

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	18.5kW/25HP 2 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# 32049A26022		Frame No : 160L		
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	(R3.5-6)X6				
17	Lubricant	--				
18	Painting	Color : MUNSELL 3.5GY 6.9/0.4				
19	Stator Winding	Ins. Class H Connection:Δ/Y				
20	Rotor Conductor	Al-Die Cast			GD^2 : 0.250 Kg-m^2	
21	Starting & Operating Performance	Hz/V	50/400	50/415	60/440 60/460	
		%Load	100			
		Amp.	32.4	31.2	29.3	28.1
		Eff.%	93.7	93.7	93.0	93.0
		P.F.%	88.0	88.0	89.0	89.0
		R.P.M.	2950	2950	3550	3550
		*LRC/FLC=Lock Rotor Current/Full Load Current	LRC/FLC	930 %	930 %	990 % 990 %
		*LRT/FLT=Lock Rotor Torque/Full Load Torque	LRT/FLT%	270	270	220 220
		*BDT/FLT=Break Down Torque/Full Load Torque	BDT/FLT%	350	350	320 320
		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 : P6257060T1 Order No.				

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Approved by : P6257060T1
Order No.

APPD.	S.XU	JUN. 25 2025	TECO ELEC. & MACH. CO., LTD.	DWG NO.
CHKD.	Lan Yi	JUN. 11 2025		32057R001-45377
DWN.	JunYang Wu	MAY. 27 2025		REV.00 1/1

TECO

OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE:

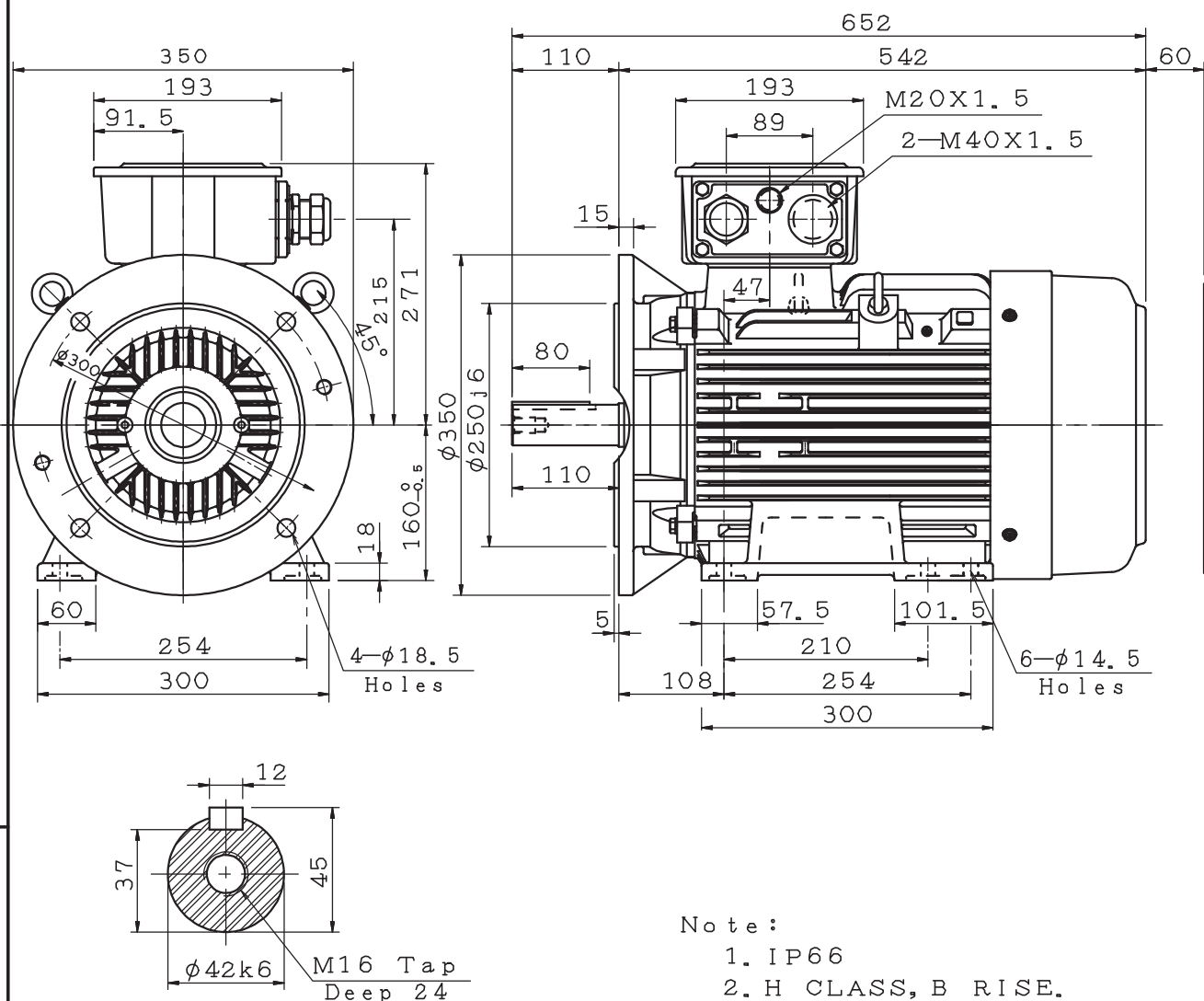
AESV4S-YBZ

DATE

FRAME NO. 160L

Pole	HP	kW	Hz	VOLT	r/min
2	25	18.5	50	380-415/(660-720)	3000
Ins	Rating	Dimension in	Approx Weight	Bearings	
H	CONT.	mm		DE: 6309ZZC3NDE:6307ZZC3	

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



FOR APPROVAL

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Approved by: P6257060T1
Order No.

TTAKG25087-72

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DWN.	易藍	06.09.25	東元電機股份有限公司 TECO Electric & Machinery Co., Ltd. WUXI	DWG NO.
CHKD.	王貴	06.25.25		32049A260220
APPD.	郭耿良	06.25.25		