Product Information Packet

April 1, 2024

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

Model Number:	**WPN-DF364TSM-4**
Catalog Number:	**BC4N060V4**
Connection Diagram:	**See Page 4**
Outline Drawing:	**See Page 3**

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Marks:

MODEL NUMBER:	BC4N060V4	**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

BROOK CROMPTON
Keeping Industry Turning

Performance Characteristics

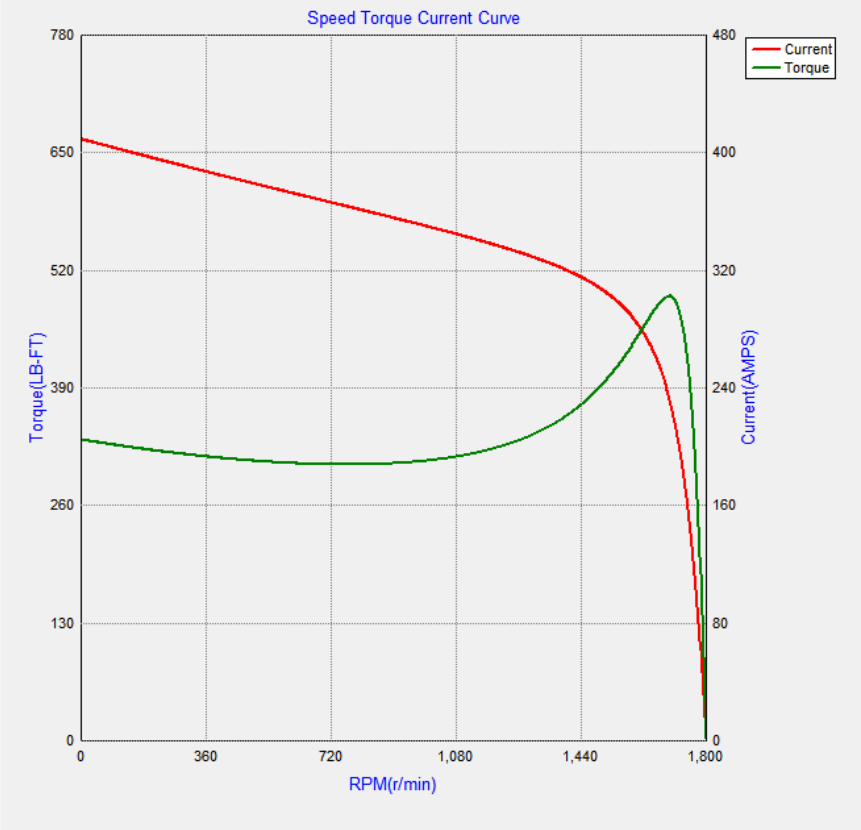
Marks:

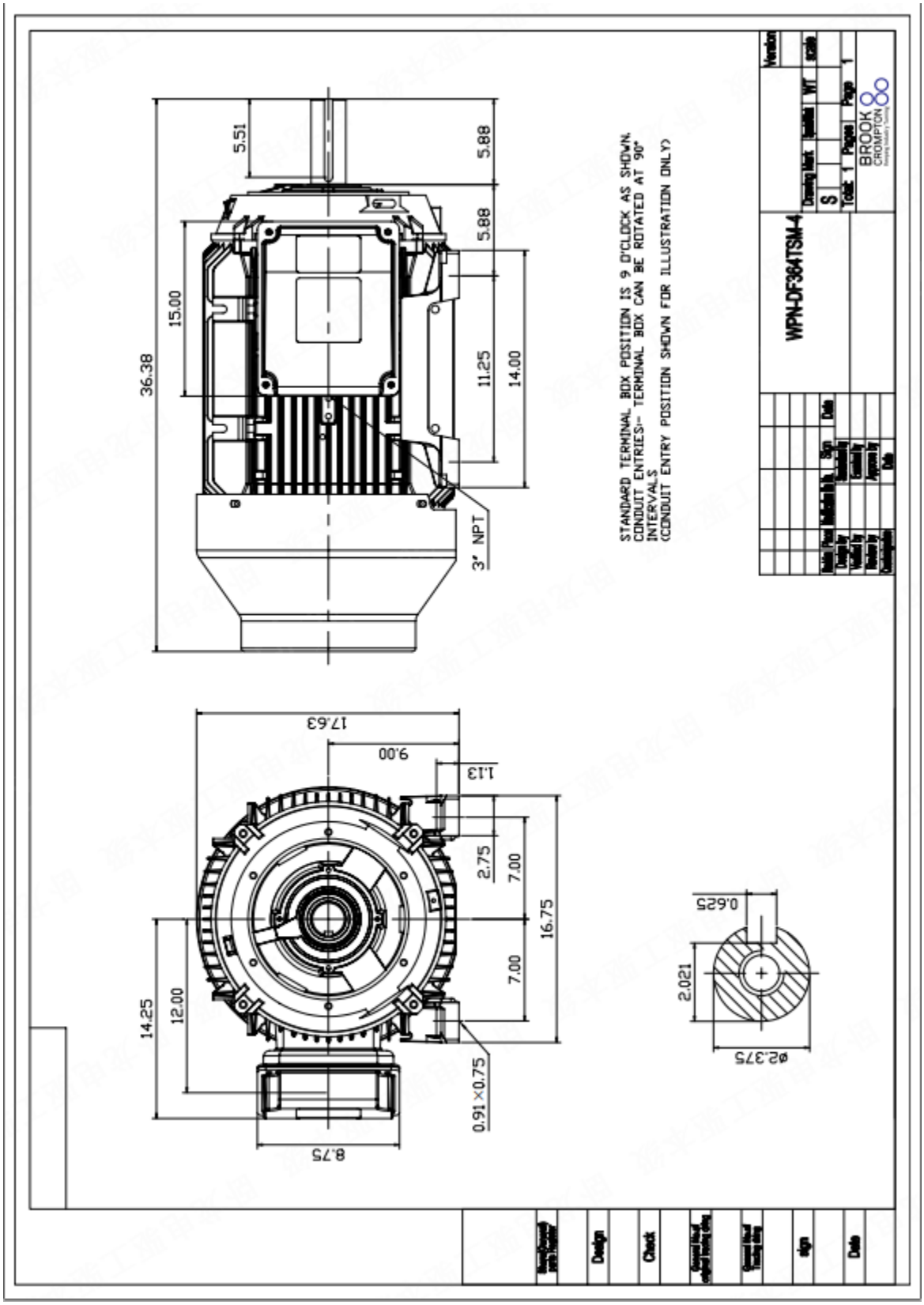
LOAD %	150.0	125.0	100.0	75.0	50.0	25.0
% EFF	93.9	94.5	95.0	95.3	95.2	93.6
% PF	88.7	89.3	89.0	86.9	81.1	62.0
AMPS(460V)	101.7	83.6	66.8	51.1	36.6	24.3

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




WPN-DF364TSM-4
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)
5.51
5.88
5.88
15.00
36.38
11.25
14.00
3" NPT
17.63
9.00
1.13
2.75
7.00
16.75
7.00
14.25
12.00
0.91×0.75
8.75
0.625
2.021
ø2.375

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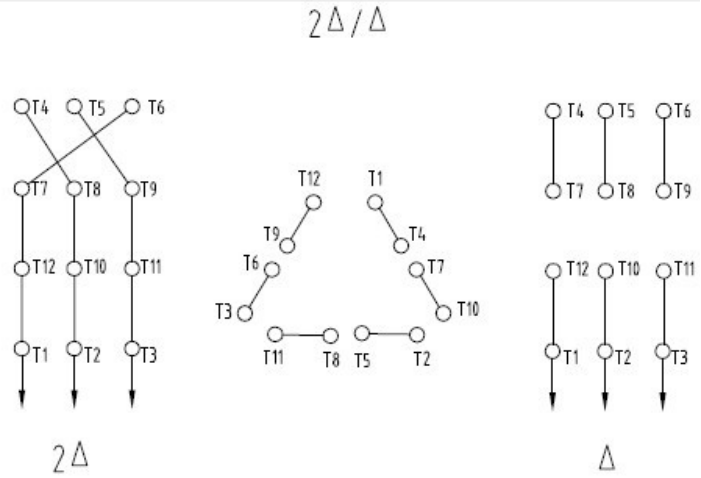
Marks:

Connection Diagram



Thermistor Connection