

DATA SHEET

Premium Efficiency Motor: **CDM5-36-56HZ,**

60 Hz

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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Customer:

MOTOR INFORMATION	
HP	5
RPM	3600
Phase	1
Frequency	60 Hz
Voltage	230
Frame Size	56HZ
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.15
Poles	2
Full Load Speed	3527
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	G
Duty Cycle	S1 / Continuous
Slip	2.02%
NEMA Design	L
Moment of Inertia	0.1221 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	76 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	Bi-Directional
Area of Classification	Safe
Inverter Rating	None
Standard	NEMA MG-1
Approvals	UL

EFFICIENCY/POWER FACTOR		
LOAD	EFF	P. F.
100%	86.5 %	0.98
75%	85.7 %	0.98
50%	81.8 %	0.97

TORQUE		
FULL LOAD	LRT	BDT
7.395 lb.ft.	188 %	213 %

AMPERAGE INFORMATION		
	115V	230V
Full Load Amps	-A	19A
Locked Rotor Amps	-A	131.9A
No Load Current	-A	3.32A
Usable at 208V	21A	

BEARING INFORMATION	
DE Bearing	6205-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/330V
Run Capacitor	1 - 60µF/450V

ADDITIONAL DATA	
F2 Suitable	No
Shaft Material	AISI 1045
Connection Diagram	230 V
Approximate Weight	62 lbs.



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**AC-DC MOTORS :: SALES & SERVICE
REWINDING :: CUSTOM CONTROL PANEL**

Kelly MacMillan
Office Ph: 888-226-4917
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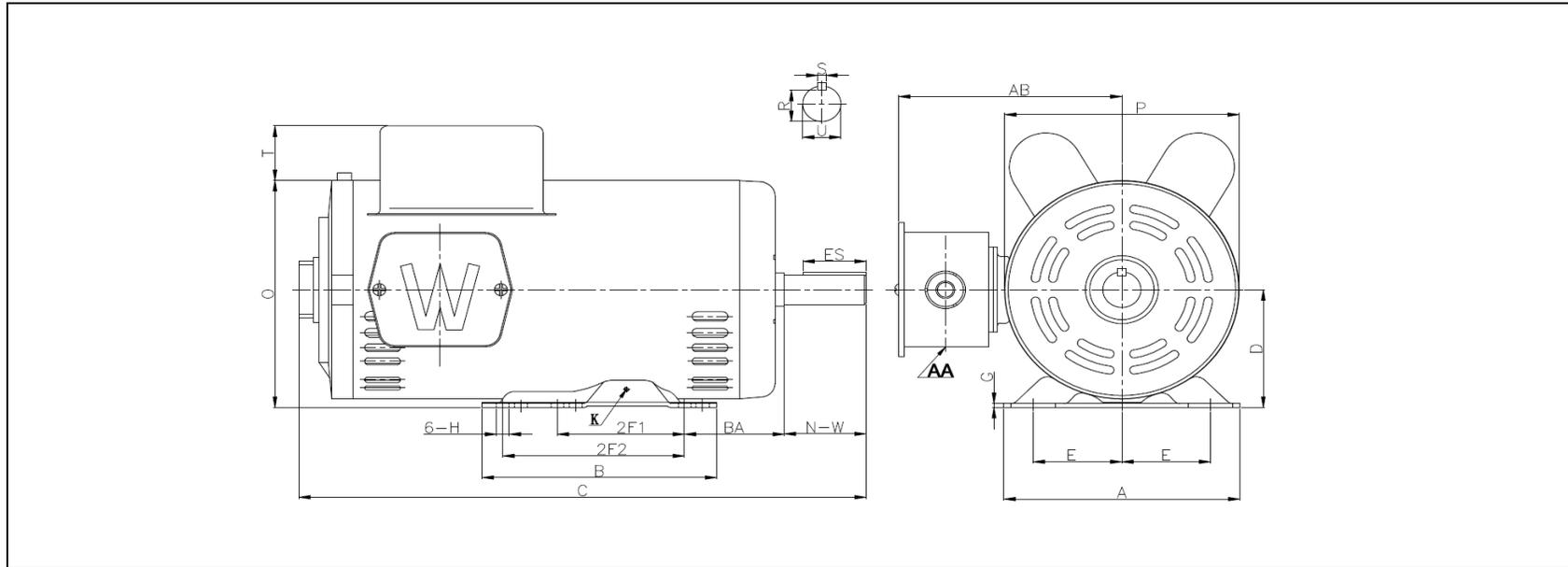
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MOTOR DRAWING

Premium Efficiency Motor: **CDM5-36-56HZ**



DIMENSION - INCHES

MOUNTING					A	B	C	D	G	P	O	T	AB
E	2F1	2F2	H	BA									
2.44	3	5	0.34	2.75	6.5	6.5	15.8	3.5	0.12	6.5	6.7	1.6	6.2

SHAFT & KEY				
S	ES	R	N-W	U
0.188	1.41	0.771	2.25	0.875

TERMINAL BOX	K - GND
AA	LUG
3x0.88"/2x1.109"	M5

NAMEPLATE / WIRING

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SAMPLE NAMEPLATE DATA

		OPEN DRIP PROOF SINGLE PHASE INDUCTION MOTOR							
						Model :		SN :	
HP :		Encl : ODP		IP 23				CONNECTED FOR CCW ROTATION FACING OPPOSITE DRIVE END TO REVERSE ROTATION INTERCHANGE LEAD 5 & 8 MOTOR MUST BE GROUNDED. USE GREEN LEAD IF SUPPLIED PER THE NATIONAL ELECTRICAL CODE	
Hz :		FR :		Eff : %					
Volts :		Ins : F		P.F. :		WORLDWIDE Electric Corporation			
Amps :		CODE : G		DE BRG :					
RPM :		WT : LBS		ODE BRG :					
SF :		Max Amb 40°C – CONT		Date :					

Model	CDM5-36-56HZ	Poles	2
HP	5	Encl	ODP
Hz	60 Hz	IP	23
Voltage	230	Eff	86.5%
Amps	-A/19A	P.F.	0.98
RPM	3527	DE Brg	6205-ZZ
S.F.	1.15	ODE Brg	6203-ZZ
		Code	G
		WT	62 lbs.



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