PRODUCT INFORMATION PACKET



Model No: 254TTFCA6092
Catalog No: GT3217
7.50 HP Close-Coupled Pump Motor, 3 phase, 1200 RPM, 575 V, 254JMV Frame, TEFC Close-Coupled Pump Motors



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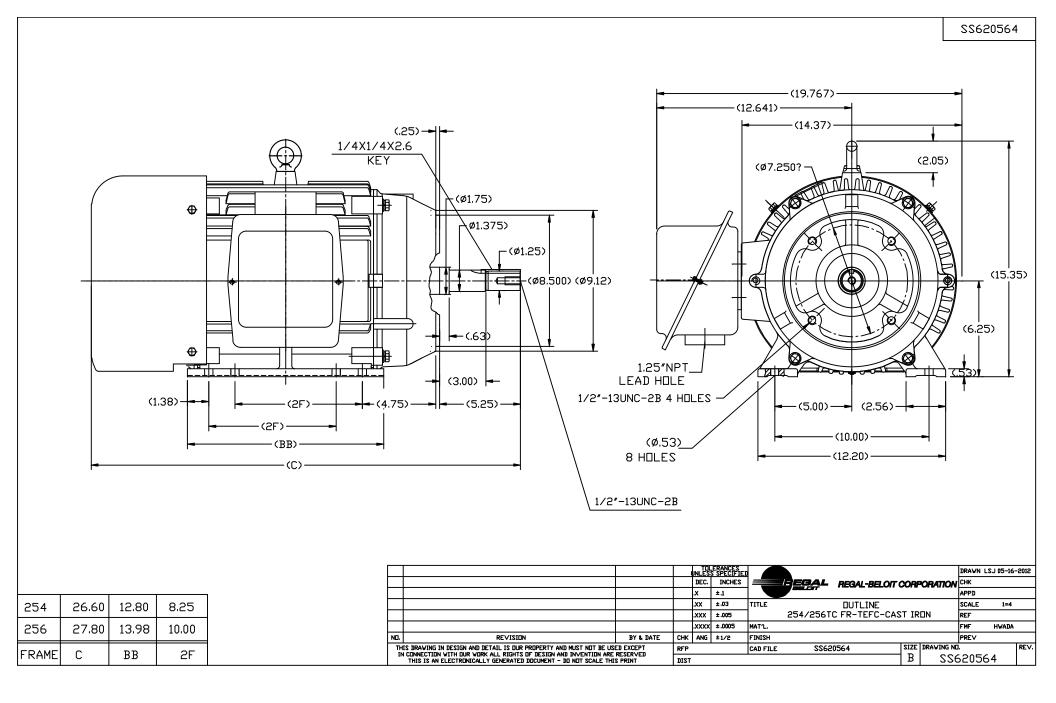
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	575 V
Current	8.4 A	Speed	1182 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Power Factor	74
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	254JMV	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	6	Rotation	Reversible
Resistance Main	1.32 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Overall Length	26.60 in
Shaft Diameter	1.250 in	Shaft Extension	5.25 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	EE7300	Outline Drawing	SS620564-254

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CERTIFICATION DATA SHEET

254TTFCA6092 AA WINDING#: CHT25460001 NONE 3 Model#: F1/F2 CAPABLE

CONN. DIAGRAM: EE7300 ASSEMBLY:

OUTLINE: SS620564

TYPICAL MOTOR PERFORMANCE DATA

HP			INC. RPM	F.L. RPM	FRAME	ENCLOS	OKE KV	A CODE	DESIGN
7 1/2	5.6		1200	1182	254JMV	TEF		G	В
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	8.4	LINE OR	CONTINUOU	F7	1.15	40	3300

FULL LOAD EFF: 91	3/4 LOAD EFF: 91	1/2 LOAD EFF: 89.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FIII I OAD PE: 74	3/4 L OAD PE: 67	1/2 I OAD PE: 55	90.2	SO CAGE INV RATED	15

INVERTER

F.L. TORQUE	F.L. TORQUE LOCKED ROTOR AMPS		B.D. TORQUE	F.L. RISE°C	
33.4 LB-FT	44	51 LB-FT 153	100 LB-FT 305	40	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
56 dBA	66 dBA	2.5 LB-FT^2	150 LB-FT^2	20 SEC.	2	325 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL OR SHAFT	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)
			DOWN					

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
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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