

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 215TTFCD6527

Catalog No: E479B

10 HP, Severe Duty Motors, 3 phase, 1800 RPM, 230/460 V, 215T Frame, TEFC
Severe Duty Motors



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DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: EE7308
 OUTLINE: SS810116-215T
 WINDING: HE31324013 NONE 2

MODEL #: 215TTFC6527
 CAT #: E479B

MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
10	7.5	1800	1762	215T	TEFC	TFC	H	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB (° C)	ELEV.(Ft)
3	60	230/460	25/12.5	LINE OR INVERTER	CONT	H	1.15	40	3300

F.L. EFF	92.1	3/4 LD EFF	91.6	1/2 LD EFF	90.8	GTD EFF	ELECT. TYPE
F.L. PF	81.3	3/4 LD PF	76.6	1/2 LD PF	66.0	91.0	SQ CAGE INV RATED

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
29.8 LB-FT	79.0	59.0 LB-FT 198%	74.0 LB-FT 248%	70

SOUND PRESSURE @	71 dBA	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APROX. MOTOR
62 dBA	71 dBA	1.10 LB-FT ²	85 LB-FT ²	25 SEC.	2	228 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	DIVISION 2 T2B	NO	NONE	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE BALL	ODE BALL	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	CAST IRON
6308	6208						

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)
0.741	0.466	2.147	2.579	46.775	0.080

If Inverter equals NONE, contact factory for further information

* N O T E S *	INVERTER TORQUE: CONSTANT 20:1/VARIABLE 10:1 INV. HP SPEED RANGE: NONE				
	ENCODER: NONE				
	NONE				
	NONE PPR				

PREPARED BY: ANUSHA M DATE: 3/10/2020	BRAKE: NONE NONE FT-LB: NA VOLTAGE: NONE	NONE	HZ:
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FORM: 3531 REV_4 2/27/06

** Subject to change without notice.