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Washdown Motors

Model No: 215TTWWD16006
Catalog No: 141357.00M

Washdown Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 215TC Frame, TEFC

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Product Information Packet: Model No: 215TTWWD16006, Catalog No: 141357.00M Washdown Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 215TC Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**15 & 10 Hp**
Output KW	**11.2 & 7.5 kW**	Voltage	**230/460 & 190/380 V**
Speed	**3495 & 2930 r/min**	Synchronous RPM	**3600 & 3000 r/min**
Service Factor	**1.15 & 1.15**	Frame	**215TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91 & 91 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**35/17.6 & 29/14.5 A**
Power Factor	**89**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**

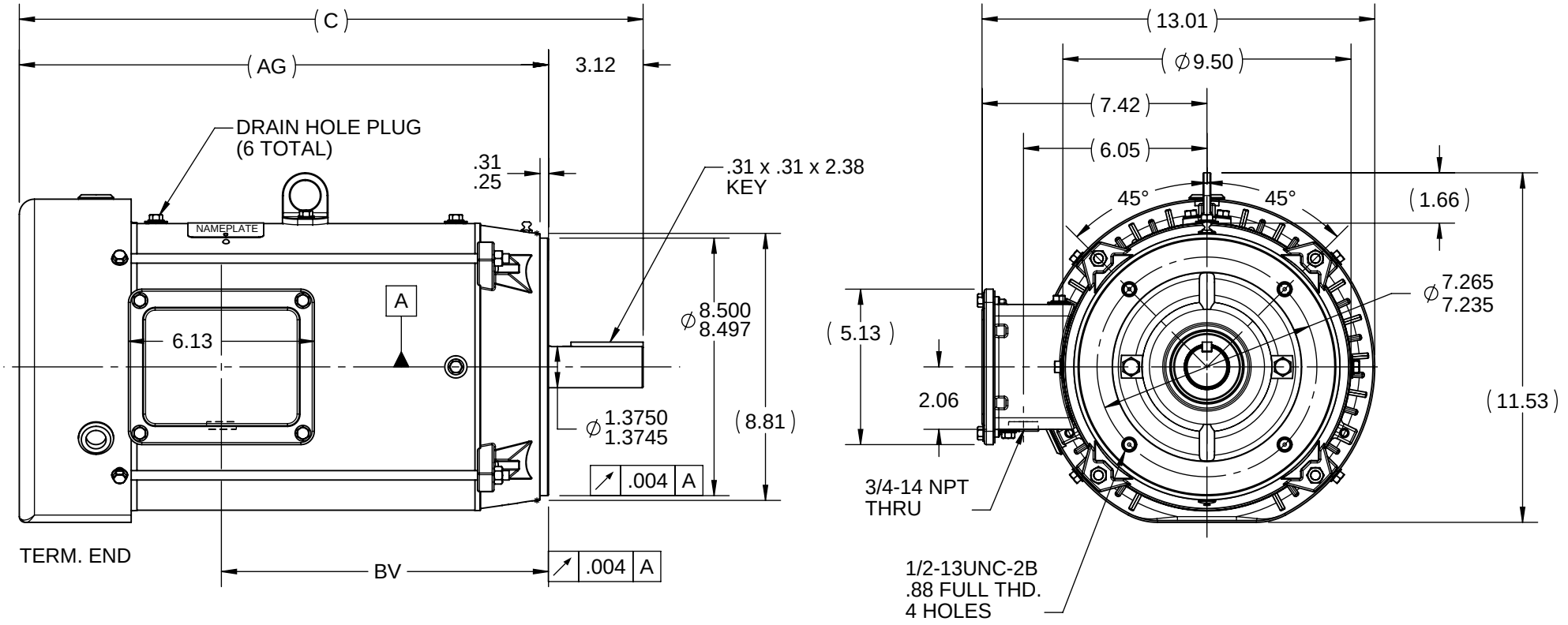
Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.7386 O**	Mounting	**Round**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Overall Length	**20.96 in**
Frame Length	**11.15 in**	Shaft Diameter	**1 3/8 in**
Shaft Extension	**3.42 in**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Variable 10:1**		

Drawings

Connection Drawing	**A-EE7308**	Outline Drawing	**A-SS88922-1115**

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DASH	FRAME	C	AG	BV	MOUNTING
965	213T	19.08	15.96	9.26	
1115	213/15T	20.58	17.46	10.76	
1240	213/15T	21.83	18.71	12.01	F1 ONLY

NOTES:
1- NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2- C'BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180° (EXCEPT AS NOTED).
3- DASH 965 TO BE READ FROM OPPOSITE SHAFT END.

DRAWING REVISION	REVISION BY	REV DATE/© DATE
D	SB	05/18/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026308	RMS	05/18/2026

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200 INCH / 5.1 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	
SR	
DATE	
05/04/2011	
APPROVED BY	
AK	
DATE	
05/04/2011	
REFERENCE	
SS88922LE	
THIRD ANGLE PROJECTION	

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DESCRIPTION
OUTLINE
210 FR. - BB - TS - TEFC - R/S - C'FACE

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	SS88922	1 OF 1

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Data Sheet

Date: 12/5/2018
Customer:
Attention:
Submitted by: FAREEDA DUDEKULA

marathon® electric

215TTWWD16006

Submittal

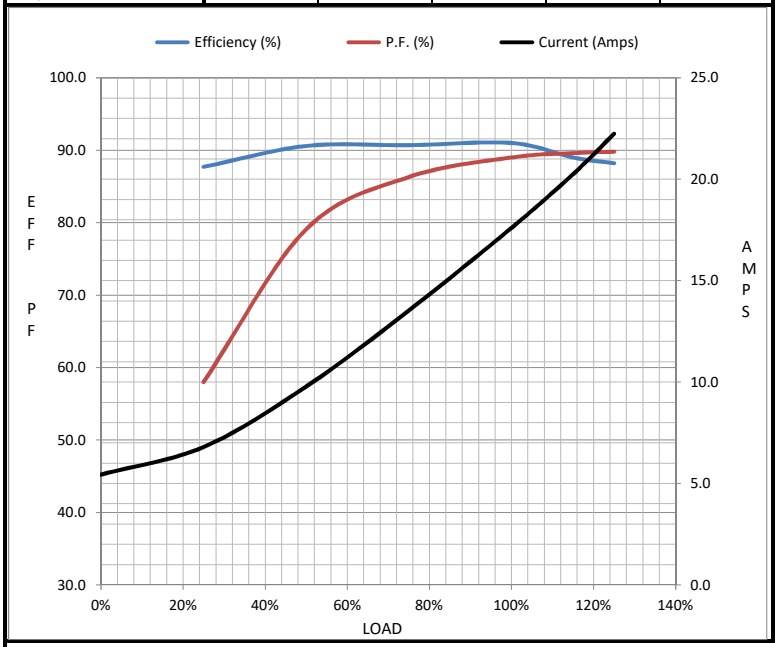
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	5.4	6.8	9.8	13.5	17.6	20.3	22.2	109	
Torque (ft-lb)	0.00	5.5	11.1	16.9	22.5	26.1	28.6	42.8	
RPM	3600	3576	3552	3524	3495	3,475	3461	0	
Efficiency (%)		87.7	90.6	90.7	91.0	89.0	88.2		
P.F. (%)	18.2	58.0	79.1	86.3	89.0	89.6	89.8	45.6	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	632	3120	3495	3600
Current (Amps)	109	111	70.5	17.6	5.4
Torque (ft-lb)	42.8	42.7	61.8	22.5	0.00



Information Block

HP	15.0	
Sync. RPM	3600	
Frame	215	
Enclosure	TEFC	
Construction	TFR	
Voltage	230/460#190/380	V
Frequency	60	Hz
Design	A	
LR Code letter	G	
Service Factor	1.15	
Temp Rise @ FL	80	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.75	Lb-Ft²
Ref Wdg	K2132128 NONE	
Sound Pressure @ 1M	72	dBA
VFD Rating	VARIABLE 10:1	
Outline Dwg	SS86634-1115	
Conn. Diag	005010.01	
Additional Specifications:		
0		
0		

EQUIV CKT (OHMS / PHASE)

R1	R2	X1	X2	Xm
0.3970	0.2950	1.3340	1.2490	45.1710

Speed -Torque Curve

