

DATA SHEET

Premium Efficiency Motor: **CDM10-18-215T,**

60 Hz

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



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MOTOR INFORMATION

HP	10
RPM	1800
Phase	1
Frequency	60 Hz
Voltage	230
Frame Size	215T
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	C
Duty Cycle	S1 / Continuous
Slip	1.96%
NEMA Design	L
Moment of Inertia	1.191 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%	87.7 %	0.96
75%	88.2 %	0.96
50%	85.2 %	0.94

TORQUE

FULL LOAD	LRT	BDT
29.956 lb.ft.	183 %	234 %

AMPERAGE INFORMATION

	115V	230V
Full Load Amps	-A	38.7A
Locked Rotor Amps	-A	171.7A
No Load Current	-A	8.512A
Usable at 208V		42.8A

BEARING INFORMATION

DE Bearing	6308-ZZ
ODE Bearing	6206-ZZ
Grease Type	NS7 ENS
DE Regreasing Interval	- Hours
ODE Regreasing Interval	- Hours
Grease Quantity	-

CAPACITOR INFORMATION

Start Capacitor	2 - 400-480µF/330V
Run Capacitor	2 - 60µF/500V

ADDITIONAL DATA

F2 Suitable	No
Shaft Material	AISI 1045
Connection Diagram	230 V
Approximate Weight	148.5 lbs.



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REWINDING :: CUSTOM CONTROL PANEL**

Kelly MacMillan

Office Ph: 888-226-4917

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MOTOR DRAWING

Premium Efficiency Motor: **CDM10-18-215T**



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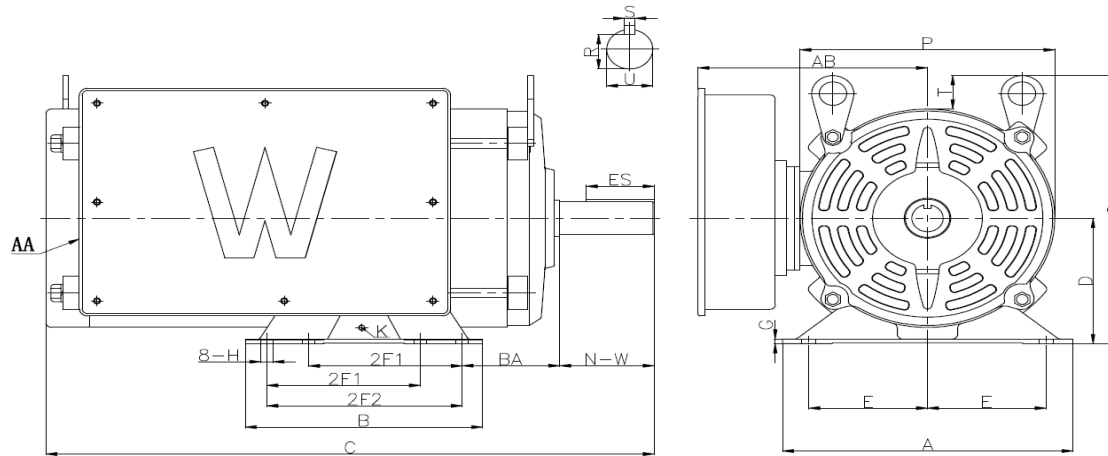
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DIMENSION - INCHES

MOUNTING					A	B	C	D	G	P	O	T	AB
E	2F1	2F2	H	BA									
4.25	5.5	7	0.41	3.5	10.5	8.5	21.8	5.25	0.16	9.2	11.3	1.4	8.3

SHAFT & KEY				
S	ES	R	N-W	U
0.312	2.41	1.201	3.38	1.375

TERMINAL BOX	K - GND LUG
AA	
1'-11 NPT	M5

NAMEPLATE / WIRING

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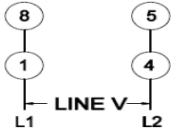
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SAMPLE NAMEPLATE DATA

		OPEN DRIP PROOF SINGLE PHASE INDUCTION MOTOR			
Model :		SN :		Poles :	
HP :		Encl : ODP		IP 23	
Hz :		FR :		Eff : %	
Volts :		Ins :		P.F. :	
Amps :		CODE :		DE BRG :	
RPM :		WT : LBS		ODE BRG :	
SF :		Max Amb 40°C - CONT		Date :	
WorldWide Electric Corporation					
RATED VOLTAGE					
					
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					

Model	CDM10-18-215T	Poles	4
HP	10	IP	23
Hz	60 Hz	Eff	87.7%
Voltage	230	P.F.	0.96
Amps	-A/38.7A	DE Brg	6308-ZZ
RPM	1765	ODE Brg	6206-ZZ
S.F.	1.15		
Encl	ODP		
Frame	215T		
Ins	F		
Code	C		
WT	148.5 lbs.		



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