PRODUCT INFORMATION PACKET

Model No: 213TTFW16085 Catalog No: M877B 3 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1200 RPM, 230/460 V, 213HPV Frame, TEFC Vertical Pump Motors



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Motors



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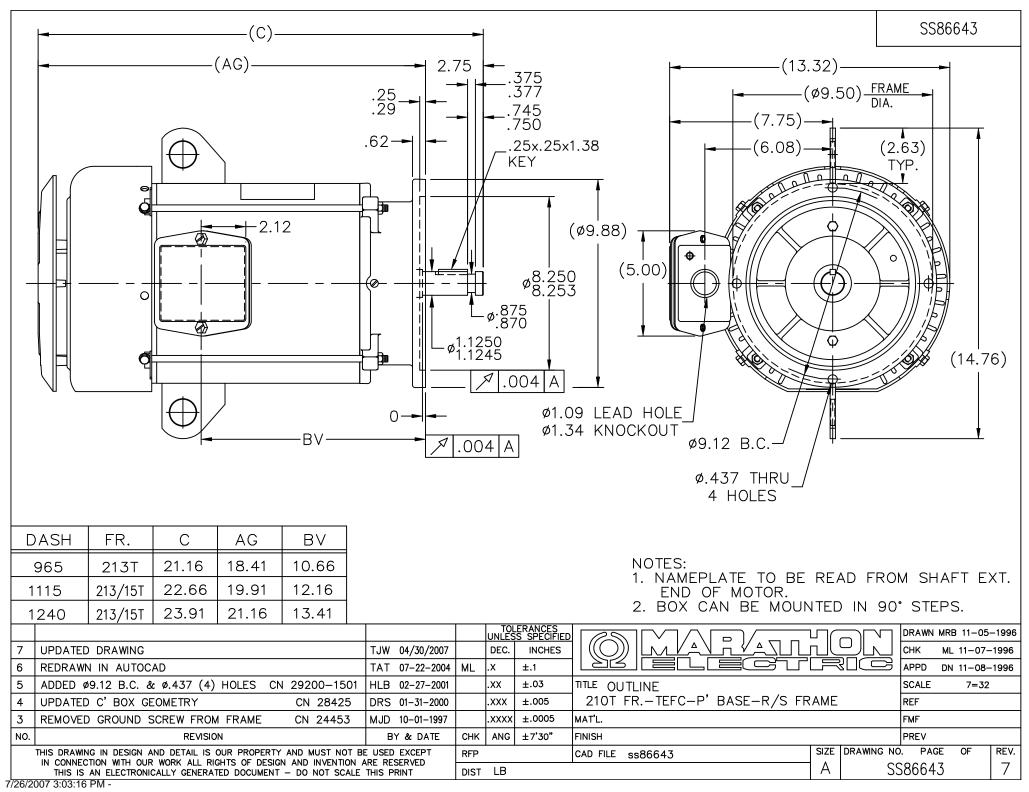
Nameplate Specifications

Output HP	3 Нр	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.8/4.4 A	Speed	1175 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	71.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	К
Frame	213HPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	2.7431 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	HP	Overall Length	22.66 in
Frame Length	11.15 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	005010.01	Outline Drawing	A-SS86643-1115

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CERTIFICATION DATA SHEET

Model#:	213TTFW16085 AA	WINDING#:	K213699 FW 2
CONN. DIAGRAM:	005010.01	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	A-SS86643-1115		

TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC. R	PM	F.L	RPM	FRAM	IE	ENC	CLOSUF	E	KVA C	ODE		DESIGN
3		2.24		1200		1	175	213HPV TEFC		TEFC	с к]	В	
РН	H	z	VOLT	S F	L AMPS	ST	ART TYPE	DUTY		INSL		S.F		AMB°C	:	ELEVATION
3	60	0	230/46	60	8.8/4.4	ACF	ROSS THE LINE	CONTINU S	วบ	F4	1.15			40		3300
FULL LOAD E	FULL LOAD EFF: 89.5 3/4 LOAD EFF: 8		FF: 88.7	38.7 1/2 LOAD EFF: 86.7		GTD. EFF		E	ELEC. TYPE		N	NO LOAD AMPS				
FULL LOAD F	PF: 71.5	3/4	LOAD P	PF: 64.1	1/2 LC	DAD F	PF: 52.4	8	87.5		SQ C	CAGE IND RUN		5.	2 / 2.6	
F.L. TO	RQUE		LOCKE	ED ROTO	RAMPS]	L.R. TC	ORQUE B.D. TOR		DRQUE		F	F.L. RISE°C			
13.43 l	LB-FT			64 / 32			31 LB-I	FT 231		47	7 LB-FT	351		45		
SOUND PRESS @ 3 FT.	SURE	SOUND	POWER	R	TOR WK ⁴	2	MAX.	WK^2	SAF	E STALL	TIME	-	TARTS HOUR		APPF	ROX. MOTOR WGT
55 dBA		65	dBA	0.	8 LB-FT^2		90 LB-	FT^2		25 SEC.	SEC. 2				160 LBS.	

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
P-BASE	STANDARD	ROUND	SHAFT DOWN	FALSE	NONE	TRUE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	HP	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6309	6206]]		

	THERMO-PF	OTECTORS	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 in

h	fo	rr	na	ati	0	n	

INVERTER TORQUE: NONE					
INV. HP SPEED	RANGE: NONE				
ENCODER: NO	NE				
NONE NONE					
NONE NONE F	PPR				
BRAKE: NONE	NONE				
NONE P/N	NONE				
NONE NO	NE				
NONE FT-LB	NONE V	NONE Hz			

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