PRODUCT INFORMATION PACKET



Model No: 256TTFCA6033 Catalog No: GT3225

20 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 575 V, 256JM Frame, TEFC

Close-Coupled Pump Motors



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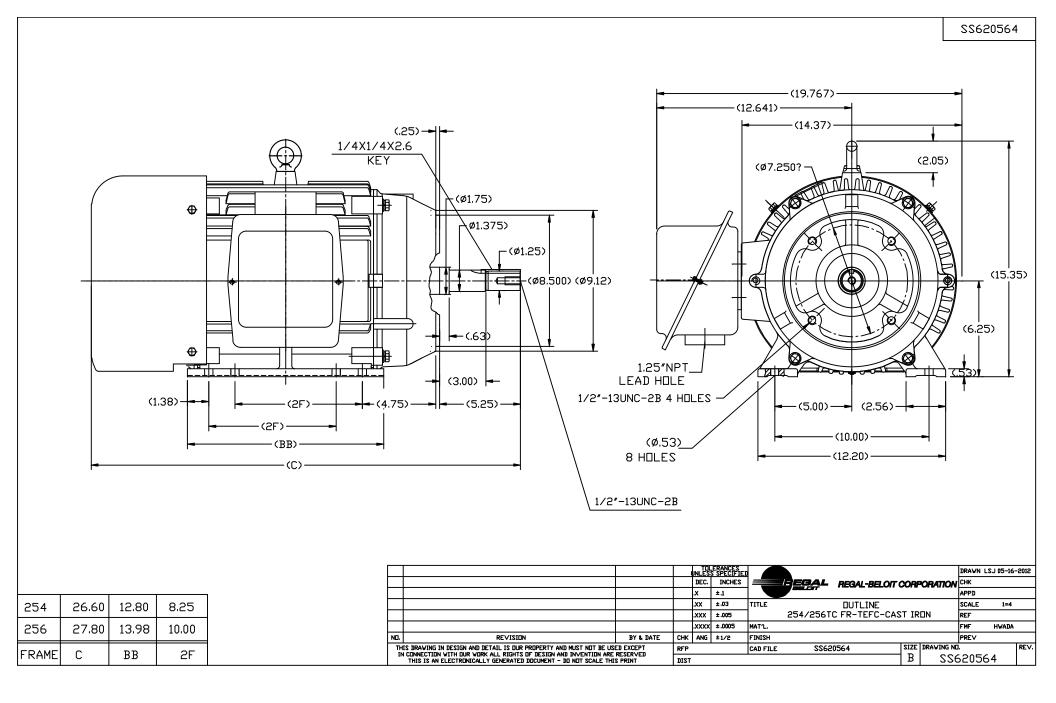
Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	575 V
Current	19.4 A	Speed	1773 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	256JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Recognized	CSA	Υ
CE	Υ	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	.353 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	27.80 in
Frame Length	11.73 in	Shaft Diameter	1.250 in
Shaft Extension	5.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS620564-256	Connection Drawing	EE-7300

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CERTIFICATION DATA SHEET

256TTFCA6033 AA WINDING#: CHT25640005 NONE 2 Model#:

CONN. DIAGRAM: EE-7300 ASSEMBLY: F1/F2 CAPABLE

OUTLINE: SS620564

TYPICAL MOTOR PERFORMANCE DATA

HP	K	N	SYN	IC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KV	CODE	DESIGN	
20	14	.9		1800	1773	256JM	TEF	С		G	В	
PH	Hz	vo	LTS	FL AMPS	S START TYPE	DUTY	INSL	S.	.F	AMB°C	ELEVATION	NC

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	19.4	LINE OR	CONTINUOU	F7	1.15	40	3300
				INVERTER	S				

FULL LOAD EFF: 93	3/4 LOAD EFF: 93	1/2 LOAD EFF: 91.7	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83.5	3/4 LOAD PF: 79	1/2 LOAD PF: 69	92.4	SQ CAGE INV RATED	7.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
59.5 LB-FT	112	104 LB-FT 175	156 LB-FT 262	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
65 dBA	75 dBA	4 LB-FT^2	125 LB-FT^2	20 SEC.	2	455 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)

BEAF	BEARINGS		SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	JM	NONE	NONE	1045 HOT	CAST IRON
6309	6209					ROLLED (C-204)	

	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: 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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