

Product Information Packet

February 13, 2024

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

Model Number:	WPN-DA256TSP-6D
Catalog Number:	BA6N010V3D
Connection Diagram:	See Page 4
Outline Drawing:	See Page 3

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Marks:

MODEL NUMBER:	BA6N010V3D	Estimated Weight:	292 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:	256TD	Alt Ambient Max(°C):	40
Phases:	3	Insulation Class:	F
Poles:	6	NEMA Design:	B
Output Power:	10HP	Nominal Efficiency:	91.0 %
RPM:	1175	Guaranteed Efficiency:	89.5 %
Voltage:	208/416	3/4 Load Efficiency:	91.2%
Hertz:	60	KVA Code:	H
Amps - FL:	28.2/14.15	Max KVAR:	7.1
Service Factor:	1.25@60Hz	Power Factor:	81%
Alt Service Factor:	1.15	Bearing - DE:	6309-ZZC3
		Bearing - ODE:	6307-ZZC3

Enclosure is Totally Enclosed Fan-Cooled

Stamped Nameplate Notes:

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

50HZ DATA:

RPM 975

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

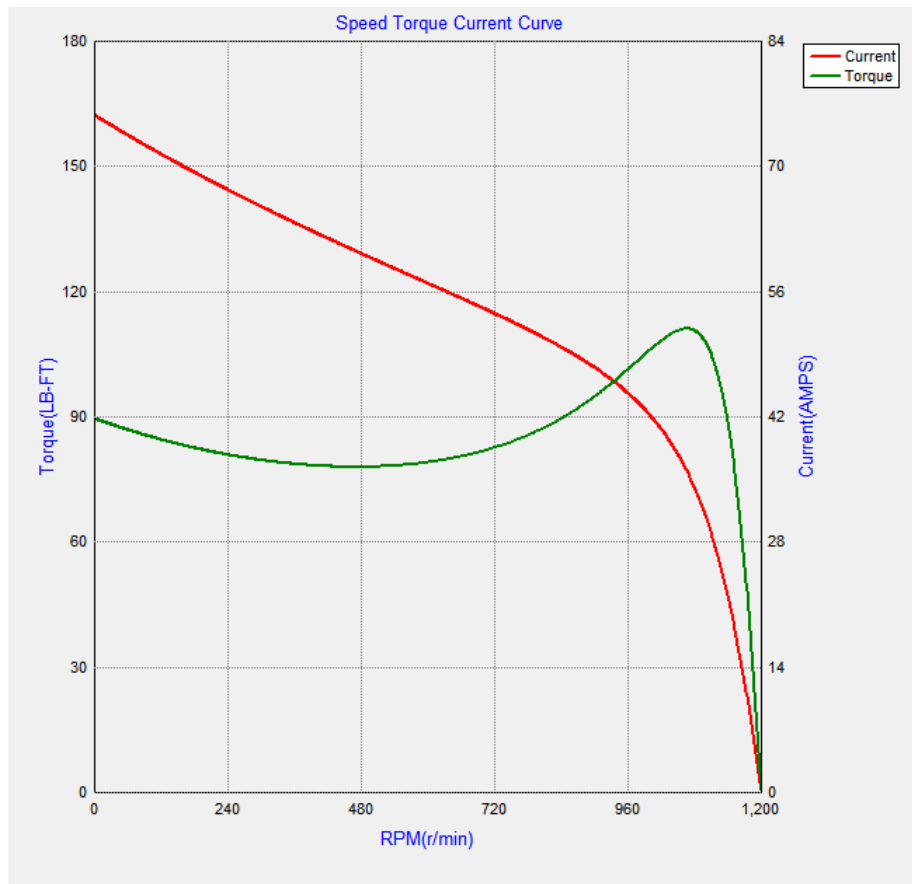
Marks:

LOAD %	150.0	125.0	100.0	75.0	50.0	25.0
% EFF	89.1	90.2	91.0	91.2	90.5	86.7
% PF	82.8	82.7	81.0	76.4	66.3	44.3
AMPS(460V)	19.1	15.8	12.8	10.1	7.85	6.13

TORQUE(FL) LB-FT 44.9 TORQUE(LR)%FL 190 TORQUE(BD)%FL 230
 AMPS(LR 460V) 75.9 PF AT START 40

Other Useful Information for Application:

Rotor Inertia: Lb-Ft ² (Kg-m ²):	3.270(0.137)
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	55/22



Please contact Brook Crompton for drawings.

Marks:

Connection Diagram

Thermistor Connection
235A3027VD

