

Product Information Packet

April 9, 2025

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

Model Number:	WPN-DF364TSM-4
Catalog Number:	BC4N060V4C
Connection Diagram:	See Page 4
Outline Drawing:	See Page 3

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Marks:

MODEL NUMBER:	BC4N060V4C	Estimated Weight:	914 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:	364T	Alt Ambient Max(°C):	40
Phases:	3	Insulation Class:	F
Poles:	4	NEMA Design:	B
Output Power:	60HP	Nominal Efficiency:	95.0 %
RPM:	1780	Guaranteed Efficiency:	95.2 %
Voltage:	208-230/460	3/4 Load Efficiency:	93.3 %
Hertz:	60	KVA Code:	G
Amps - FL:	134/66.8	Max KVAR:	6.3
Service Factor:	1.25@60Hz	Power Factor:	89%
Alt Service Factor:	1.15	Bearing - DE:	6316-C3
		Bearing - ODE:	6314-C3

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:

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

50HZ DATA:
 190-200/400V
 155/77.5AMPS
 RPM 1480
 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

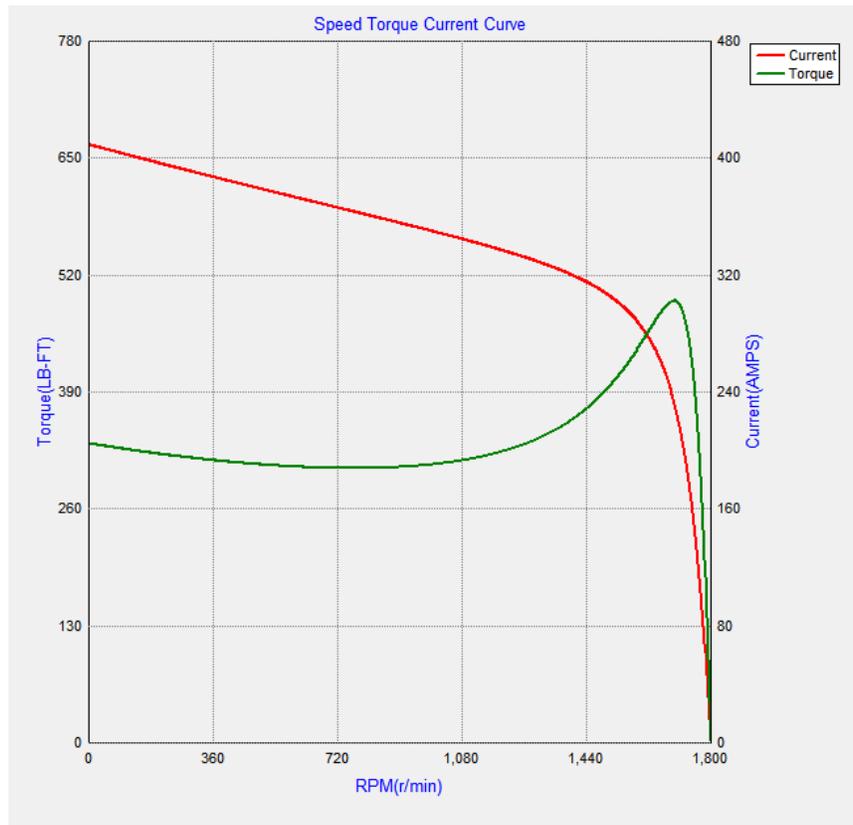
Marks:

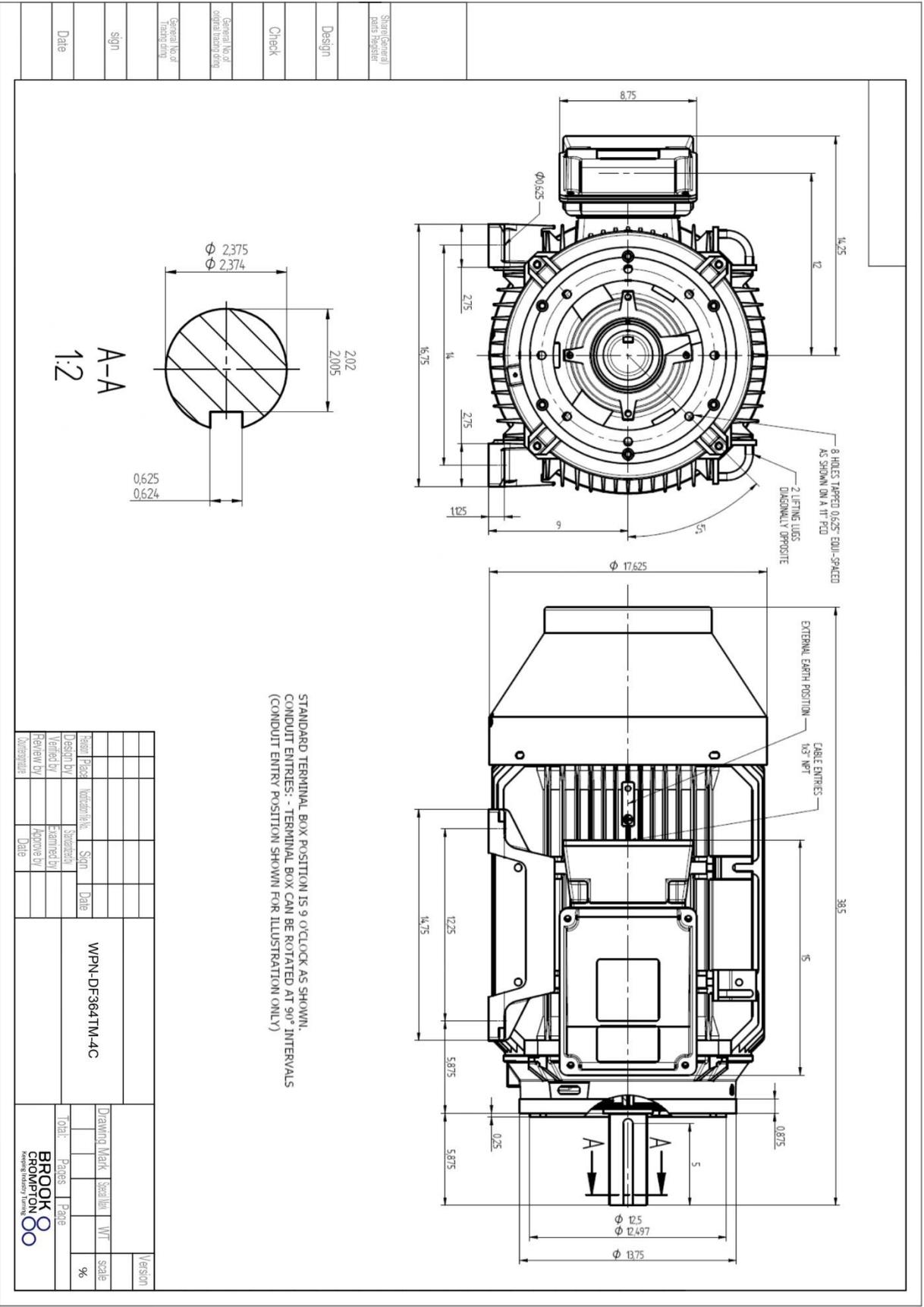
LOAD %	150.0	125.0	100.0	75.0	50.0	25.0
% EFF	93.9	94.5	95.0	95.3	95.2	93.6
% PF	88.7	89.3	89.0	86.9	81.1	62.0
AMPS(460V)	101.7	83.6	66.8	51.1	36.6	24.3

TORQUE(FL) LB-FT 178 TORQUE(LR)%FL 185 TORQUE(BD)%FL 270
 AMPS(LR 460V) 416 PF AT START 30

Other Useful Information for Application:

Rotor Inertia: Lb-Ft ² (Kg-m ²):	15.30(0.641)
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):	17.4
Safe stall time (sec): Cold/Hot	46/19





STANDARD TERMINAL BOX POSITION IS 9 O'CLOCK AS SHOWN.
 CONDUIT ENTRIES: - TERMINAL BOX CAN BE ROTATED AT 90° INTERVALS
 (CONDUIT ENTRY POSITION SHOWN FOR ILLUSTRATION ONLY)

Sign (General) parts Register	
Design	2002 2005
Check	
General No. of original design drawing	
General No. of Issued drawing	
sign	
Date	

Design by	Checked by	Drawn by	Approved by	Date	WPN-DF364TM-4C	Drawing Mark	Scale	WT	96
Reviewed by	Approved by	Date	Version						
Design by: [] Checked by: [] Drawn by: [] Approved by: [] Date: []					WPN-DF364TM-4C Drawing Mark: [] Scale: [] WT: [] 96 Version: []				

BROOK CROMPTON
 Keeping Industry Turning

Marks:

Connection Diagram

Thermistor Connection

