| 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 | 1.5 kW/ 2 HP 2 Pole 400-415\|440-460Volt 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 ℃ | | | | |
| | | 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 | IM3011:VS,Flange | | | | |
| 12 | Dimensions | Dr# TTAKG25087-037 | | Frame No：90S | | |
| 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 | TO1X6 | | | | |
| 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: 0.0018 Kg-m^2 | |
| 21 | Starting &Operating Performance | Hz/V | 50/400 | 50/415 | 60/440 | 60/460 |
| | | %Load | 100 | | | |
| | | Amp. | 2.94 | 2.84 | 2.7 | 2.6 |
| | | Eff.% | 86.5 | 86.5 | 86.5 | 86.5 |
| | *LRC=Lock Rotor Current | P.F.% | 85 | 85 | 85 | 85 |
| | *LRT/FLT=Lock Rotor Torque/Full Load Torque | R.P.M, | 2905 | 2905 | 2905 | 2905 |
| | *FLT=Full Load Torque | LRC/FLC | 850% | 850% | 850% | 850% |
| | | LRT/FLT% | 230 | 230 | 230 | 230 |
| | | BDT/FLT% | 300 | 300 | 300 | 300 |
| | | Temp.Rise Limit.(Resistance) Stator 80℃ AT SF1.0 | | | | |
| 22 | Approximate Weight | | | | | |
| 23 | Note | 1.Tolerances according to IEC60034-1.<br>2.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 :
Order No. P2257447T1

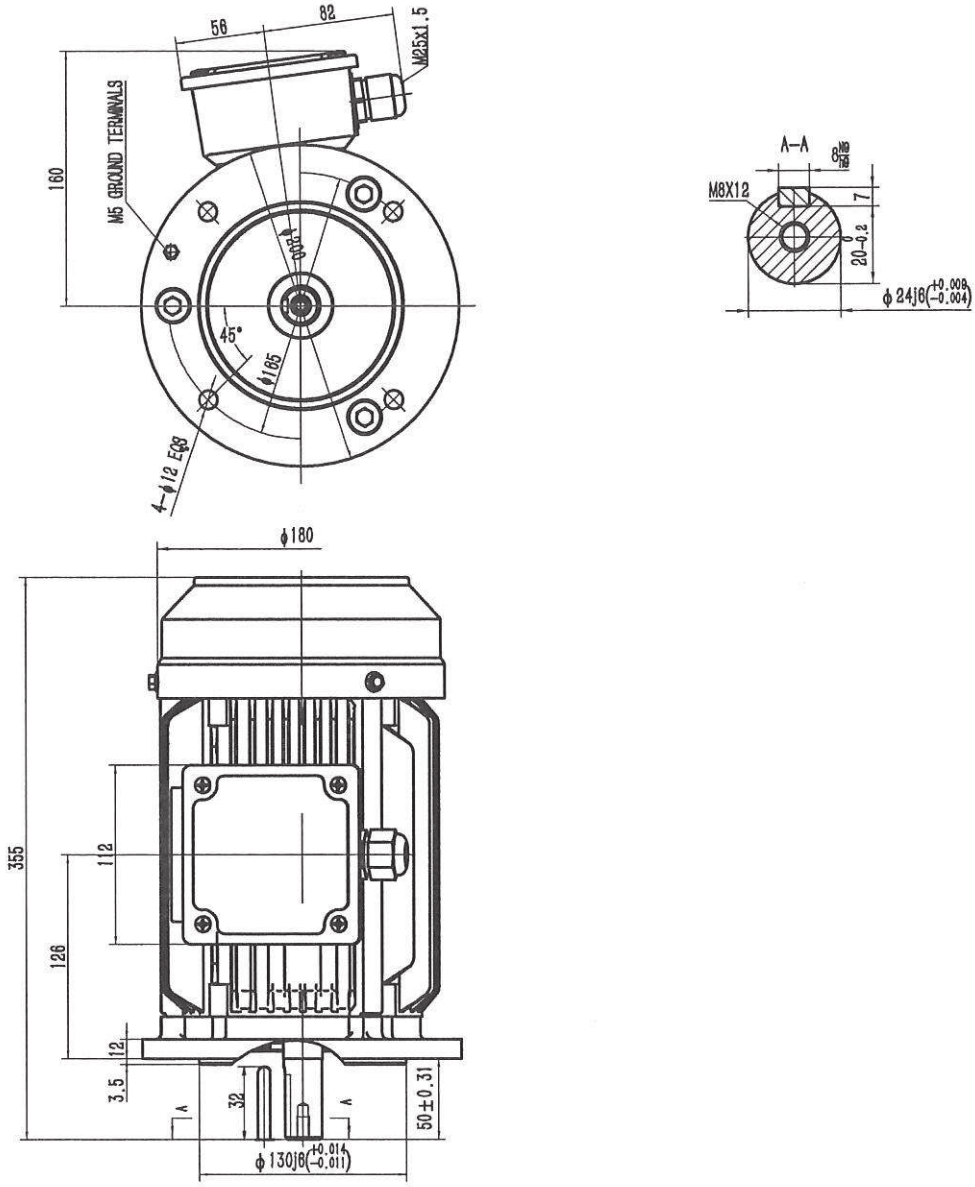
| APPD. | | | TECO ELEC. & MACH. CO., LTD. | DWG NO. 32057A001-00009 |
|---|---|---|---|---|
| CHKD. | | | | REV.00 1/1 |
| DWN. | | | | |

| TECO | OUTLINE DIMENSIONS<br>3—PHASE INDUCTION MOTOR | MOTOR TYPE:<br>AESU4S |
|---|---|---|
| DATE | | FRAME NO. 90S |

| Pole | HP | kW | Hz | VOLT | r/min |
|---|---|---|---|---|---|
| 2 | 2 | 1.5 | 50/60 | 400-415V/440-460V | 3000/3600 |

| Ins | Rating | Dimension in | Approx Weight | Bearings |
|---|---|---|---|---|
| H | CONT. | mm | | DE: 6205-ZZC3 NDE: 6205-ZZC3 |

Totally Enclosed Fan Cooled Type, Squirrel Cage Rotor.

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| | | | |
|---|---|---|---|
| DWN. | | · · | 東元電機股份有限公司<br>TECO Electric & Machinery Co., Ltd.<br>WUXI |
| CHKD. | | · · | |
| APPD. | | · · | |

DWG NO. TTAKG25087-037