

DATA SHEET

Premium Efficiency Motor: **SSPE3-12-213TCRD,**

60 Hz

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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Customer:

MOTOR INFORMATION	
HP	3
RPM	1200
Phase	3
Frequency	60
Voltage	230/460
Frame Size	213TC
Enclosure	TEFC
Degree of Protection	IP69K
Service Factor	1.15
Poles	6
Full Load Speed	1175
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	K
Duty Cycle	S1
Slip	2.08%
NEMA Design	B
Moment of Inertia	1.055 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	61 dB(A)
Number of Starts	12
Max Ambient Temperature	40° C
Max Elevation	1000 m.a.s.l (3300 f.a.s.l)
Mounting	F1
Rotation	Bidirectional
Area of Classification	Div.2 Class I, Gr. A,B,C&D T2B
Inverter Rating	10:1 CT/20:1 VT
Standard	NEMA MG1, UL1004
Approvals	CSA,UL,CE

EFFICIENCY/POWER FACTOR		
LOAD	EFF	P. F.
100%	89.5 %	0.74
75%	87.0 %	0.62
50%	86.0 %	0.51

TORQUE		
FULL LOAD	LRT	BDT
13.2 lb.ft.	250 %	280 %

AMPERAGE INFORMATION		
	230V	460V
Full Load Amps	9.2	4.6
Locked Rotor Amps	64	32
No Load Current	6	3
Usable at 208V		10

BEARING INFORMATION	
DE Bearing	6308 2RS
ODE Bearing	6208 2RS
Grease Type	Mobil Polyrex EM

ADDITIONAL DATA	
F2 Suitable	No
Shaft Material	304 Stainless Steel
Connection Diagram	9 Lead 2Y/Y
Approximate Weight	168.5 lbs.

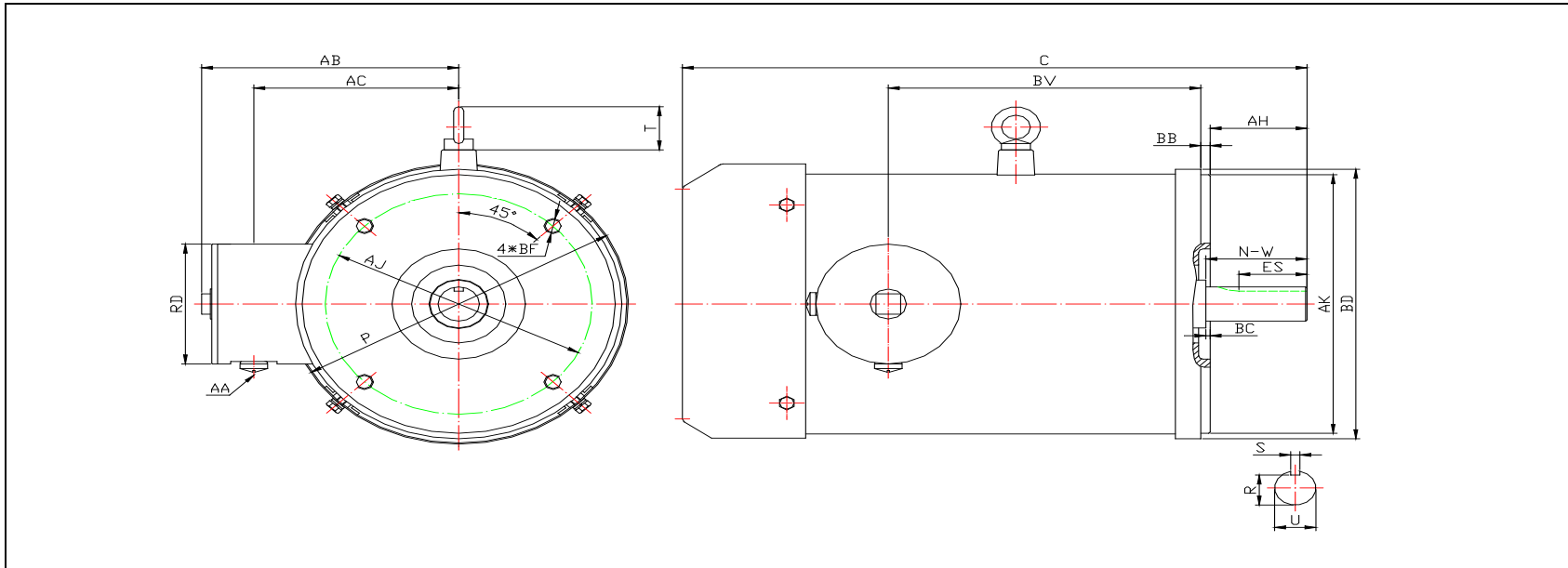
MOTOR DRAWING

Premium Efficiency Motor: **SSPE3-12-213TRD**

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DIMENSION - INCHES

FLANGE MOUNTING						C	P	T	AB
AK	BD	AJ	BF	BB	BC				
8.5	10.08	7.25	4*1/2-13	0.25	0.25	20.7	10.7	1.75	7.85

SHAFT & KEY					
S	ES	R	N-W	U	AH
0.312	2.41	1.201	3.38	1.375	3.12

TERMINAL BOX				
AA	AB	AC	RD	BV
1/2 NPT	7.85	6.41	3.95	11.15

PERFORMANCE CURVES

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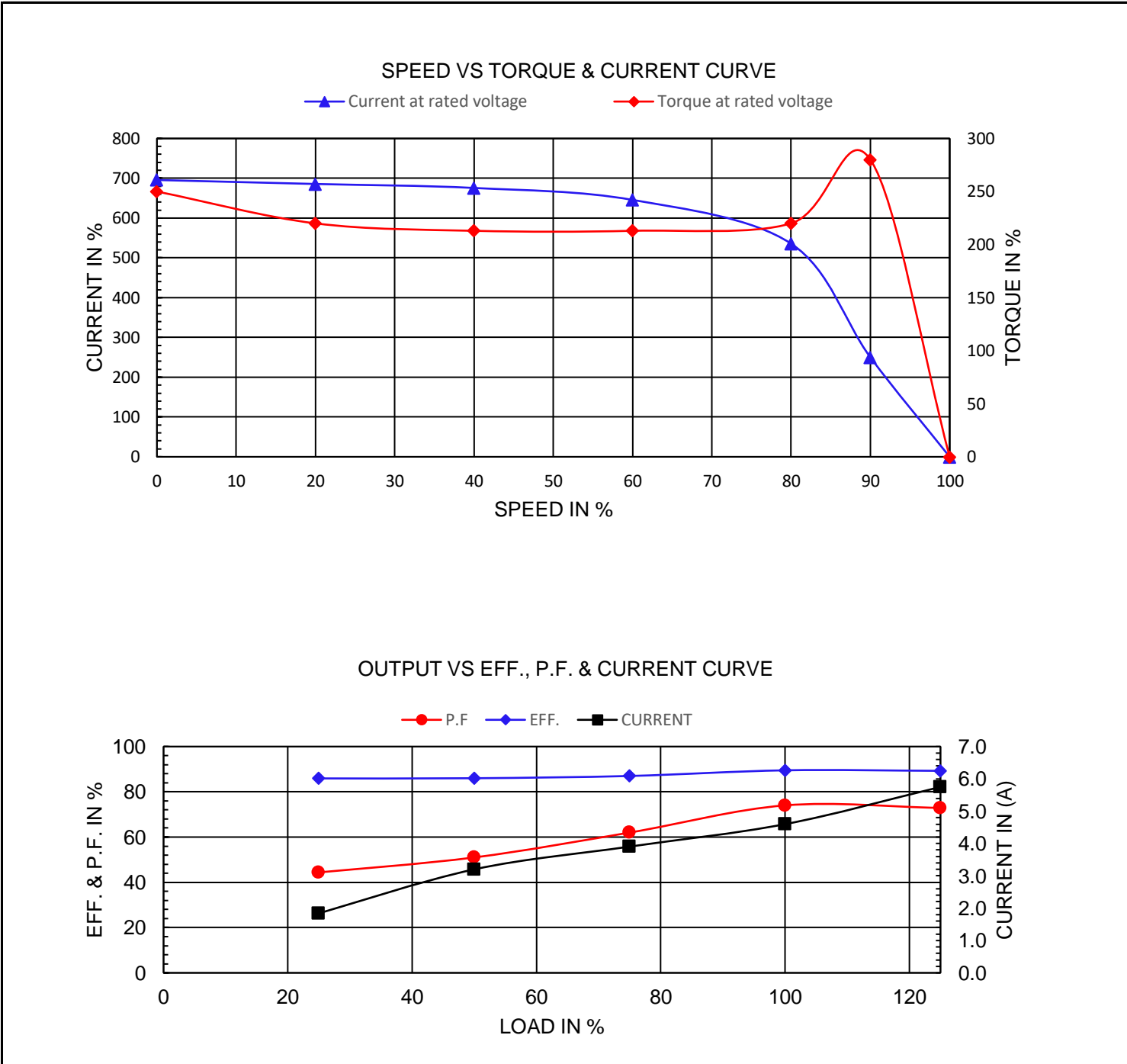


Premium Efficiency Motor:

SSPE3-12-213TRD

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Motor Type	SSPE		FL Speed	1175	
Output Rating (HP)	3		LRT (%FLT)	250	460 volt FLA 4.6
Full Load Torque	13.2	lb.ft	BDT (%FLT)	280	230 volt FLA 9.2
Rotor Wk ²	1.055	lb-ft ²			



NAMEPLATE / WIRING

Premium Efficiency Motor:

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SAMPLE NAMEPLATE DATA

		THREE PHASE AC INDUCTION MOTOR INVERTER DUTY 20:1 VT 10:1 CT							
Model .		FRAME		IP 69K	LB/WT		230V 		
Hz 60	S. F. 1.15	Hz 50	S. F. 1.15	ENCL. TEFC	AMB. 40°C				
HP	RPM	HP	RPM	DUTY CONT	INS. F				
VOLTS 230/460		VOLTS 190/380		NEMA DES. B			460V 		
AMP		AMP		BRG DE					
CODE	P. F.	CODE	P. F.	BRG ODE					
EFF	MIN	IE3 -		NO.					
				 C 502259 US		 E517327		CC082A	

Model	SSPE3-12-213TCRD			FRAME	213TC	LB/WT	168.5 lbs.
Hz	60	S.F.	1.15	Hz	50	S.F.	1.15
HP	3	RPM	1175	HP	2	RPM	980
VOLTS	230/460			VOLTS	190/380		
AMPS	9.2/4.6			AMPS	7.6/3.8		
CODE	K	P.F.	0.74	CODE	L	P.F.	0.70
EFF	89.5%	MIN	86%	IE3 -	82.5%		
BRG DE	6308 2RS						
BRG ODE	6208 2RS						