

Product Information Packet

February 22, 2024

Data shown is for the current revision model #. Ensure your nameplate model # matches.

Model Number:	WPN-DF132MQ-4
Catalog Number:	BC4M010V4
Connection Diagram:	See Page 4
Outline Drawing:	See Page 3

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Marks:

MODEL NUMBER:	BC4M010V4	Estimated Weight:	150 Lbs
Outline Drawing:	See Page 3	Time Rating:	S1
Connection Diagram:	See Page 4	Enclosure:	TEFC
Design Code:	B	Encl Construction:	GP
Type:	KS	Ambient Max(°C):	40
Frame:	H132	Alt Ambient Max(°C):	40
Phases:	3	Insulation Class:	F
Poles:	4	NEMA Design:	B
Output Power:	10HP	Nominal Efficiency:	91.7 %
RPM:	1765	Guaranteed Efficiency:	90.2 %
Voltage:	208-230/460	3/4 Load Efficiency:	91.8 %
Hertz:	60	KVA Code:	G
Amps - FL:	24.4/12.2	Max KVAR:	6.3
Service Factor:	1.25@60Hz	Power Factor:	84%
Alt Service Factor:	1.15	Bearing - DE:	6208-ZZC3
		Bearing - ODE:	6208-ZZC3

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:

12-60HZ CONSTANT TORQUE, 6-60Hz VARIABLE TORQUE

50HZ DATA:
 190-200/400V
 28.5/14.3AMPS
 RPM 1470
 SF 1.0

CSA APPROVED FOR CLASS I;DIVISION 2; GROUPS A, B, C & D,ZONE 2; GROUPS IIA & IIB T3 WITH VFD

Additional Information:

F1/F2/F3/ROUND BODY MOUNTING USING REMOVABLE/REPOSITIONABLE FEET
 INVERTER DUTY: CT5:1(12Hz~60Hz)@100%TN, CT15:1(4Hz~60Hz)@66.7%TN, VT20:1

Performance Characteristics

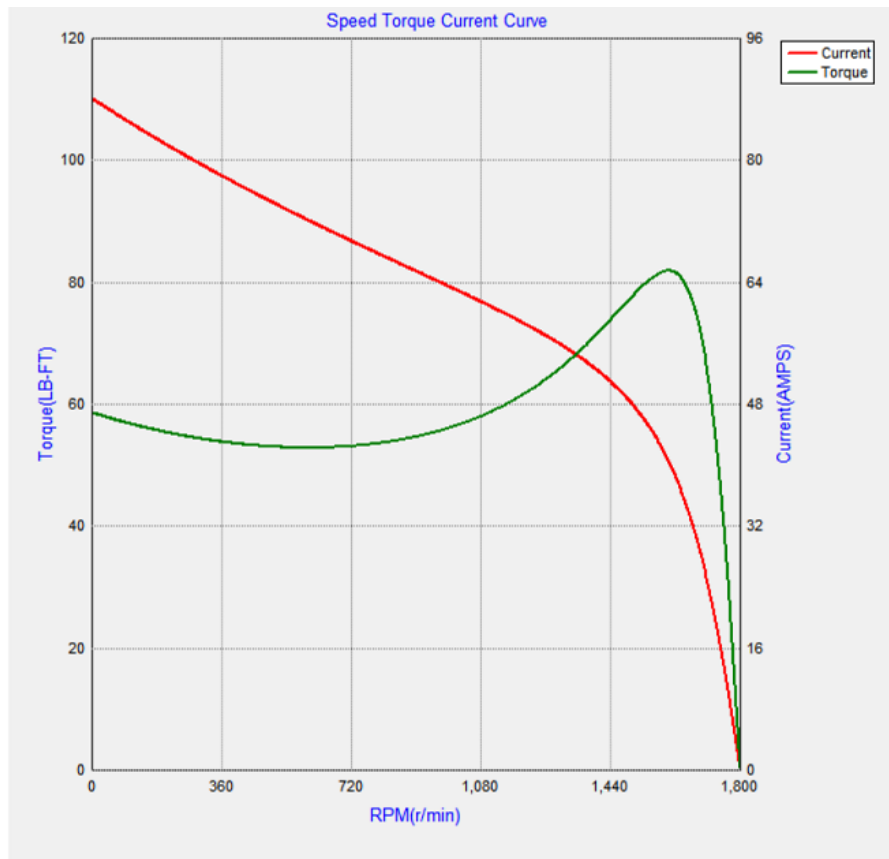
Marks:

LOAD %	150.0	125.0	100.0	75.0	50.0	25.0
% EFF	90.17	91.09	91.70	91.89	91.23	87.58
% PF	85.11	84.77	84.05	80.88	73.00	51.93
AMPS(460V)	18.42	15.25	12.22	9.51	7.08	5.19

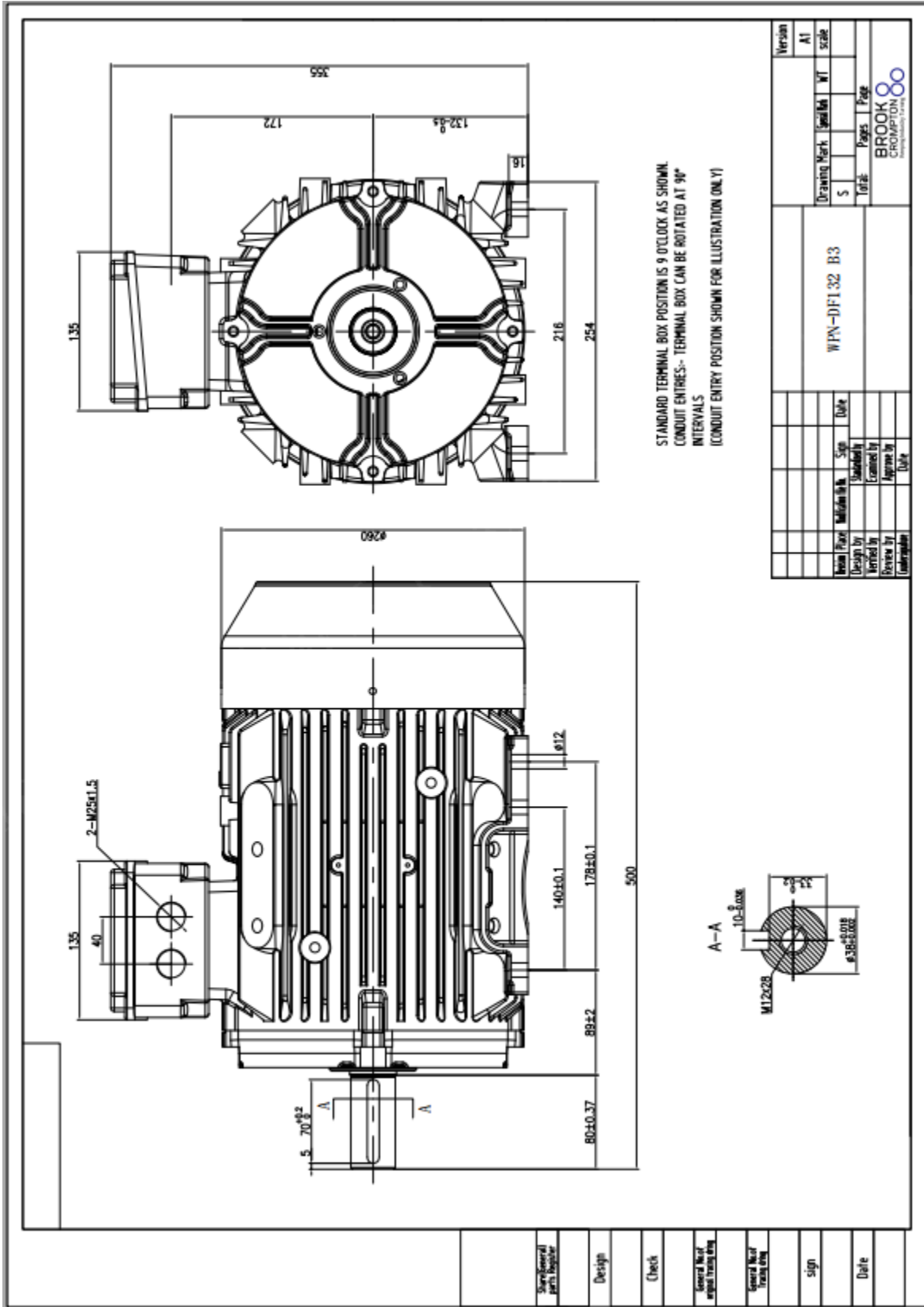
TORQUE(FL) LB-FT 40.58 TORQUE(LR)%FL 200 TORQUE(BD)%FL 268
 AMPS(LR 460V) 91.5 PF AT START 26

Other Useful Information for Application:

Rotor Inertia: Lb-Ft ² (Kg-m ²):	1.020(0.043)
Max load inertia: Lb-Ft ² (Kg-m ²):	
Load Type:	Square Torque/Speed Characteristic
Voltage:	100%
Number of starts per hour:	2 Cold or 1 Hot
Acceleration Time with maximum inertia (sec):	9.5
Safe stall time (sec): Cold/Hot	37/15



Place BC's Outline drawing



Version	AT	scale
Drawing Mark	Serial No.	WT
S	Total	Pages
WPN-DF132 B3		Page
BROOK CROMPTON		Page
KEEPING INDUSTRY TURNING		Page
Drawn By	Checked By	Date
Design By	Approved By	Date
Reviewed By	Drawn By	Date
Checked By	Drawn By	Date
Approved By	Drawn By	Date

Marks:

Connection Diagram

