DATA SHEET

Premium Efficiency Motor: **NT13-18-56CB** **60 Hz**

WorldWide Electric Corporation
1 (800) 808-2131
Worldwideelectric.net

Document Generated: 5-Sep-2023
Document ID:

Customer:

MOTOR INFORMATION

HP	1/3
RPM	1800
Phase	1
Frequency	60 Hz
Voltage	115/230
Frame Size	56C
Enclosure	TEFC
Degree of Protection	IP43
Service Factor	1.15
Poles	4
Full Load Speed	1725
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	N
Duty Cycle	S1 / Continuous
Slip	4.17%
Max Ambient Temperature	40°C
Max Elevation	1000 m.a.s.l (3300 f.a.s.l)
Mounting	F1
Rotation	Bi-Directional
Mounting Type	C-Face with Removable Base
Standard	NEMA MG-1
Approvals	CSA, CE
Overload	None

ADDITIONAL DATA

F2 Suitable	No
Shaft Material	1045 Carbon Steel
Connection Diagram	115/230V - 6 Lead
Approximate Weight	22 lbs.

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	66.3 %	63.8
75%	62.8 %	55.4
50%	55.5 %	45.0

TORQUE

FULL LOAD	LRT	BDT
1.02 lb.ft.	445 %	245 %

AMPERAGE INFORMATION

	115V	230V
Full Load Amps	5.2	2.6
Locked Rotor Amps	32.7	16.3
No Load Current	4.09	2.045
Usable at 208V	2.7A	

BEARING INFORMATION

DE Bearing	6203 2RS
ODE Bearing	6203 2RS

CAPACITOR INFORMATION

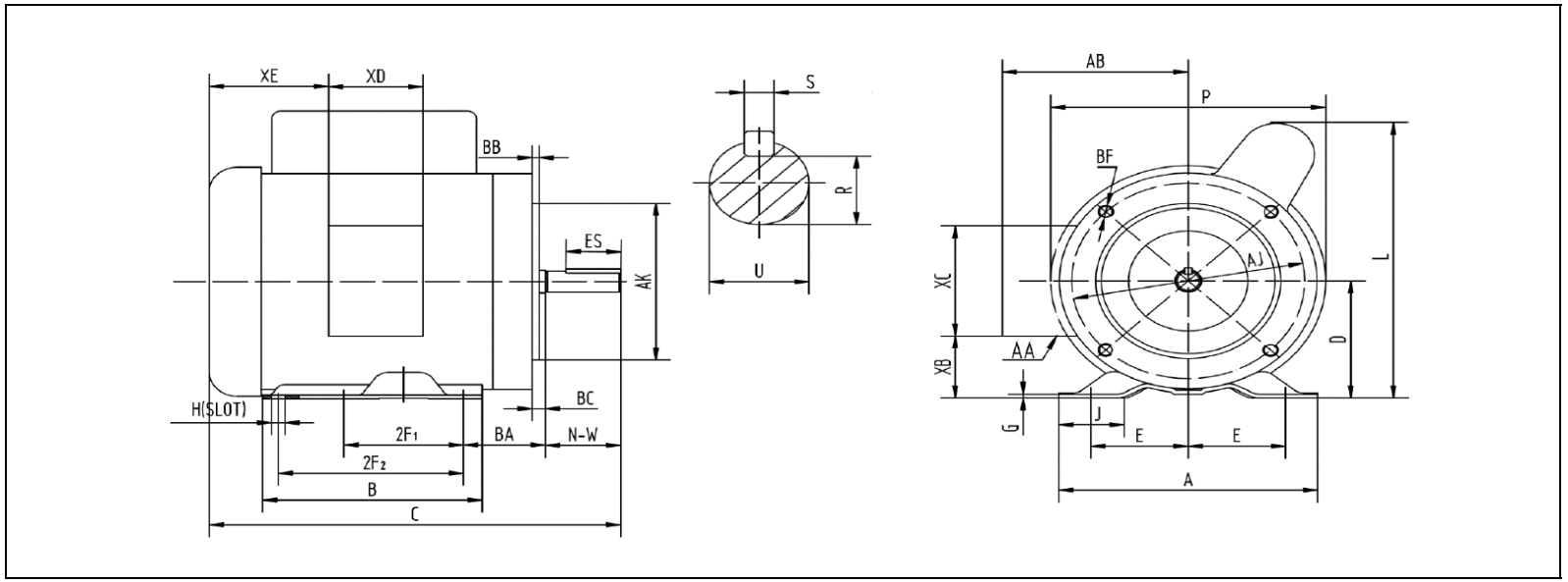
Start Capacitor	(1)300uF/165V
Run Capacitor	--

This document is the property of WorldWide Electric Corporation and may not be reproduced without express authorization

MOTOR DRAWING

Premium Efficiency Motor: **NT13-18-56CB**

WorldWide Electric Corporation
1 (800) 808-2131
Worldwideelectric.net



DIMENSION - INCHES

MOUNTING					A	B	C	D	G	L	P	AB	J
E	2F1	2F2	H	BA									
2.44	3	5	0.34	2.75	6.54	6.54	11.9	3.5	0.12	8.2	7.3	5.2	1.65

SHAFT & KEY				
R	ES	S	U	NW
0.517	1.41	0.188	0.625	1.88

TERMINAL BOX				
XB	XC	XD	XE	AA
1.65	3.7	3.2	2.15	3-0.88/2-1.109

FLANGE				
AK	AJ	BF	BB	BC
4.5	5.875	3/8-16	0.16	-0.19

This document is the property of WorldWide Electric Corporation and may not be reproduced without express authorization

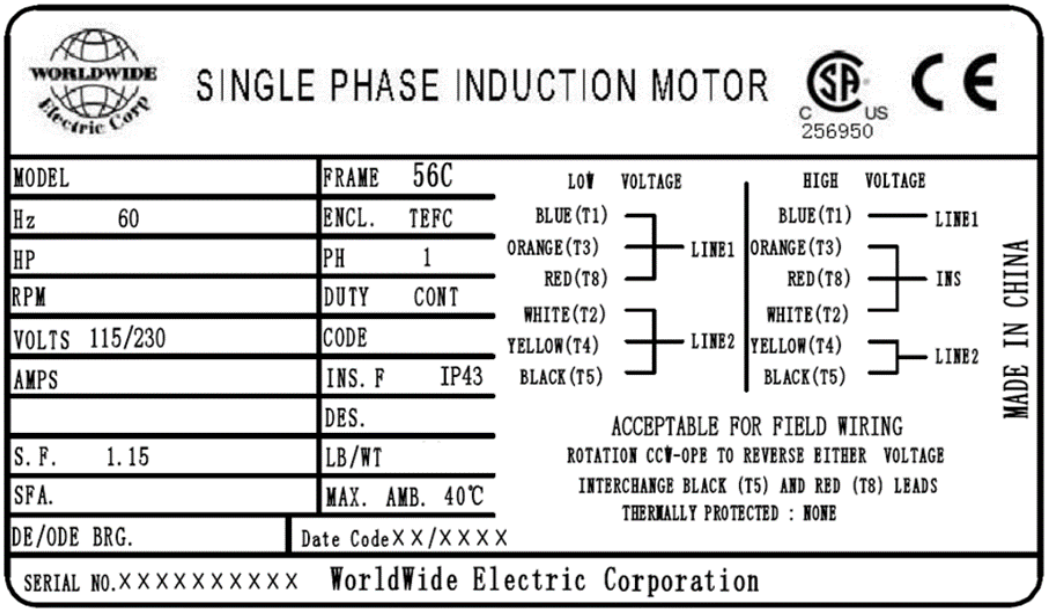
NAMEPLATE / WIRING

Premium Efficiency Motor: **NT13-18-56CB**

WorldWide Electric Corporation
1 (800) 808-2131
Worldwideelectric.net

Document Generated: 5-Sep-2023 Document ID:	Customer:

SAMPLE NAMEPLATE DATA



Model	NT13-18-56CB	**Frame**	56C
Hz	60 Hz	**Encl**	TEFC
HP	1/3	**PH**	1
RPM	1725	**DUTY**	CONT
Voltage	115/230	**Code**	N
Amps	5.2/2.6	**Ins Cl**	F
S.F.	1.15	**IP**	IP43
SFA.	5.6/2.8	**DES.**	N
DE Brng	6203 2RS	**WT:**	22 lbs.
ODE Brng	6203 2RS		

This document is the property of WorldWide Electric Corporation and may not be reproduced without express authorization