

# DATA SHEET

Premium Efficiency Motor: **OJ1.5-36-56CRD,**

**60 Hz**

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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## MOTOR INFORMATION

HP	1.5
RPM	3600
Phase	1
Frequency	60 Hz
Voltage	115/230
Frame Size	56C
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.30
Poles	2
Full Load Speed	3535
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	J
Duty Cycle	S1 / Continuous
Slip	1.85%
NEMA Design	L
Moment of Inertia	0.0536 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	78 dB(A)
Number of Starts	2
Max Ambient Temperature	40°C
Max Elevation	1000 m.a.s.l (3300 f.a.s.l)
Mounting	F1
Rotation	CW Facing ODE
Area of Classification	Safe
Inverter Rating	N/A
Standard	NEMA MG-1
Approvals	UL

## EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	81.5 %	0.88
75%	80.5 %	0.83
50%	76.1 %	0.75

## TORQUE

FULL LOAD	LRT	BDT
2.194 lb.ft.	245 %	253 %

## AMPERAGE INFORMATION

	115V	230V
Full Load Amps	13.396A	6.698A
Locked Rotor Amps	99.64A	49.82A
No Load Current	5.902A	2.951A
Usable at 208V	7.4A	

## BEARING INFORMATION

DE Bearing	6203-ZZ
ODE Bearing	6203-ZZ
Grease Type	NS7 ENS
DE Regreasing Interval	- Hours
ODE Regreasing Interval	- Hours
Grease Quantity	-

## CAPACITOR INFORMATION

Start Capacitor	1 - 300-360µf/125V
Run Capacitor	1 - 30µf/250V

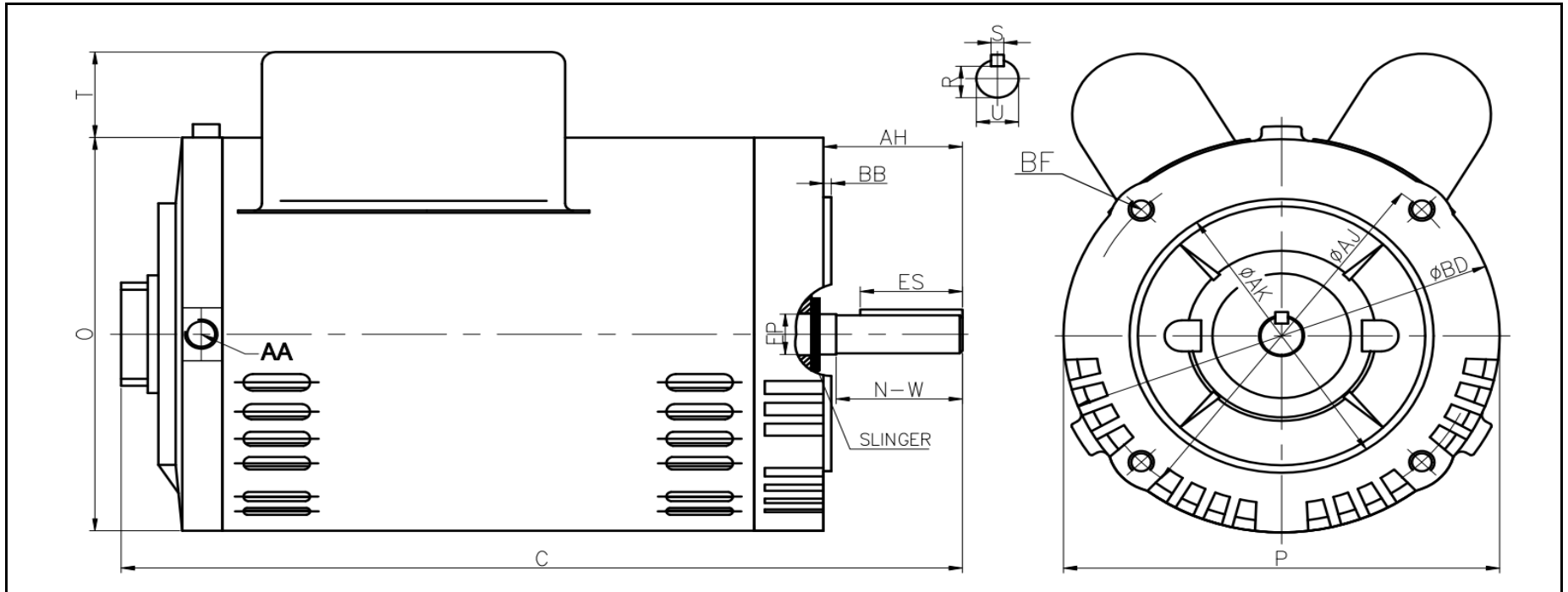
## ADDITIONAL DATA

F2 Suitable	No
Shaft Material	S45C + SUS304
Connection Diagram	115 / 230 V - 3 Lead
Approximate Weight	30.9 lbs.

# ODP Jet Pump Motor Drawing

## 56CRD

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### DIMENSIONS - INCHES

C	P	O	T	AA
12.5	6.5	6.5	1.4	1/2 NPT

SHAFT & KEY						
S	ES	R	N-W	U	AH	EP
0.188	1.41	0.517	1.88	0.625	2.06	0.66

FLANGE				
AK	BD	AJ	BF	BB
4.5	6.5	5.875	4*3/8-16 UNC	0.12

REVISED - 5/4/2022

# NAMEPLATE / WIRING

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## SAMPLE NAMEPLATE DATA

		<b>OPEN DRIP PROOF SINGLE PHASE JET PUMP MOTOR</b>							
Model :		Encl : ODP		SN :			CW ROTATION OPE		
HP :	Poles : 2	FR :	Ins : F	IP 23	Max Amb 40°C	Duty : Cont	<b>HIGH VOLTAGE</b> ② ① — L1 T8 — ④ — L2 T2 — T3 — ③		
Hz : 60	CODE:			Design :			<b>LOW VOLTAGE</b> ② — T3 L1 — ① L2 — ④ — T8 T2 — ③		
Volts :	P.F. :			DE BRG :					
Amps :	Eff :			ODE BRG :					
RPM :	S.F. :			WT : LBS					
Usable on 208V 60Hz network at ___ Amps				S.F.A :		Date :			
<b>WorldWide Electric Corporation</b>									

<b>Model</b>	OJ1.5-36-56CRD		
<b>HP</b>	1.5	<b>Frame</b>	56C
<b>Hz</b>	60 Hz	<b>Code</b>	J
<b>Voltage</b>	115/230	<b>P.F.</b>	0.88
<b>Amps</b>	13.396A/6.698A	<b>Nom.Eff.</b>	81.5%
<b>RPM</b>	3535	<b>S.F.</b>	1.3
		<b>S.F.A</b>	8.689A
<b>Usable on 208V 60Hz Network at</b>	7.4A		
<b>Design</b>	L	<b>DE Brg</b>	6203-ZZ
<b>ODE Brg</b>	6203-ZZ	<b>WT</b>	30.9 lbs.