marathon®

Washdown Motors

Model No: 215TTWWD16026
Catalog No: 141272.00M

Washdown Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 215JM Frame, TEFC

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Product Information Packet: Model No: 215TTWWD16026, Catalog No: 141272.00M Washdown Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 215JM Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**10 & 7.50 Hp**
Output KW	**7.5 & 5.6 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1760 & 1475 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.15**	Frame	**215JM**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91.7 & 89.5 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**26.4/13.2 & 27.4/13.7 A**
Power Factor	**77.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**

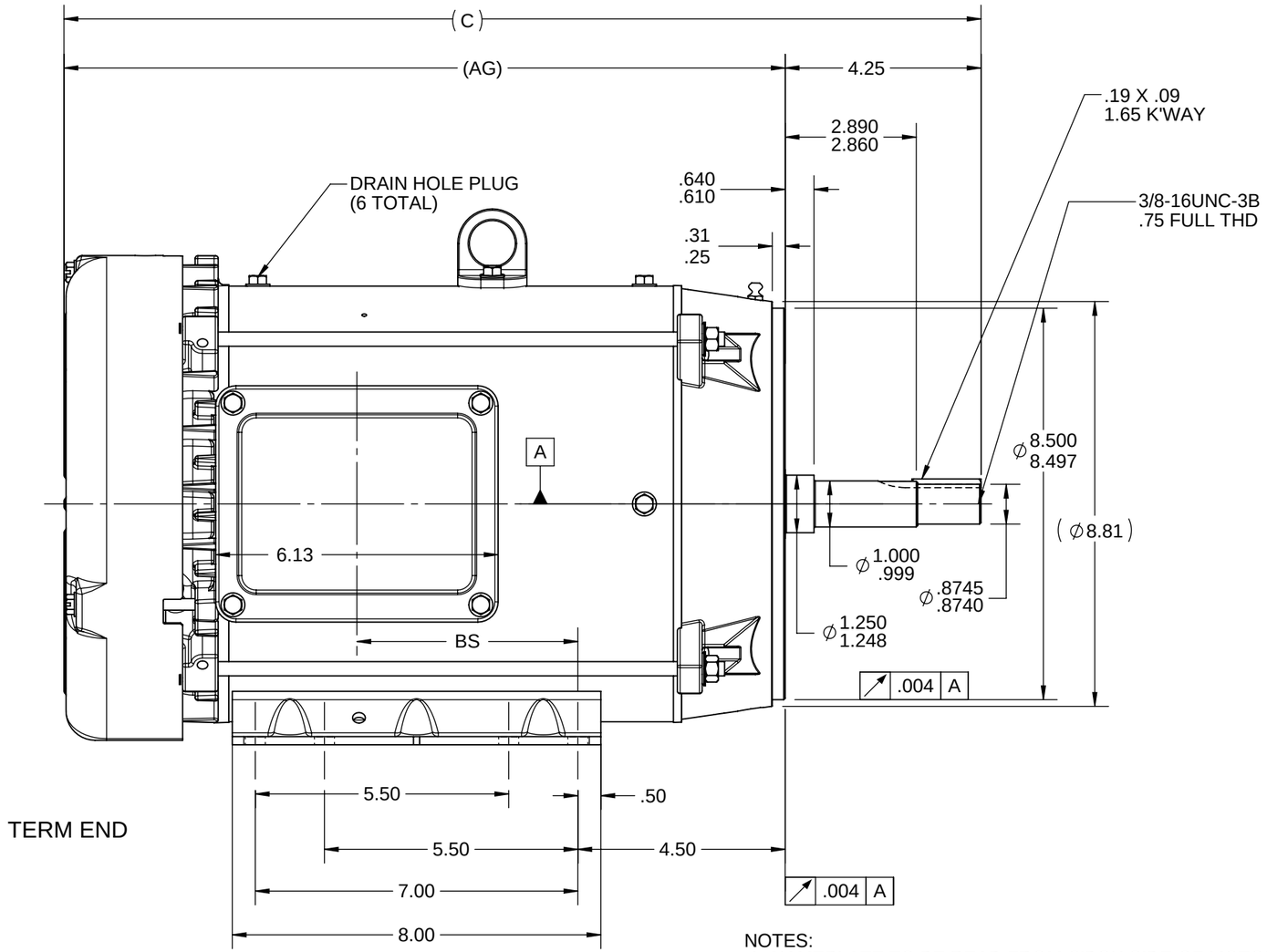
Technical Specifications

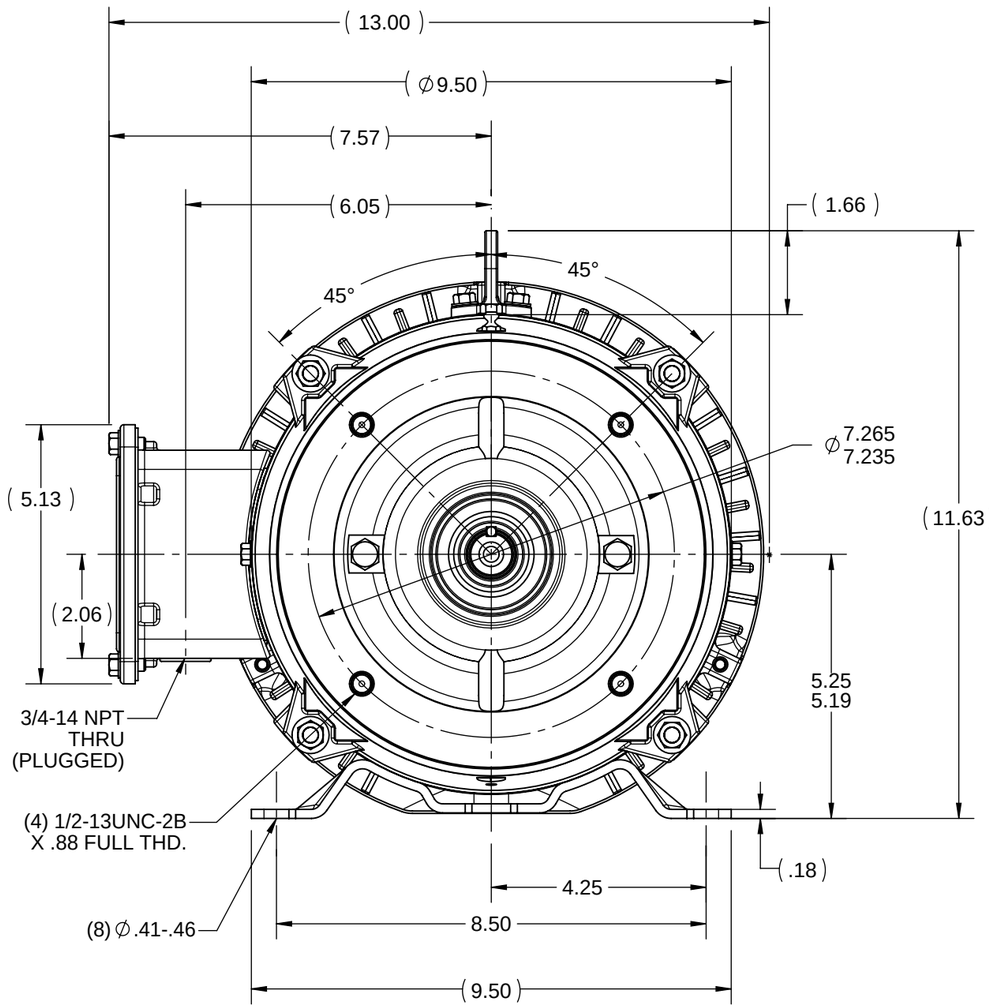
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**.9 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**JM**	Overall Length	**22.9 in**
Frame Length	**11.15 in**	Shaft Diameter	**7/8 in**
Shaft Extension	**4.21 in**	Assembly/Box Mounting	**F1 Only**
Inverter Load	**Constant 10:1**		

Drawings

Connection Drawing	**005010.01ME**	Outline Drawing	**038046-1115**

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

DASH	FRAME	C	BS	AG	MOUNTING
965	213JM	21.40	4.82	15.65	
1115	213/15JM	22.90	6.32	17.15	
1240	215JM	24.15	7.57	18.40	F1 ONLY

DRAWING REVISION	REVISION BY	REV DATE/© DATE
C	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]	±0.5°
.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: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	DESCRIPTION
SYED	OUTLINE
DATE	WASHDOWN 210FR-TEFC-C-FACE-3PH
10/14/15	
APPROVED BY	
SR	
DATE	
10/14/15	
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B / DRAWING NUMBER 038046 / SHEET 1 OF 1

ORACLE REV
001

Data Sheet

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

marathon® electric

215TTWWD16026

Submittal

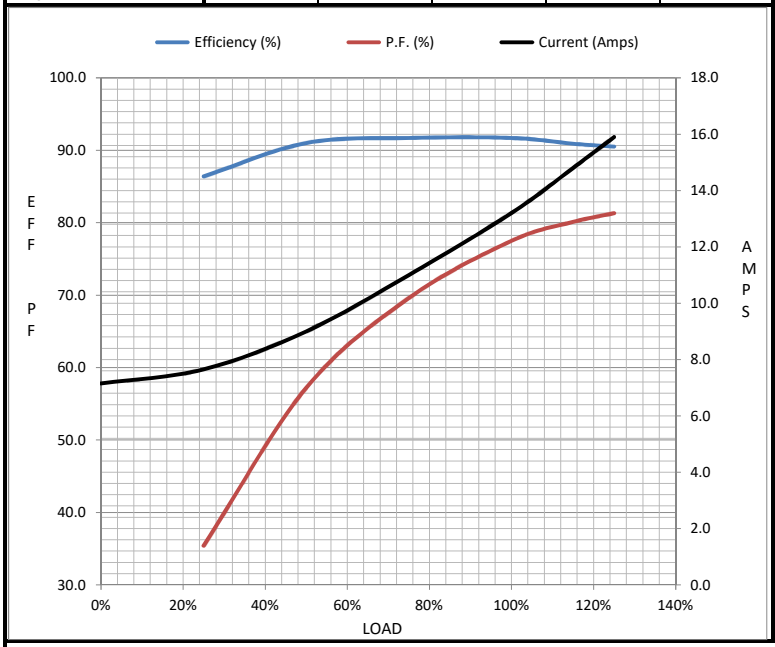
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	7.2	7.7	9.0	11.0	13.2	14.8	15.9	81.0	
Torque (ft-lb)	0.00	7.3	14.8	22.3	29.9	34.5	37.6	76.0	
RPM	1800	1790	1780	1770	1760	1,754	1747	0	
Efficiency (%)		86.4	91.0	91.7	91.7	90.9	90.5		
P.F. (%)	4.8	35.4	57.2	69.6	77.5	80.1	81.3	42.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1575	1760	1800
Current (Amps)	81.0	78.0	51.0	13.2	7.2
Torque (ft-lb)	76.0	70.0	90.0	29.9	0.00



Information Block

HP	10.0	
Sync. RPM	1800	
Frame	215	
Enclosure	TEFC	
Construction	TFR	
Voltage	230/460#190/380	V
Frequency	60	Hz
Design	B	
LR Code letter	H	
Service Factor	1.15	
Temp Rise @ FL	65	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	1.10	Lb-Ft²
Ref Wdg	K2154513 NONE	
Sound Pressure @ 1M	62	dBA
VFD Rating	NONE	
Outline Dwg	038046-1115	
Conn. Diag	005010.01ME	
Additional Specifications:		
0		
0		

EQUIV CKT (OHMS / PHASE)

R1	R2	X1	X2	Xm
0.5840	0.5050	1.7640	2.1360	36.0320

Speed -Torque Curve

