# PRODUCT INFORMATION PACKET



Model No: 284TTDCA6008
Catalog No: GT0530
30 HP, Close-Coupled Pump Motors, 3 phase, 3600 RPM, 575 V, 284JM Frame, DP
Close-Coupled Pump Motors









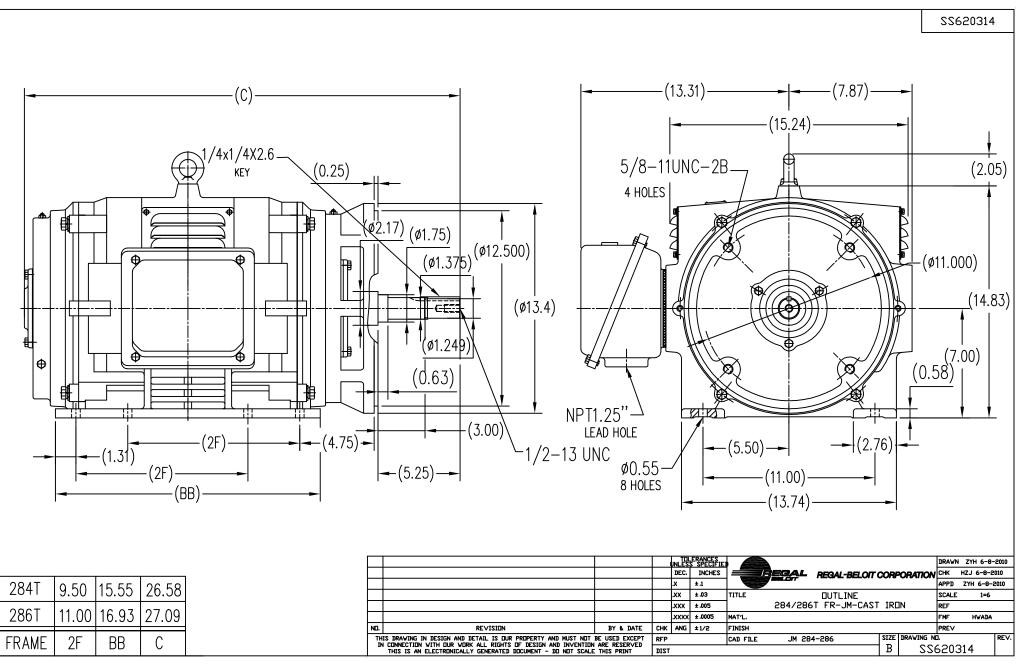
### Nameplate Specifications

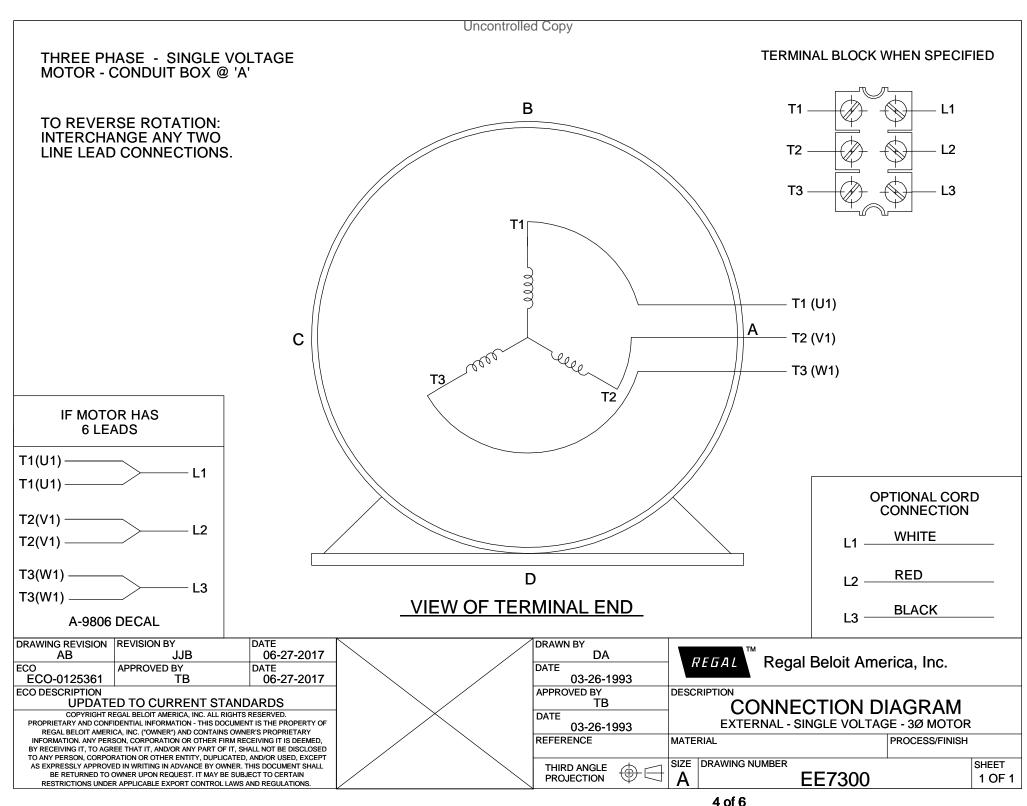
Output HP	30 Hp	Output KW	22.4 kW	
Frequency	60 Hz	Voltage	575 V	
Current	27.2 A	Speed	3550 rpm	
Service Factor	1.15	Phase	3	
Efficiency	91.7 %	Power Factor	88.5	
Duty	Continuous	Insulation Class	F	
Design Code	В	KVA Code	G	
Frame	284JM	Enclosure	Drip Proof	
Thermal Protection	No	Ambient Temperature	40 °C	
Drive End Bearing Size	6211	Opp Drive End Bearing Size	6211	
UL	Recognized	CSA	Υ	
CE	Υ	IP Code	12	
Number of Speeds	1			

## **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.256 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Overall Length	26.58 in
Frame Length	12.6 in	Shaft Diameter	1.250 in
Shaft Extension	5.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS620314-284T	Connection Drawing	A-EE7300

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#### **CERTIFICATION DATA SHEET**

284TTDCA6008 AA WINDING#: CHT28420002 NONE 3 Model#: CONN. DIAGRAM: A-EE7300

ASSEMBLY:

F1/F2 CAPABLE

OUTLINE: B-SS620314

#### TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYN	IC. RPM	F.L. RPM	FRAME	EN	LOSURE	KV	A CODE	DESIGN
30	22.4	<u> </u>	3600	3555	284JM		DP		G	В
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL		S.F	AMB°C	ELEVATION

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	27.2	LINE OR	CONTINUOU	F7	1.15	40	3300
				INVERTER	S				

FULL LOAD EFF: 91.7	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 91	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 88.5	3/4 LOAD PF: 86	1/2 LOAD PF: 80	91	SQ CAGE INV RATED	7.7

F.L. TORQUE	F.L. TORQUE LOCKED ROTOR AMPS		B.D. TORQUE	F.L. RISE°C	
44.5 LB-FT	173.6	89 LB-FT 200	125 LB-FT 285	25	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
78 dBA	88 dBA	2.8 LB-FT^2	35 LB-FT^2	15 SEC.	2	375 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	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	JM	NONE	NONE	1045 HOT	CAST IRON
6211	6211					ROLLED (C-204)	

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
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: 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

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