

DATA SHEET

Premium Efficiency Motor: **NT1.5-18-56CB**

60 Hz

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



Document Generated: 5-Sep-2023

Document ID:

Customer:

MOTOR INFORMATION

HP	1.5
RPM	1800
Phase	1
Frequency	60 Hz
Voltage	115/230
Frame Size	56HC
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	K
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

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	75.8 %	83.8
75%	75.5 %	77.4
50%	71.8 %	65.9

TORQUE

FULL LOAD	LRT	BDT
4.49 lb.ft.	310 %	215 %

AMPERAGE INFORMATION

	115V	230V
Full Load Amps	14.5	7.3
Locked Rotor Amps	110.3	55.2
No Load Current	11.44	5.72
Usable at 208V	8.5A	

BEARING INFORMATION

DE Bearing	6203 2RS
ODE Bearing	6203 2RS

CAPACITOR INFORMATION

Start Capacitor	(1)900uF/165V
Run Capacitor	(1)40uF/250V

ADDITIONAL DATA

F2 Suitable	No
Shaft Material	1045 Carbon Steel
Connection Diagram	115/230V - 6 Lead
Approximate Weight	37 lbs.

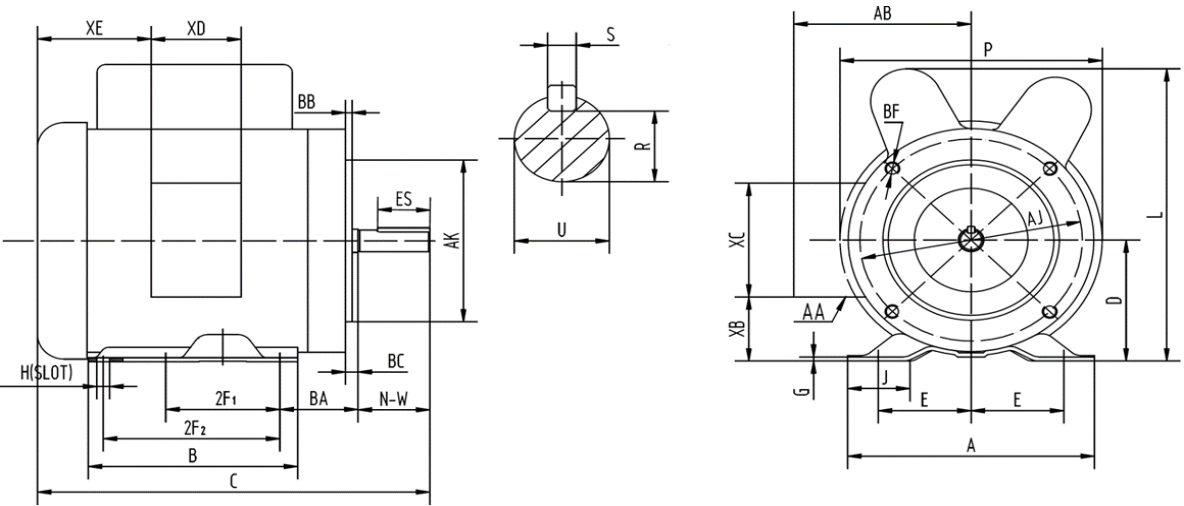
MOTOR DRAWING

Premium Efficiency Motor: **NT1.5-18-56CB**

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	12.9	3.5	0.12	8.7	8.2	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

NAMEPLATE / WIRING

Premium Efficiency Motor: **NT1.5-18-56CB**

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



Document Generated: 5-Sep-2023

Document ID:

Customer:

SAMPLE NAMEPLATE DATA

MODEL		FRAME 56C		LOW VOLTAGE		HIGH VOLTAGE	
Hz	60	ENCL.	TEFC	BLUE (T1)	LINE1	BLUE (T1)	LINE1
HP		PH	1	ORANGE (T3)		ORANGE (T3)	INS
RPM		DUTY	CONT	RED (T8)	LINE2	RED (T8)	
VOLTS	115/230	CODE		WHITE (T2)		WHITE (T2)	
AMPS		INS. F	IP43	YELLOW (T4)	YELLOW (T4)		
		DES.		BLACK (T5)	BLACK (T5)		
S. F.	1.15	LB/WT		ACCEPTABLE FOR FIELD WIRING			
SFA.		MAX. AMB.	40°C	ROTATION CCW-OPE TO REVERSE EITHER VOLTAGE			
DE/ODE BRG.		Date Code	XX/XXXXXX	INTERCHANGE BLACK (T5) AND RED (T8) LEADS			
SERIAL NO. XXXXXXXXXX				THERMALLY PROTECTED : NONE			

WorldWide Electric Corporation

MADE IN CHINA

Model	NT1.5-18-56CB	Frame	56HC
Hz	60 Hz	Encl	TEFC
HP	1.5	PH	1
RPM	1725	DUTY	CONT
Voltage	115/230	Code	K
Amps	14.5/7.3	Ins Cl	F
S.F.	1.15	IP	IP43
SFA.	16.4/8.2	DES.	L
DE Brng	6203 2RS	WT:	37 lbs.
ODE Brng	6203 2RS		