

DATA SHEET

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



Premium Efficiency Motor: **IEC5.5-36-112,**

50 Hz

Document Generated: 10-Mar-2022
Document ID:

Customer:

MOTOR INFORMATION	
HP	5
RPM	3000
Phase	3
Frequency	50
Voltage	190/380
Frame Size	112M
Enclosure	TEFC
Degree of Protection	IP55
Service Factor	1.00
Poles	2
Full Load Speed	2927
Insulation Class	F
Temp Rise	80°C
IEC Code Letter	H
Duty Cycle	S1
Slip	2.42%
IEC Design	N
Moment of Inertia	0.1804 lb.ft.^2
Locked Rotor Time (Hot)	12 seconds
Sound Pressure Level	88 dB(A)
Number of Starts	2 Hot / 3 Cold
Max Ambient Temperature	40° C
Max Elevation	1000 m.a.s.l (3300 f.a.s.l)
Mounting	F3
Rotation	Bidirectional
Area Classification	Safe
Inverter Rating	10:1 CT/20:1 VT
Standard	IEC 60034 and IEC 60072
Approvals	UL, CE

EFFICIENCY/POWER FACTOR		
LOAD	EFF	P. F.
100%	88.10	0.86
75%	88.41	0.80
50%	87.16	0.69

TORQUE		
FULL LOAD	LRT	BDT
9.965 lb.ft.	175%	296%

AMPERAGE INFORMATION		
	190V	380V
Full Load Amps	14.87	7.43
Locked Rotor Amps	99.18	45.59
No Load Current	6.67	3.34

BEARING INFORMATION	
DE Bearing	6306 ZZ
ODE Bearing	6305 ZZ
Grease Type	NS7
DE Regreasing Interval	-- Hours
ODE Regreasing Interval	-- Hours
Grease Quantity	--

ADDITIONAL DATA	
F2 Suitable	Yes
Shaft Material	AISI 1040/45
Connection Diagram	9 Lead Wye
Approximate Weight	TBD kg