)	1200	1175	286T	TEF	c	G	В
PH	Hz	VOLTS	FL AMPS	S START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	53.5/26.8	ACROSS THE	CONTINUOU	F3	1.15	40	3300

FULL LOAD EFF: 91.7	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 91.7	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 76	3/4 LOAD PF: 70.5	1/2 LOAD PF: 59.5	91	SQ CAGE IND RUN	25 / 12.5

LINE

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
89 LB-FT	290 / 145	157 LB-FT 176	238 LB-FT 267	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
56 dBA	66 dBA	4.8 LB-FT^2	350 LB-FT^2	20 SEC.	2	550 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	BEARINGS		SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1045 HOT	CAST IRON
6311	6210					ROLLED (C-204)	

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

NONE BRAKE: NONE NONE P/N NONE NONE NONE

- FT-LB NONE V NONE Hz

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