

DATA SHEET

Premium Efficiency Motor: **ODPJ5-36-56JB**

60 Hz

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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Customer:

MOTOR INFORMATION

HP	5
RPM	3600
Phase	3
Frequency	60
Voltage	230/460
Frame Size	56J
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.15
Poles	2
Full Load Speed	3495
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	J
Duty Cycle	S1 / Continuous
Slip	2.87%
NEMA Design	B
Moment of Inertia	0.105012665625 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	82 dB(A)
Number of Starts/Hour (Hot)	2
Max Ambient Temperature	40°C
Max Elevation	3300 FASL
Mounting	F1
Rotation	Bi-Directional
Area of Classification	Safe
Inverter Rating	N/A
Standard	NEMA
Approvals	UL

EFFICIENCY/POWER FACTOR

LOAD	EFF	P. F.
100%	86.5 %	0.89
75%	90.2 %	0.85
50%	89.6 %	0.76

TORQUE

FULL LOAD	LRT	BDT
7.461 lb.ft.	286 %	368 %

AMPERAGE INFORMATION

	230V	460V
Full Load Amps	11.656A	5.828A
Locked Rotor Amps	95.42A	47.71A
No Load Current	4.222A	2.111A
Usable at 208V	12.9 A	

BEARING INFORMATION

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

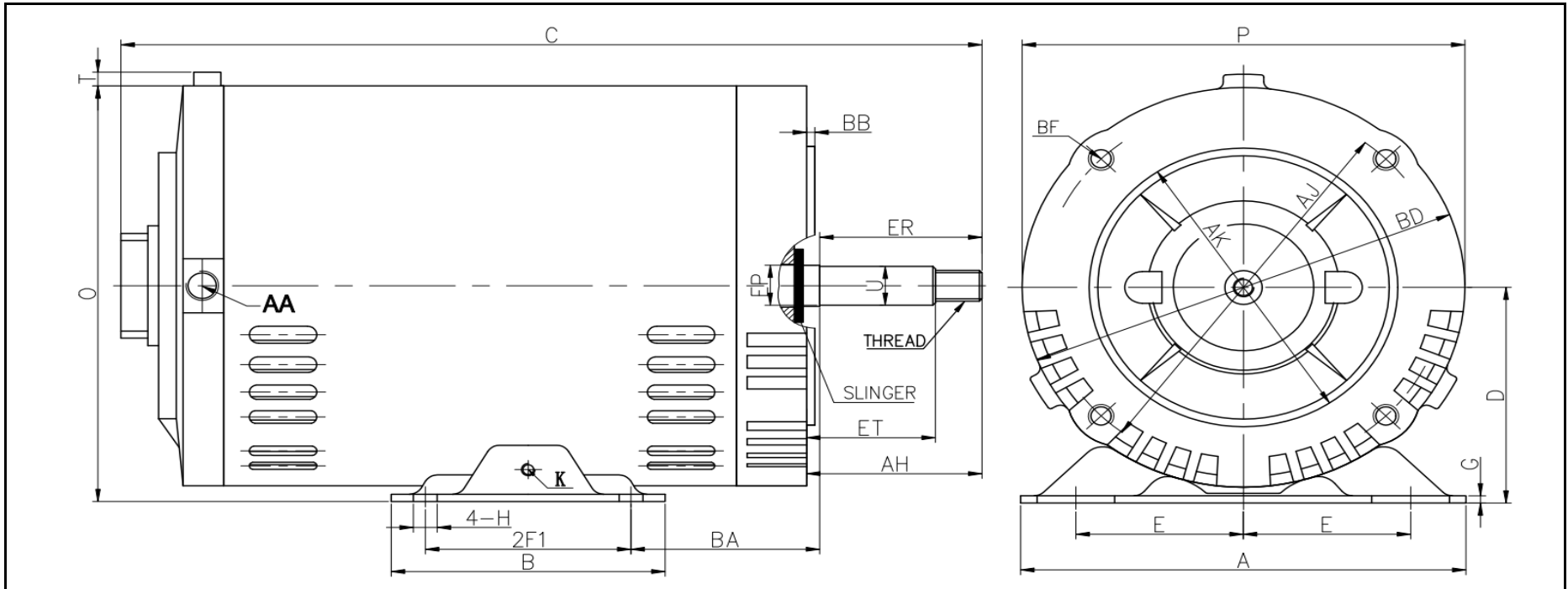
ADDITIONAL DATA

F2 Suitable	No
Shaft Material	S45C+SUS304
Connection Diagram	9 Lead Wye
Approximate Weight	51.7 lbs.

ODP Jet Pump Motor Drawing

56JB

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DIMENSIONS - INCHES

MOUNTING				A	B	C	D	G	P	O	T	Ground Lug K	AA
E	2F1	H	BA										
2.44	3	0.34	2.75	6.3	4	14.6	3.5	0.08	6.5	6.7	0.23	M5	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

		OPEN DRIP PROOF THREE PHASE JET PUMP MOTOR						
Model :		Encl : ODP		SN :				
HP :	Poles : 2	FR :	Ins : F	IP 23	Max Amb 40°C	Duty : Cont		
Hz : 60	CODE :			Design :		L1 L2 L3 208-230 V		
Volts :	P.F. :			DE BRG :				
Amps :	Eff :			ODE BRG :		L1 L2 L3 460 V		
RPM :	S.F. :			WT : LBS				
Usable on 208V 60Hz network at ___ Amps				S.F.A :		Date :		
WorldWide Electric Corporation								

Model	ODPJ5-36-56JB	FR:	56J	Design:	B
HP:	5	CODE:	J	DE BRG:	6203-ZZ
Volts:	230/460V	P.F.:	0.89	ODE BRG:	6203-ZZ
Amps:	11.66/5.83A	Eff:	86.5%	WT:	51.7 lbs.
RPM:	3495	S.F.:	1.15		
		S.F.A:	6.66A		
Usable on 208V 60Hz Network at			12.9 A		