

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

Item	Terms	Description				
1	Model	AESV4S				
2	Code or Standard	Dimensions	Frame Assignment	Performance	Test	
		IEC	IEC	IEC	IEC	
3	Rating	11kW/15HP 4 Pole 400-415 440-460 Volt 3 Phase 50 60 Hz				
4	Service Duty	Continuous Rating , Service Factor 1.0				
5	Starting Method	Full voltage direct on line				
6	Rotation	Facing The Drive End : CW(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	IP66 : Totally Enclosed			Indoor	
10	Cooling	IC411 : Self External Fan, Surface Cooling				
11	Mounting	IM2001 : HS, Foot, Flange				
12	Dimensions	Dr# 32049A20012		Frame No : 160M		
13	Frame & Bracket	Frame : Cast iron		Bracket : Cast iron		
14	Fan & Fan Cover	Fan :Plastic		Fan Cover :Steel plate		
15	Terminal Box	Cast iron				
16	Lead Terminals	(R2-6)X6				
17	Lubricant	--				
18	Painting	Color : MUNSELL 3.5 GY 6.9/0.4				
19	Stator Winding	Ins. Class H Connection:2△/2Y				
20	Rotor Conductor	Al-Die Cast			GD^2 : 0.374 Kg-m^2	
21	Starting & Operating Performance	Hz/V	50/400	50/415	60/440 60/460	
		%Load	100			
		Amp.	20.4	19.6	18.4	17.6
		Eff.%	93.3	93.3	93.6	93.6
		P.F.%	83.5	83.5	84.0	84.0
		R.P.M.	1470	1470	1775	1775
		*LRC/FLC=Lock Rotor Current/Full Load Current	LRC/FLC	850 %	850 %	920 % 920 %
		*LRT/FLT=Lock Rotor Torque/Full Load Torque	LRT/FLT%	250	250	210 210
		*BDT/FLT=Break Down Torque/Full Load Torque	BDT/FLT%	260	260	295 295
		Temp. Rise Limit. (Resistance) Stator 80 °C AT SF1.0				
22	Approximate Weight					
23	Note	1.Tolerances according to IEC60034-1. 2.With thermistor PTC 150°C X3 PCS/SET. 3.With tropical proof.				
		FOR APPROVAL Please confirm or comment, and return within 7 business days. Otherwise, these drawings will be deemed as certified and approved. Approved by : P6257066T1 Order No.				

APPD.	S.XU	JUN. 13 2025	TECO ELEC. & MACH. CO., LTD.	DWG NO.
CHKD.	Lan Yi	JUN. 06 2025		32057R001-45367
DWN.	JunYang Wu	MAY. 27 2025		REV.00 1/1

TECO

OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR

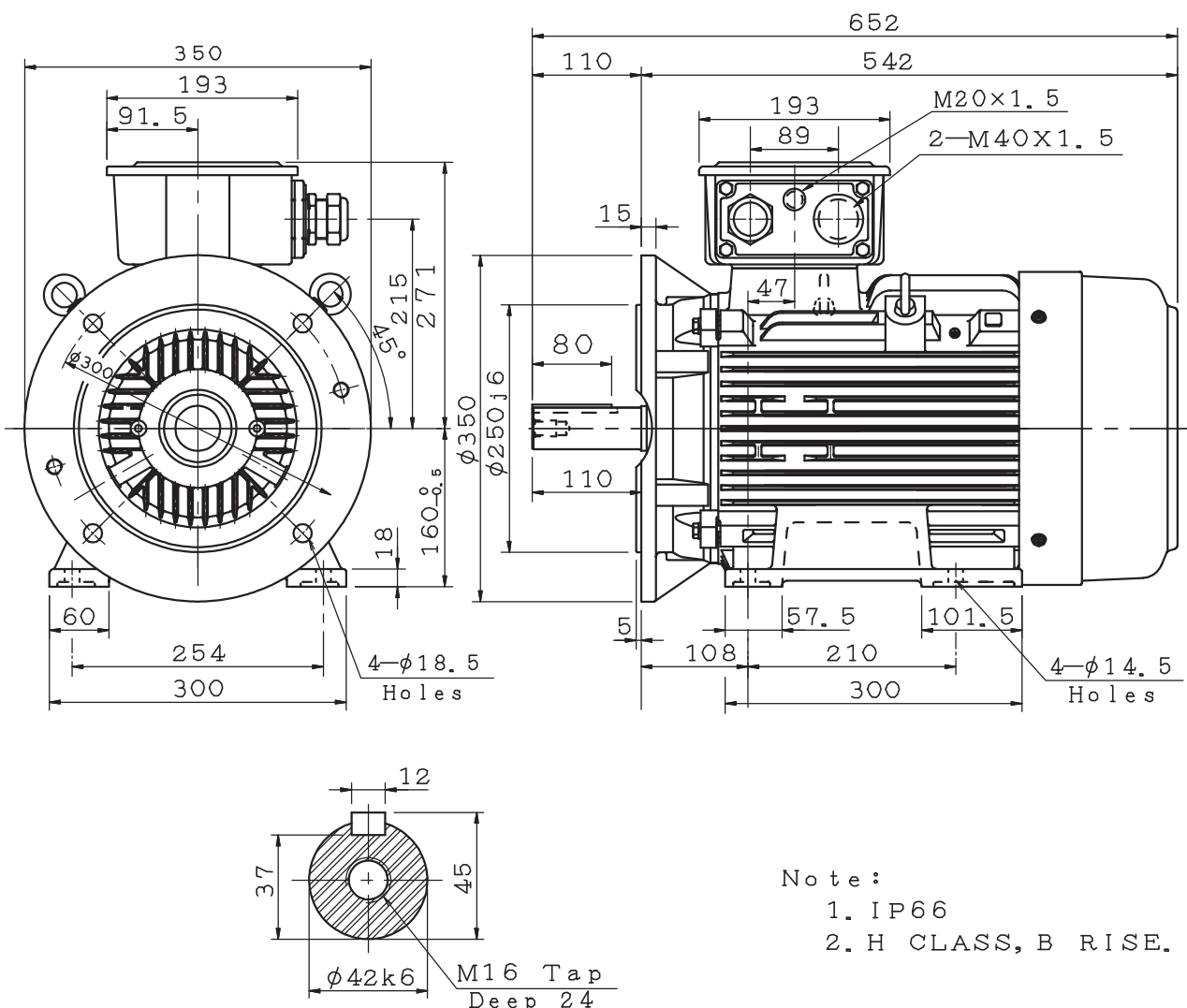
MOTOR TYPE:
AESV4S-YBZ

DATE

FRAME NO. 160M

Pole	HP	kW	Hz	VOLT	r/min
4	15	11	50	380-415/(660-720)	1500
Ins	Rating	Dimension in	Approx Weight	Bearings	
H	CONT.	mm		DE:6309ZZC3 NDE:6307ZZC3	

Totally Enclosed Fan-Cooled Type. Squirrel-Cage Rotor.



Note:
1. IP66
2. H CLASS, B RISE.

FOR APPROVAL

Please confirm or comment, and return within 7 business days. Otherwise, these drawings will be deemed as certified and approved.

Approved by: P6257066T1
Order No.

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DWN.	易藍	06.06.25	東元電機股份有限公司 TECO Electric & Machinery Co., Ltd.	DWG NO.
CHKD.	王貴	06.25.25		32049A200120
APPD.	郭耿良	06.25.25		

WUXI

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