

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	30kW/40HP 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# 32049A29716		Frame No : 200L		
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	(R8-8)X6				
17	Lubricant	--				
18	Painting	Color : AS2700S-N35(3.5GY 6.9/0.4)				
19	Stator Winding	Ins. Class H Connection:Δ/Y				
20	Rotor Conductor	Al-Die Cast			GD^2 : 1.074 Kg-m^2	
21	Starting & Operating Performance	Hz/V	50/400	50/415	60/440 60/460	
		%Load	100			
		Amp.	49.3	47.5	45.7	43.7
		Eff.%	94.5	94.5	93.6	93.6
		P.F.%	93.0	93.0	92.0	92.0
		R.P.M.	2960	2960	3565	3565
		*LRC/FLC=Lock Rotor Current/Full Load Current	LRC/FLC	780 %	780 %	930 % 930 %
		*LRT/FLT=Lock Rotor Torque/Full Load Torque	LRT/FLT%	155	155	200 200
		*BDT/FLT=Break Down Torque/Full Load Torque	BDT/FLT%	265	265	250 250
		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 : P7257028T1 Order No.				

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APPD.	S.XU	JUN. 18 2025	TECO ELEC. & MACH. CO., LTD.	DWG NO.
CHKD.	Peisheng Qin	JUN. 12 2025		32057R001-45494
DWN.	JunYang Wu	JUN. 05 2025		REV.00 1/1

TECO

OUTLINE DIMENSIONS

3-PHASE INDUCTION MOTOR

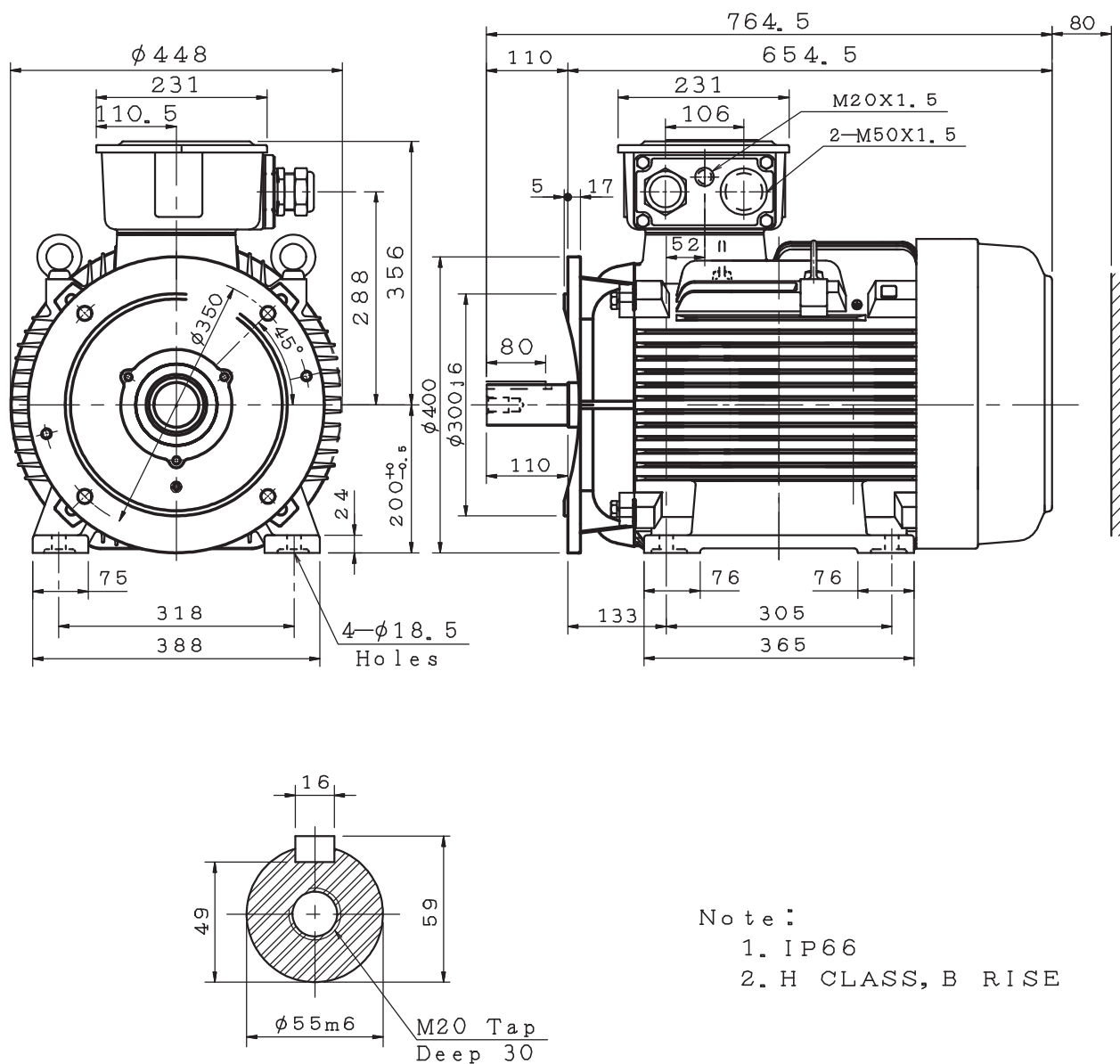
MOTOR TYPE:
AESV4S-YBZ

DATE

FRAME NO. 200L

Pole	HP	kW	Hz	VOLT	r/min
2	40	30	50	380-415/(660-720)	3000
Ins	Rating	Dimension in	Approx Weight	Bearings	
H	CONT.	mm		DE: 6312ZZC3 NDE: 6212ZZC3	

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:
Order No.

P7257028T1

TTAKG25087-31

DWN.	欽佩聖	06.12.25
CHKD.	時墩慶	06.25.25
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WUXI

DWG NO.

32049A297160