

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	75kW/100HP 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	IM1001 : HS, Foot				
12	Dimensions	Dr# 32049A39224		Frame No : 280S		
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	(R22-10)X6				
17	Lubricant	Mobil Polyrex EM Grease				
18	Painting	Color : Munsell 3.5 GY 6.9/0.4				
19	Stator Winding	Ins. Class H Connection:Δ/Y				
20	Rotor Conductor	Al-Die Cast			GD^2 : 8.000 Kg-m^2	
21	Starting & Operating Performance	Hz/V	50/400	50/415	60/440 60/460	
		%Load	100			
		Amp.	129	124	116	111
		Eff.%	96.0	96.0	96.2	96.2
		P.F.%	87.5	87.5	88.0	88.0
		R.P.M.	1488	1488	1785	1785
		LRC/FLC	800 %	800 %	760 %	760 %
		LRT/FLT%	160	160	190	190
		BDT/FLT%	260	260	280	280
		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 : P9257016T1 Order No. Note : [*] at the end represent revised item °				

APPD.	S.XU	JUL. 30 2025	TECO ELEC. & MACH. CO., LTD.	DWG NO.
CHKD.		JUL. 30 2025		32057R001-45572
DWN.	Zong Rui	JUL. 30 2025		REV.01 1/1

TECO

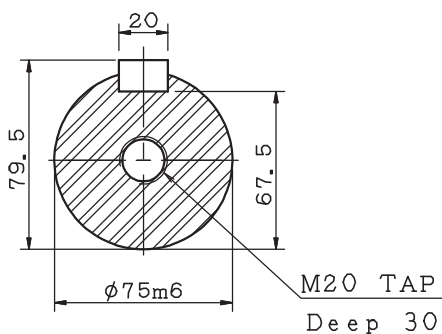
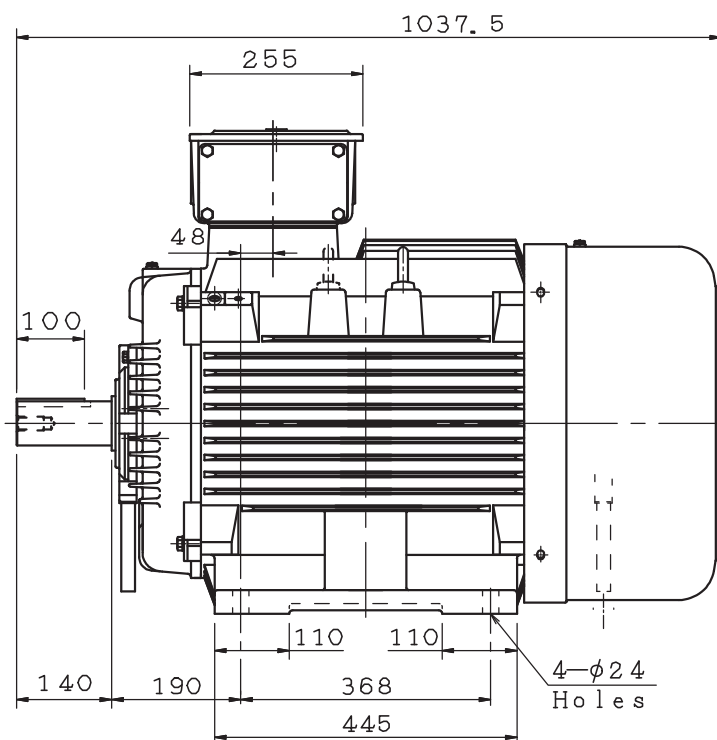
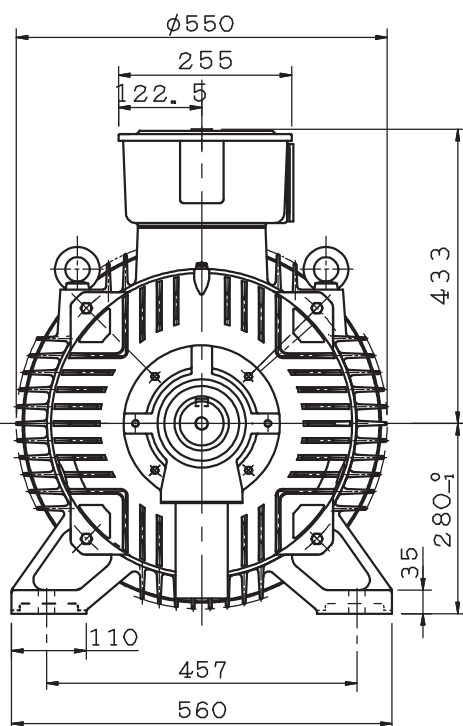
OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR

MOTOR TYPE:
AESV4S-YBY
FRAME NO. 280S

DATE

Pole	HP	kW	Hz	VOLT	r/min
4	100	75	50	380-415/(660-720)	1500
Ins	Rating	Dimension in	Approx Weight	Bearings	
H	CONT.	mm		DE: 6318C3 NDE: 6316C3	

Totally Enclosed Fan Cooled Type. Squirrel-Cage Rotor.



Note:

1. IP66
2. H LASS, B RISE.

FOR APPROVAL

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Approved by: P9257016T1
Order No.

YYAKG25087-17

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DWN.	宗銳	07.30.25	東元電機股份有限公司 TECO Electric & Machinery Co., Ltd. WUXI	DWG NO.
CHKD.	王貴	07.30.25		32049A392240
APPD.	郭耿良	07.30.25		