marathon®

Washdown Motors

Model No: 213TTWDD6031
Catalog No: 140826.00M

Washdown Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 213TC Frame, TEFC

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Product Information Packet: Model No: 213TTWDD6031, Catalog No: 140826.00M Washdown Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 213TC Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**7.50 & 5 Hp**
Output KW	**5.6 & 3.7 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1765 & 1475 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.00**	Frame	**213TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91.7 & 90.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**19.6/9.8 & 16.6/8.3 A**
Power Factor	**78.3**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Drive End Bearing Size	**6209**
Opp Drive End Bearing Size	**6207**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**56**	Number of Speeds	**1**

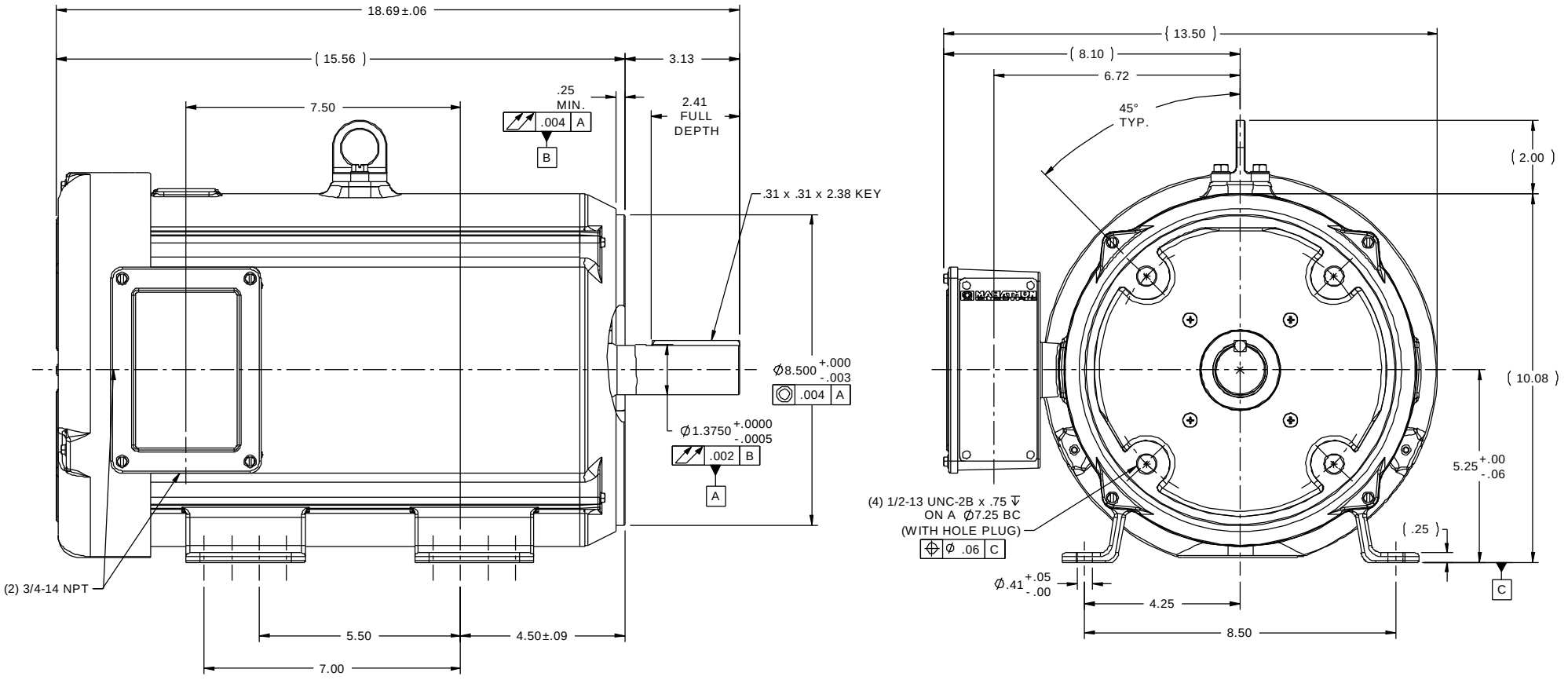
Technical Specifications

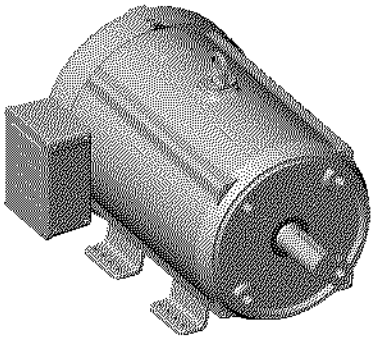
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**1.18 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Stainless Steel**
Shaft Type	**T**	Overall Length	**18.69 in**
Frame Length	**12.0 in**	Shaft Diameter	**1 3/8 in**
Shaft Extension	**3.13 in**	Assembly/Box Mounting	**F1 Only**
Inverter Load	**Constant 3:1**		

Drawings

Connection Drawing	**005010.01ME**	Outline Drawing	**037617.00**

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ISOMETRIC VIEW
SCALE 1=6

NO	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

THIRD ANGLE PROJECTION

marathon electric

DRAWN	PVR 11/26/13
CHK	GR 11/26/13
APPR	
SCALE	3:8
REF	037616
FMF	213TTWD16002
PAGE	1 OF 1
TITLE	OUTLINE - 210TC FRAME TEFC - RIGID "C"
MAT'L	WASHGUARD ALL STAINLESS STEEL MOTOR
FINISH	
RFP	
PREV	
NETWORK FILE NAME	037616ME
SIZE	B
DRAWING NO	037616ME
REV	