marathon®

Washdown Motors

Model No: 215TTWWD16007
Catalog No: 141358.00M

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

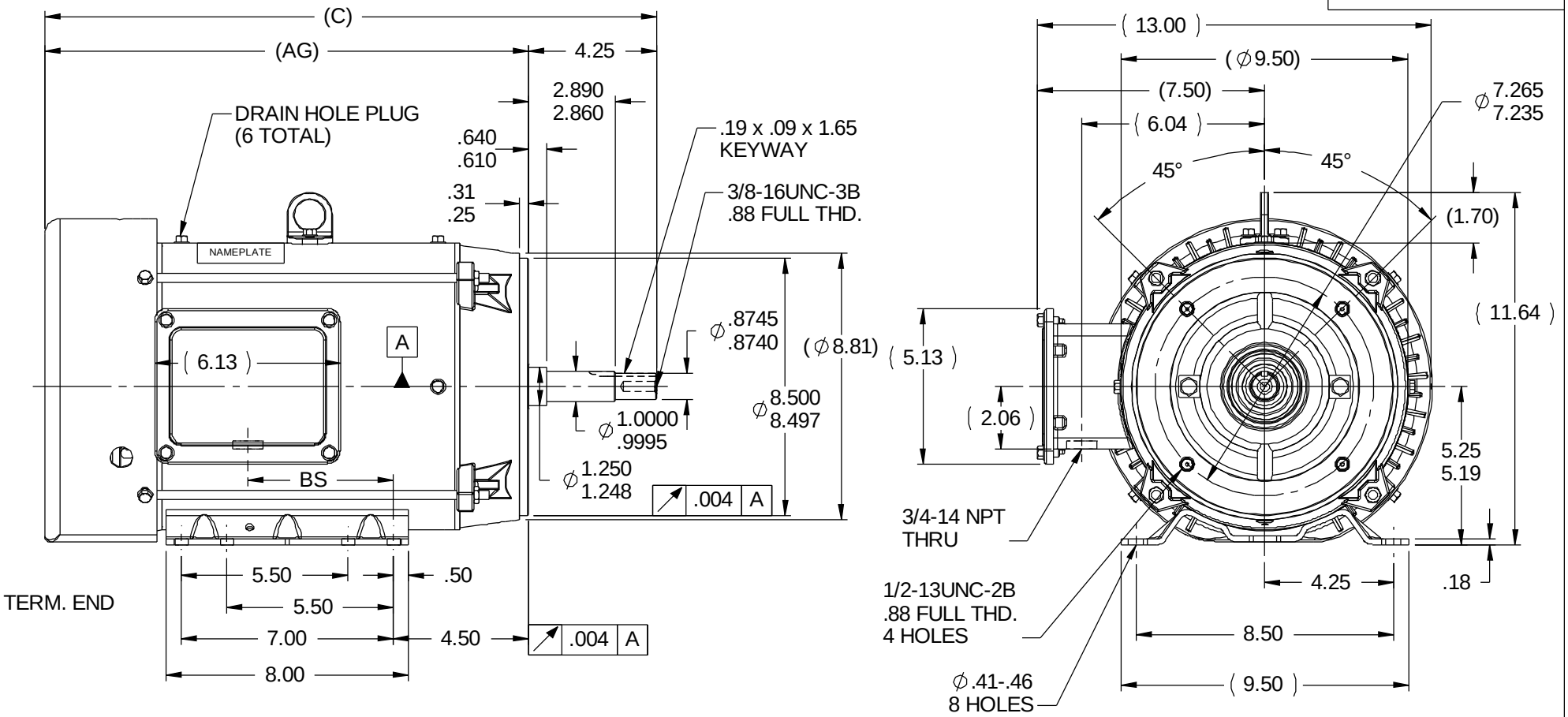
©2026 Marathon, All Rights Reserved.

marathon®

Product Information Packet: Model No: 215TTWWD16007, Catalog No: 141358.00M Washdown Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 215JM 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 & 1.00**	Frame	**215JM**
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	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**JM**	Overall Length	**21.71 in**
Frame Length	**11.15 in**	Shaft Diameter	**7/8 in**
Shaft Extension	**4.25 in**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Variable 10:1**		
Drawings			
Connection Drawing	**A-EE7308**	Outline Drawing	**SS88927-1115**

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 16/10/2026



DASH	FRAME	C	BS	AG
965	213JM	20.21	4.81	15.96
1115	213/15JM	21.71	6.31	17.46
1240	215JM	22.96	7.56	18.71

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

NO	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

marathon® electric

TITLE OUTLINE - WASHDOWN
210FR. -TEFC - C'FACE - 3 PHASE

MAT'L
FINISH
RFP
CAD FILE
DIST SS88927

DRAWN	UD 08/21/13
CHK	SR 08/21/13
APPR	
SCALE	1:4
REF	
FMF	
PREV	

SIZE A | DRAWING NO SS88927 | REV

THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED.
THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT

Uncontrolled Copy

Data Sheet

Date: 12/10/2018
Customer:
Attention:
Submitted by: FAREEDA DUDEKULA

marathon® electric

215TTWWD16007

Submittal

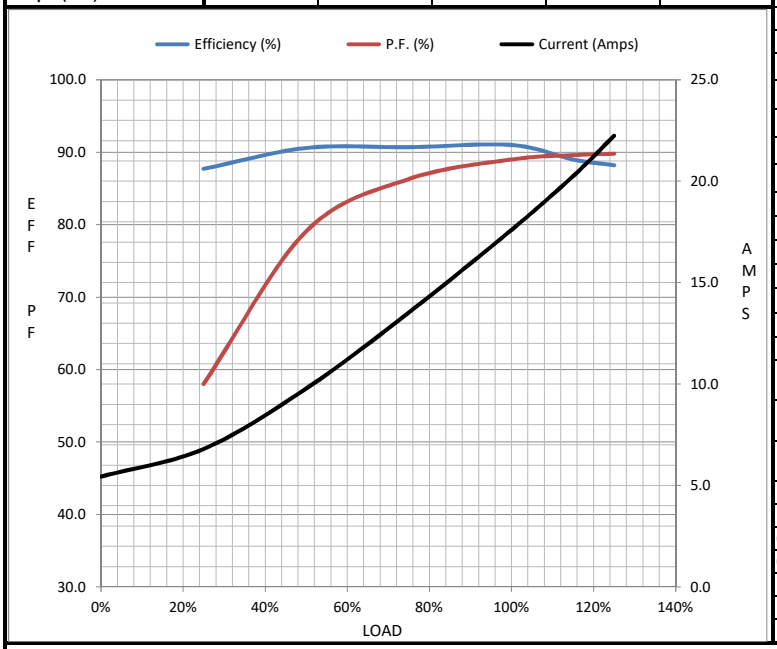
Data @ 460 V

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	SS88927-1115	
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

