

PRODUCT INFORMATION PACKET

Model No: 145TTFR16011

Catalog No: GT5306

2 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 200 V, 145JPV Frame, TEFC
JP Motors





Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	200 V
Current	5.8 A	Speed	3500 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	145JPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	43

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	7.1 Ohms	Mounting	Round
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	20.35 in
Frame Length	9.06 in	Shaft Diameter	0.875 in
Shaft Extension	7.31 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	B-100659-906	Connection Drawing	A-EE7300

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**THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'**

**TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.**

TERMINAL BLOCK WHEN SPECIFIED



VIEW OF TERMINAL END

**IF MOTOR HAS
6 LEADS**



A-9806 DECAL

**OPTIONAL CORD
CONNECTION**

- L1 _____ WHITE _____
- L2 _____ RED _____
- L3 _____ BLACK _____

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION

Regal Beloit America, Inc.		
		DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

200 Volts
60 HZ
2 HP

HP 2.00

PHASE 3

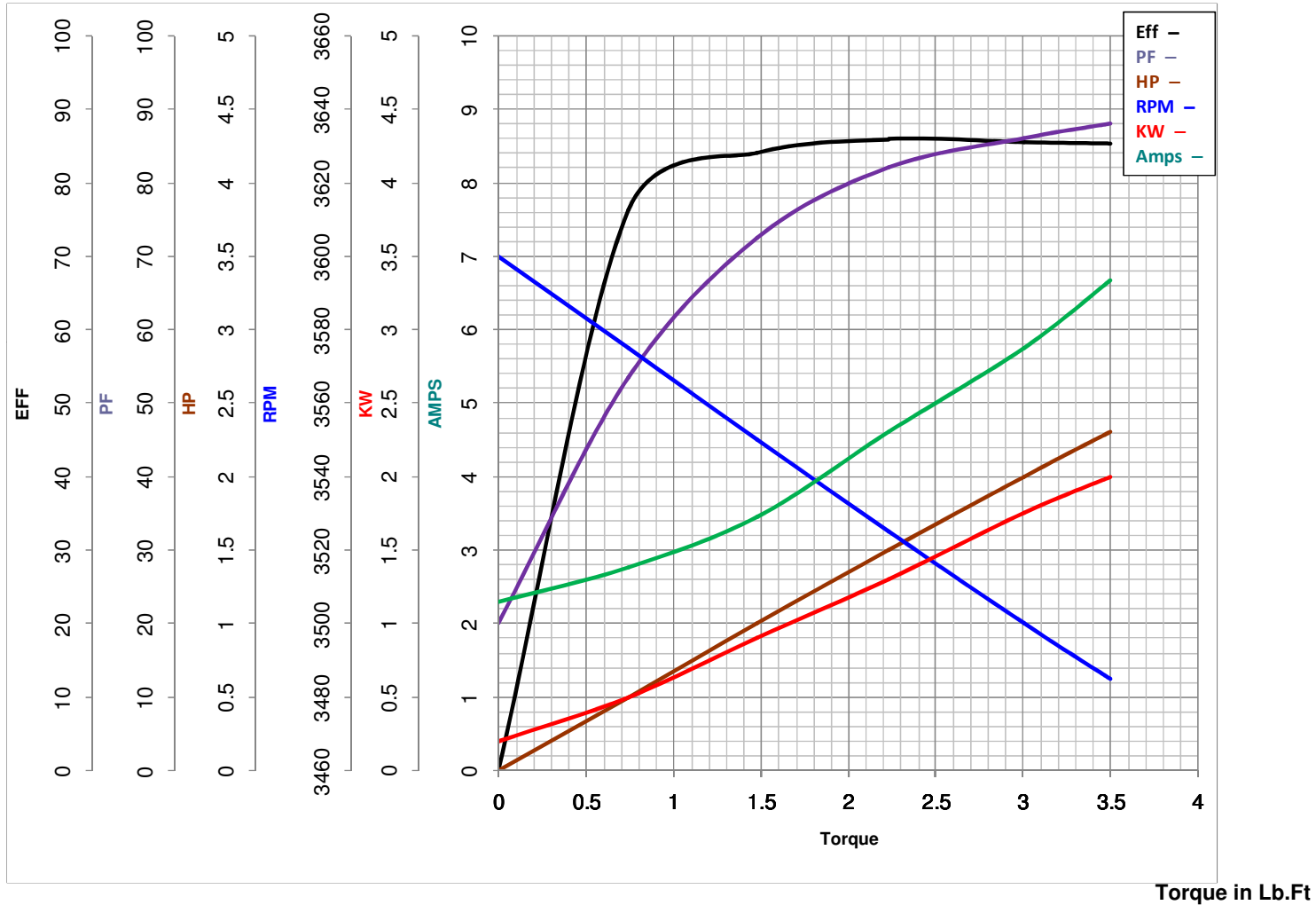
Model No 145TTFR16011

VOLTS 200

Catalog No GT5306

HZ 60

RPM 3500



FL TORQUE	<u>3</u>	Lb.Ft	FL AMPS	<u>5.75</u>	
BD TORQUE	<u>12.2</u>	Lb.Ft	PU TORQUE	<u>9.4</u>	Lb.Ft
LR TORQUE	<u>9.5</u>	Lb.Ft	LR AMPS	<u>49.91</u>	
WINDING	ZT2142-		Date	3/6/2019	