

SPECIFICATION TABLE OF 3-PHASE SQUIRREL CAGE INDUCTION MOTOR	CUSTOMER		USER	
	INQ. NO.	I1190070-01-00	EQUIPMENT	
	JOB NO.		MACHINE	
	TOTAL SETS		ITEM NO.	

Item	Terms	Description				
1	Model	AEHFXX				
2	Code or Standard	Dimensions	Frame Assignment	Performance	Test	
		CNS	CNS	CNS	CNS	
3	Rating	3.7 kW 4 Pole 220/380 Volt 3 Phase 50 Hz				
4	Service Duty	Continuous Rating , Service Factor 1.0				
5	Starting Method	D.O.L(Direct On Line) or Y-Δ Starting				
6	Rotation	Facing The Drive End : CCW(Counter ClockWise), Available for Bi-Direction				
7	Drive Method	Direct Coupling				
8	Environment	Amb. Temp. : -15 ~ 40 °C				
		Humidity : Less Than 90 %RH				
		Altitude : Up to 1000 M				
9	Enclosure & Protection	IP54 : Totally Enclosed			Indoor	
10	Cooling	IC411 : Self External Fan, Surface Cooling				
11	Mounting	IM2101 : HS, Foot, C-Face				
12	Dimensions	Dr# 31049R354120		Frame No : 112M		
13	Frame & Bracket	Frame : Cast Iron		Bracket : Cast Iron		
14	Fan & Fan Cover	Fan :Plastic		Fan Cover :Steel plate		
15	Terminal Box	Steel plate				
16	Lead Terminals	6				
17	Lubricant	MULTEMP SRL GREASE				
18	Painting	Color : Munsell 7.5B 3.5/0.5				
19	Stator Winding	Ins. Class F				
20	Rotor Conductor	Al-Die Cast		GD^2 : 0.083 kg-m^2		
21	Starting Performance	LRC/FLC 815 %		LRT/FLT	235 %	
22	Operating Performance	Hz/V	50/220	50/380	Break Down Torque 305 %FLT	
		%Load	100			
		Amp.	13.4	7.74		
		*LRC/FLC=Lock Rotor Current/Full Load Current	Eff.%	88.6		Temp. Rise Limit. (Resistance) Stator 80 °C at S.F. 1.0.
		*LRT/FLT=Lock Rotor Torque/Full Load Torque	P.F.%	82.0		
		*FLT=Full Load Torque	R.P.M.	1445		
		23	Approximate Weight	Later		
24	Note	1. Tolerances according to IEC 60034-1.				

APPD.	Tsunghao	MAY. 28 2019	TECO ELEC. & MACH. CO., LTD.	DWG NO.
CHKD.	JEANSM	MAY. 28 2019		31057R001-34301
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