

# DATA SHEET

Premium Efficiency Motor: **CDM5-18-184T,**

**60 Hz**

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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Customer:

MOTOR INFORMATION	
HP	5
RPM	1800
Phase	1
Frequency	60 Hz
Voltage	230
Frame Size	184T
Enclosure	ODP
Degree of Protection	IP23
Service Factor	1.15
Poles	4
Full Load Speed	1765
Insulation Class	F
Temp Rise	80°C
NEMA Code Letter	G
Duty Cycle	S1 / Continuous
Slip	1.93%
NEMA Design	L
Moment of Inertia	0.496 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	70 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%	87.5 %	0.93
75%	87.4 %	0.93
50%	84.3 %	0.90

TORQUE		
FULL LOAD	LRT	BDT
14.775 lb.ft.	344 %	237 %

AMPERAGE INFORMATION		
	115V	230V
Full Load Amps	-A	19.7A
Locked Rotor Amps	-A	129.7A
No Load Current	-A	4.65A
Usable at 208V		21.8A

BEARING INFORMATION	
DE Bearing	6306-ZZ
ODE Bearing	6206-ZZ
Grease Type	NS7 ENS
DE Regreasing Interval	- Hours
ODE Regreasing Interval	- Hours
Grease Quantity	-

CAPACITOR INFORMATION	
Start Capacitor	1 - 250-300µF/300V
Run Capacitor	1 - 40µF/450V

ADDITIONAL DATA	
F2 Suitable	No
Shaft Material	AISI 1045
Connection Diagram	230 V
Approximate Weight	100.1 lbs.



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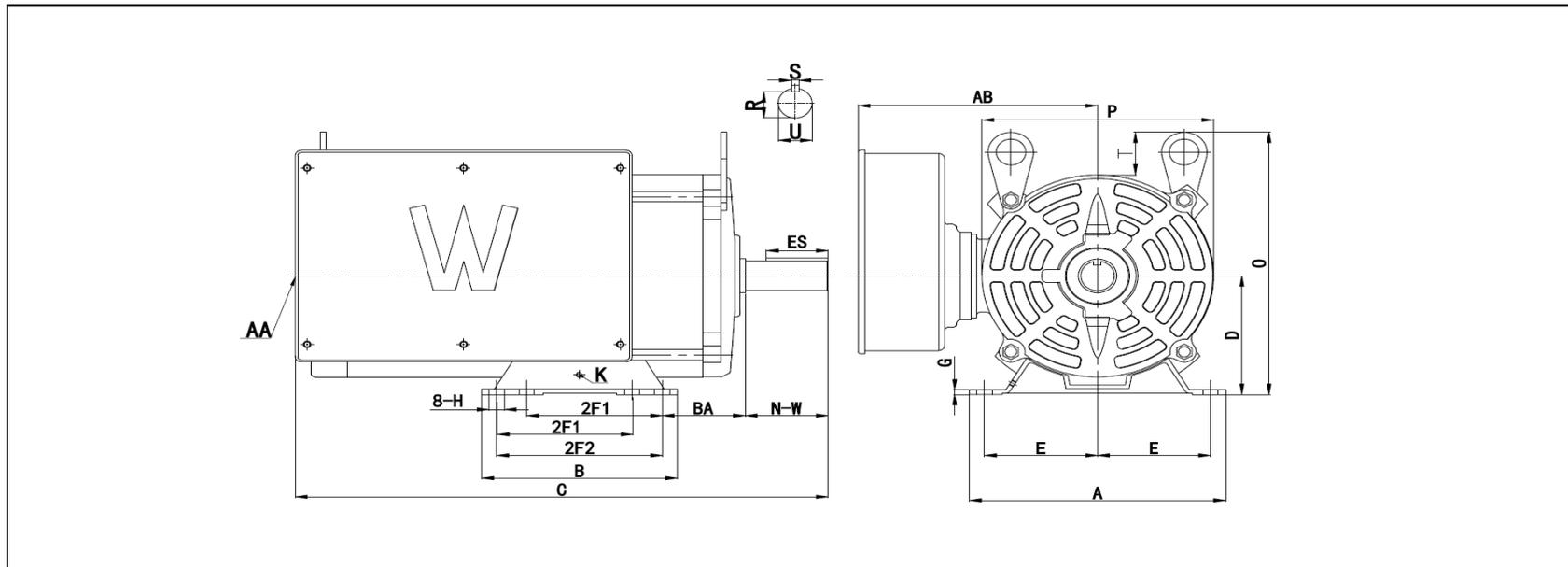
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# MOTOR DRAWING

Premium Efficiency Motor: **CDM5-18-184T**



## DIMENSION - INCHES

MOUNTING					A	B	C	D	G	P	O	T	AB
E	2F1	2F2	H	BA									
3.75	4.5	5.5	0.41	2.75	8.5	6.5	17.8	4.5	0.12	7.7	10	1.6	8

SHAFT & KEY				
S	ES	R	N-W	U
0.25	1.78	0.986	2.75	1.125

TERMINAL BOX	K - GND
AA	LUG
3/4"-14 NPT	M5

# NAMEPLATE / WIRING

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## SAMPLE NAMEPLATE DATA

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

<b>Model</b>	CDM5-18-184T	<b>Poles</b>	4
<b>HP</b>	5	<b>Encl</b>	ODP
<b>Hz</b>	60 Hz	<b>IP</b>	23
<b>Voltage</b>	230	<b>Frame</b>	184T
<b>Amps</b>	-A/19.7A	<b>Eff</b>	87.5%
<b>RPM</b>	1765	<b>P.F.</b>	0.93
<b>S.F.</b>	1.15	<b>Code</b>	G
		<b>DE Brg</b>	6306-ZZ
		<b>WT</b>	100.1 lbs.
		<b>ODE Brg</b>	6206-ZZ



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