

# DATA SHEET

Premium Efficiency Motor: **OJ2-36-56JRD,**

**60 Hz**

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



Document Generated: 30-Mar-2023

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## MOTOR INFORMATION

HP	2
RPM	3600
Phase	1
Frequency	60 Hz
Voltage	115/230
Frame Size	56J
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.20
Poles	2
Full Load Speed	3525
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	H
Duty Cycle	S1 / Continuous
Slip	2.03%
NEMA Design	L
Moment of Inertia	0.069 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%	82.9 %	0.96
75%	83.5 %	0.95
50%	79.0 %	0.93

## TORQUE

FULL LOAD	LRT	BDT
2.998 lb.ft.	277 %	244 %

## AMPERAGE INFORMATION

	115V	230V
Full Load Amps	16.106A	8.053A
Locked Rotor Amps	123.26A	61.63A
No Load Current	4.13A	2.065A
Usable at 208V	8.9A	

## 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 - 400-480µf/250V
Run Capacitor	1 - 60µf/250V

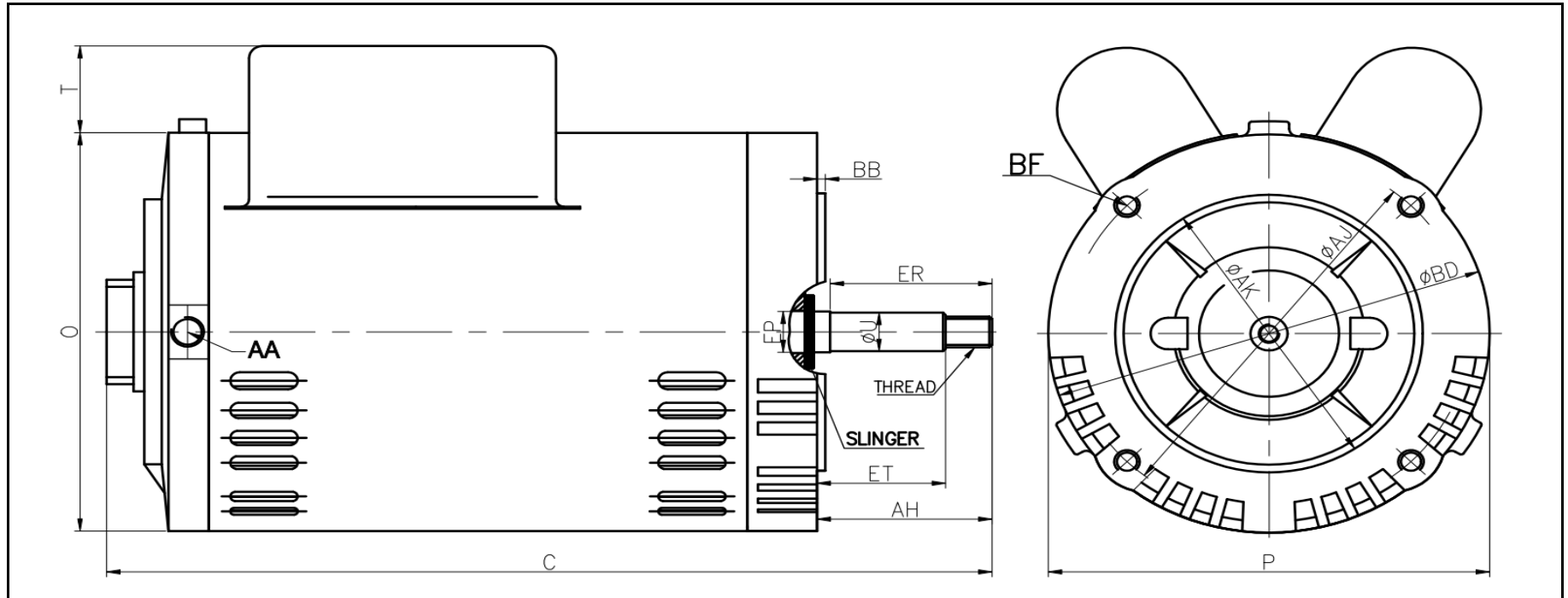
## ADDITIONAL DATA

F2 Suitable	No
Shaft Material	S45C + SUS304
Connection Diagram	115 / 230 V - 3 Lead
Approximate Weight	35.6 lbs.

# ODP Jet Pump Motor Drawing

## 56JRD

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### DIMENSIONS - INCHES

C	P	O	T	AA
13.8	6.5	6.5	1.4	1/2 NPT

SHAFT & KEY					
EP	ET	ER	AH	U	THREAD
0.66	1.88	2.37	2.56	0.625	7/16-20 2A UNF

FLANGE				
AK	BD	AJ	BF	BB
4.5	6.5	5.875	4*3/8-16 UNC	0.16

# NAMEPLATE / WIRING

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## SAMPLE NAMEPLATE DATA

		<b>OPEN DRIP PROOF SINGLE PHASE JET PUMP MOTOR</b>						
Model :		Encl : ODP		SN :			<b>CW ROTATION OPE</b>  <b>HIGH VOLTAGE</b> ② ① — L1 T8 — ④ — L2 T2 — T3 — ③	
HP :	Poles : 2	FR :	Ins : F	IP 23	Max Amb 40°C	Duty : Cont		
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			
		S.F.A :		Date :				
<b>WorldWide Electric Corporation</b>								

<b>Model</b>	OJ2-36-56JRD	<b>Frame</b>	56J	<b>Design</b>	L
<b>HP</b>	2	<b>Code</b>	H	<b>DE Brg</b>	6203-ZZ
<b>Hz</b>	60 Hz	<b>P.F.</b>	0.96	<b>ODE Brg</b>	6203-ZZ
<b>Voltage</b>	115/230	<b>Nom.Eff.</b>	82.9%	<b>WT</b>	35.6 lbs.
<b>Amps</b>	16.106A/8.053A	<b>S.F.</b>	1.2		
<b>RPM</b>	3525	<b>S.F.A</b>	9.72A		