

Close-Coupled Pump Motors

Model No: 213TTFBD6082

Catalog No: GT3111A

Close-Coupled Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 213JM
Frame, TEFC

Product Information Packet: Model No: 213TTFBD6082, Catalog No: GT3111A Close-Coupled Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 213JM Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	1185 & 987 r/min	Synchronous RPM	1200 & 1000 r/min
Service Factor	1.15 & 1.15	Frame	213JM
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	89.5 & 89 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	8.6/4.3 & 7.4/3.7 A
Power Factor	73	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	J	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6206	UL	Listed
CSA	Y	CE	Y
IP Code	43	Number of Speeds	1
Hazardous Location	DIVISION 2 T2B		

Technical Specifications

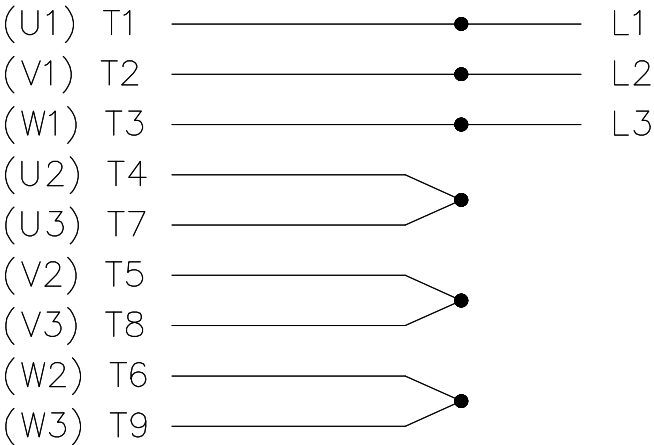
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	3.486 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	20.27 in
Frame Length	9.65 in	Shaft Diameter	0.874 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 Capable
Inverter Load	Constant 10:1/Variable 10:1		

Drawings

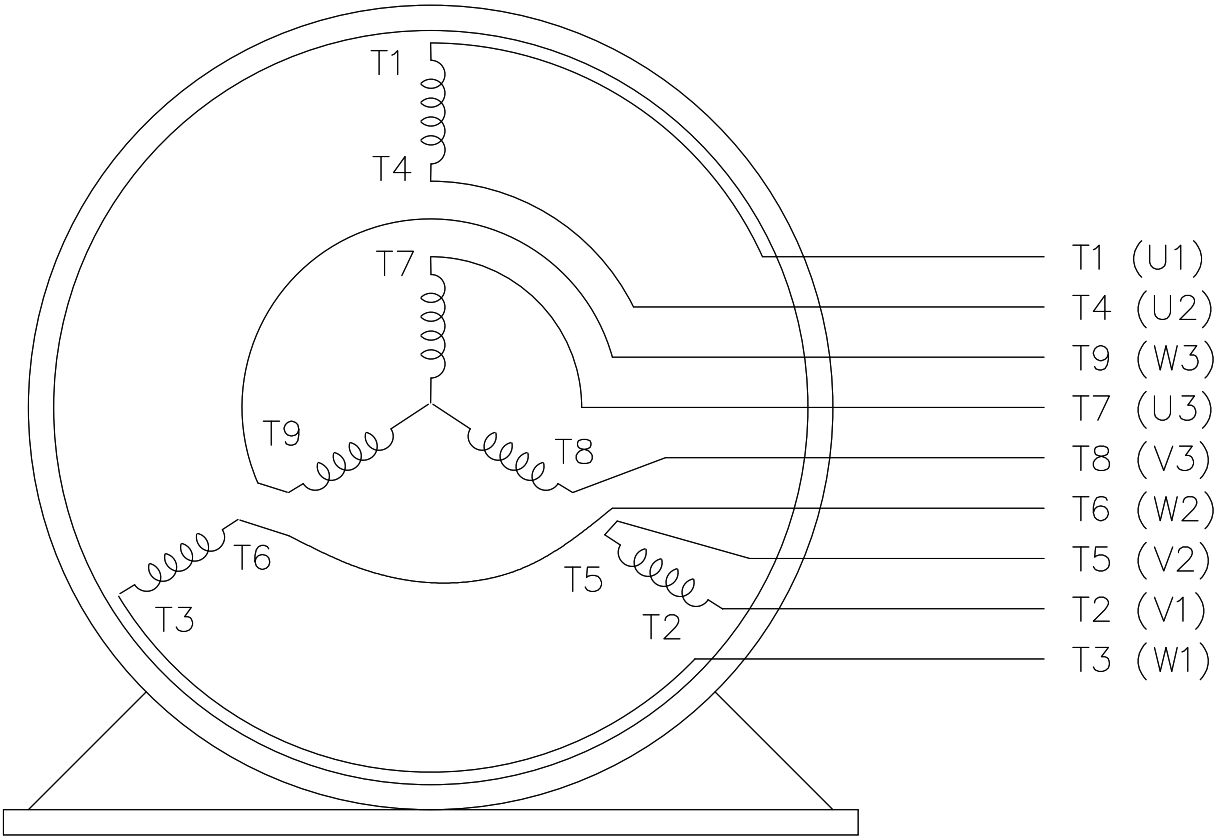
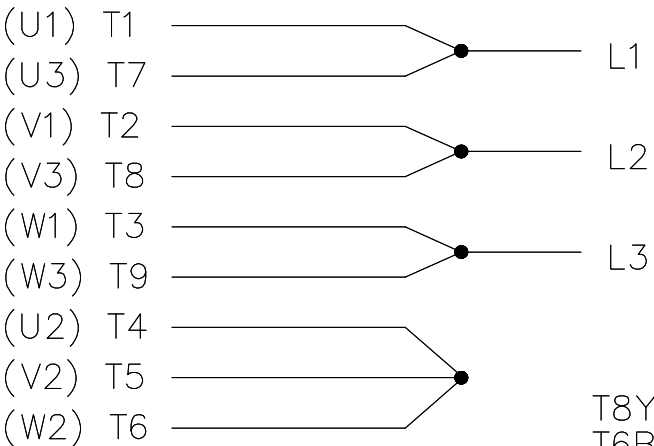
Connection Drawing	EE7308	Outline Drawing	SS620824-100
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THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 ——— WHITE ———
L2 ——— RED ———
L3 ——— BLACK ———

DRAWING REVISION J	REVISION BY SB	REV DATE/ © DATE 08/01/2025
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/01/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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DRAWN BY RM
DATE 11/20/1990
APPROVED BY SAS
DATE 04/24/2003
REFERENCE
THIRD ANGLE PROJECTION

marathon™		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø - DUAL VOLTAGE MOTOR		
MATERIAL		PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7308	SHEET 1 OF 1

MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

460

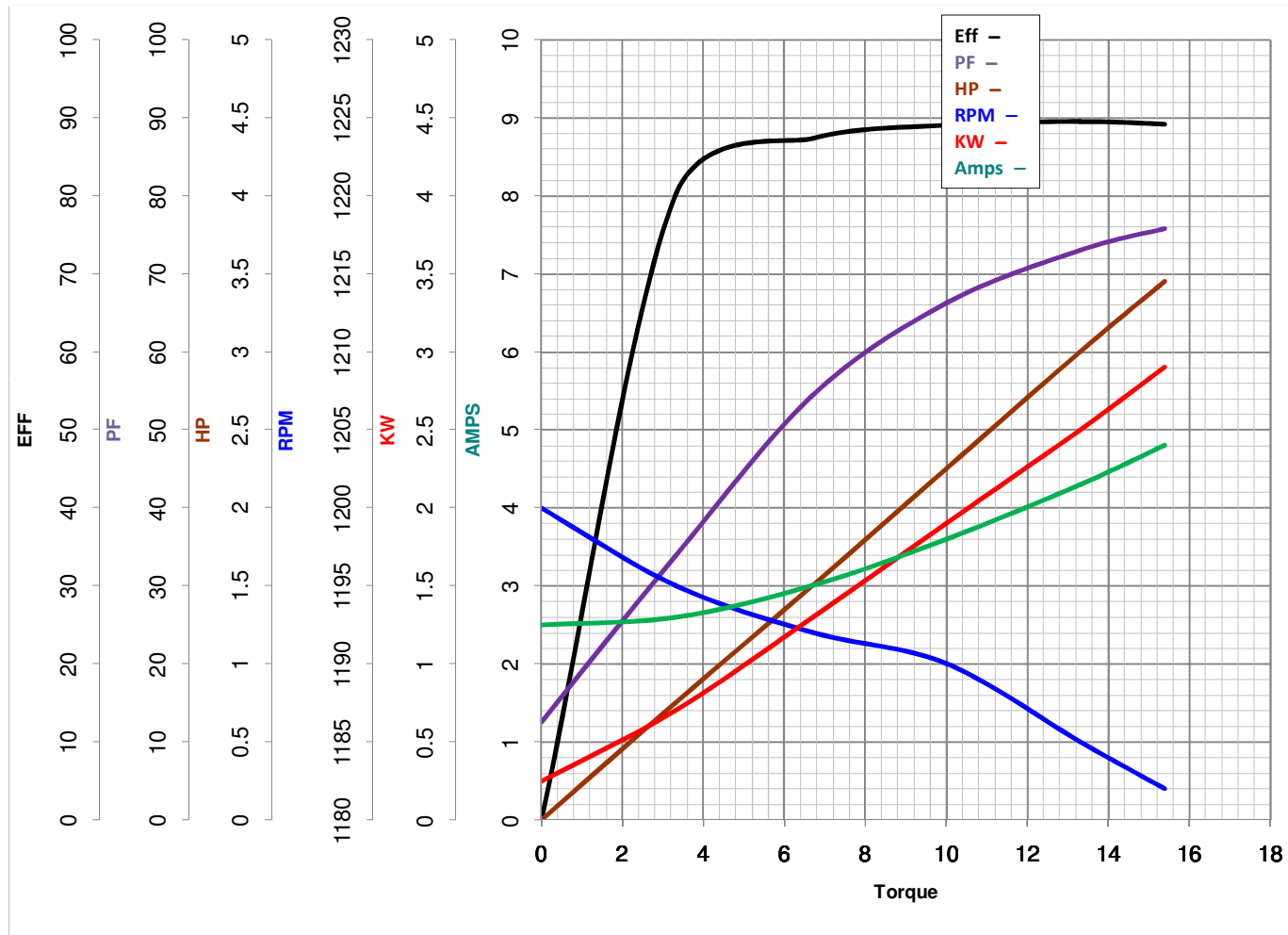
Volts

HP 3&2PHASE 3Model No 213TTFBD608260

HZ

VOLTS 230/460&190/3803

HP

Catalog No GT3111AHZ 60&50RPM 1185&987

Torque in Lb.Ft

FL TORQUE 13.3 Lb.FtBD TORQUE 37.0 Lb.FtLR TORQUE 28 Lb.FtFL AMPS 8.6/4.3PU TORQUE 24.0 Lb.FtLR AMPS 35

WINDING HE31326018-2

Prepared By

FAREEDA

Date 5/4/2018