

全密型氣對氣冷卻馬達 (TEAAC)

MODEL : AEZK

STANDARD 3-PHASE INDUCTION MOTORS
HIGH VOLTAGE (6600V/60Hz) SQUIRREL CAGE
FRAME NO. (EZ) 355C ~ 900D



DWG NO.

3A057H491E

REV. 08

1/1

| | | SPECIFICATION TABLE STANDARD 3-PHASE INDUCTION MOTORS HIGH VOLTAGE SQUIRREL CAGE | | MODEL | |
|-------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|
| | | | | AEZK 6600V 60Hz | |
| ITEM | | STANDARD SPECIFICATION | | | |
| RATING | KIND OF MOTOR | SQUIRREL-CAGE INDUCTION MOTOR (SCIM) | | | |
| | DESIGN STANDARD | IEC | | | |
| | VOLTAGE | 6600V | | | |
| | FREQUENCY | 60Hz | | | |
| | FRAME NO. (EZ) | 355C ~ 900D | | | |
| | OUTPUT RANGE | 350 ~ 15000HP (260 ~ 11200kW) 60Hz | | | |
| | R.P.M. (SYN.) | 3600 ~ 900R.P.M. (2 ~ 8 POLE) 60Hz | | | |
| | TIME DUTY | CONTINUOUS, S.F. 1.0 (S1, MCR) | | | |
| | PROTECTION ENCLOSURE | TOTALLY ENCLOSED (IP 54) | | | |
| | COOLING METHOD | EXTERNAL AND INTERNAL FANS, WITH AIR TO AIR HEAT EXCHANGER WHICH IS AN INDEPENDENT UNIT MOUNTED DIRECTLY ON THE MOTOR (IC 611) | | | |
| MOUNTING | HORIZONTAL FOOT MOUNTING (IM 1001, F-1) | | | | |
| APPLICATION | POWER CONDITIONS | VOLTAGE $\pm 10\%$, FREQUENCY $\pm 5\%$ AND 10% MAX. OF COMBINED VOLTAGE AND FREQUENCY WITH FREQUENCY NOT TO EXCEED 5% | | | |
| | ENVIRONMENT CONDITIONS | PLACE : SHADOW, NON-HAZARDOUS AMBIENT TEMPERATURE : -18 ~ 40°C (OIL SUMP HEATER IS NOT TECO'S SCOPE) RELATIVE HUMIDITY : LESS THAN 95%RH (NON-CONDENSATION) ALTITUDE : LESS THAN 1,000 METERS | | | |
| | OPERATING CONDITIONS | SUITABLE FOR FLUID DUTY ONLY | | | |
| | ALLOWABLE LOAD WK2 | AS DWG NO. 3A057H494E 60% SQUARE LOAD CURVE | | | |
| | DRIVE METHOD | DIRECT CONNECTION WITH FLEXIBLE COUPLING. THE ROTOR IS BALANCED WITH A HALF KEY IF POSSIBLE WHICH MUST BE NOTED WHEN SELECTING AND BALANCING THE COUPLING. | | | |
| | DIRECTION OF ROTATION | UNI-DIRECTIONAL FOR ALL 2P, 4P FRAME NO. 560 & ABOVE; OTHERS ARE BI-DIRECTIONAL CCW WHEN VIEWED FROM DRIVE END | | | |
| | METHOD OF STARTING | STANDARD FOR FULL VOLTAGE DIRECT ON LINE REDUCED VOLTAGE START 80% OF FULL VOLTAGE IS OPTIONAL | | | |
| | STARTING CAPABILITY | 2 COLD ; 1 HOT. FOR FULL VOLTAGE DIRECT ON LINE NUMBER OF STARTS: 6 TIMES PER DAY, 1000 TIMES PER YEAR, 5000 TIMES PER LIFE. OTHER THAN THESE, PLEASE CONTACT WITH FACTORY | | | |
| PERFORMANCE | TEST PROCEDURE | IEC 60034, IEEE 112 | | | |
| | TYPICAL PERFORMANCE | AS DWG NO. 3A057H494E, 3A057M177E, VALUES IN TABLE ARE NOMINAL | | | |
| | TEMPERATURE RISE | STATOR COIL : (ACCORDING TO NEMA MG1-2003) S.F. 1.0 80°C BY RESISTANCE METHOD • RECOMMEND TEMPERATURE SETTINGS : ALARM 140°C ; TRIP 155°C BEARINGS : SLEEVE BEARINGS : 53°C AT RATED LOAD ANTI-FRICTION BEARINGS : 55°C AT RATED LOAD • RECOMMEND TEMPERATURE SETTINGS : ALARM 95°C ; TRIP 100°C | | | |
| | NOISE | SOUND PRESSURE LEVEL MEASURED AT 1 METER DISTANCE & NO-LOAD CONDITION PER IEEE 85 METHOD (TOLERANCE ± 3 dba). BELOW 95dba FOR STANDARD MACHINES. BELOW 85dba FOR LOW NOISE MACHINES. (WHEN SPECIFIED) | | | |
| | VIBRATION | MEASURED ON FULLY ASSEMBLED MACHINES AND MOUNTED ON RIGID FOUNDATIONS AT NO-LOAD CONDITION. STANDARD MACHINE : BELOW 2.8 mm/s (R.M.S.) ON BEARING HOUSING. (GRADE R) BELOW 50 μ m (PEAK-TO-PEAK) ON SHAFT RELATIVE. LOW VIBRATION MACHINE : (WHEN SPECIFIED) BELOW 1.8 mm/s (R.M.S.) ON BEARING HOUSING. (GRADE S) BELOW 38 μ m (PEAK-TO-PEAK) ON SHAFT RELATIVE. | | | |
| | OVER SPEED | TWO MIN., 120% OF SYN. R.P.M. FOR RATED 1801R.P.M. & ABOVE, 125% OF SYN. R.P.M. FOR RATED 1800R.P.M. & BELOW | | | |

PERFORMANCE DATA

3-PHASE SQUIRREL CAGE INDUCTION MOTORS
(ANTI-FRICTION BEARING)

MODEL

AEZK/XC/XJ

6600V

60HZ

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0
2P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL | FRAME | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR | Max. Load | APPROX. WEIGHT |
|--------|------|------|-----------------|------------|------|------|--------------|------|------|---------|----------|----------|--------|----------|------|-------------------|-------------------|-------------------|
| HP | (kW) | LOAD | NO. (EZ) | FULL | 3/4 | 1/2 | FULL | 3/4 | 1/2 | Rated | Starting | Starting | Rated | Starting | Max. | GD ² | GD ² | |
| | | RPM | | LOAD | LOAD | LOAD | LOAD | LOAD | LOAD | A | % | A | KG-M | %FLT | %FLT | KG-M ² | KG-M ² | |
| 900 | 670 | 3571 | 355D-85R | 94.2 | 94.1 | 93.2 | 88.5 | 86.9 | 82.0 | 70 | 561 | 395 | 183 | 60 | 210 | 19 | 101 | 3230 |
| 1000 | 750 | 3570 | 355D-85R | 94.4 | 94.4 | 93.7 | 89.0 | 87.7 | 83.5 | 78 | 551 | 428 | 204 | 60 | 210 | 20 | 109 | 3280 |

- NOTE :
1. Test standard : IEC 60034-2-1 or IEEE112.
 2. Tolerance : IEC 60034-1.
 3. Data presented in rating lists are typical values. Guaranteed values on request.
Legally binding performance and specification data is given to the end user once each order is confirmed.
 4. This performance data is only for sinewave, not suitable for PWM power source.
 5. The voltage and frequency combinations not included in performance data are quoted case by case.

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0

4P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL | FRAME | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR | Max. Load | APPROX. WEIGHT |
|--------|------|------|-----------|------------|------|------|--------------|------|------|---------|----------|----------|--------|----------|------|-------------------|-------------------|-------------------|
| HP | (kW) | LOAD | NO. | FULL | 3/4 | 1/2 | FULL | 3/4 | 1/2 | Rated | Starting | Starting | Rated | Starting | Max. | GD ² | GD ² | |
| | | RPM | (EZ) | LOAD | LOAD | LOAD | LOAD | LOAD | LOAD | A | % | A | KG-M | %FLT | %FLT | KG-M ² | KG-M ² | KGS |
| 600 | 450 | 1783 | 355C-110R | 94.1 | 94.1 | 93.4 | 82.4 | 78.5 | 69.8 | 50 | 581 | 293 | 245 | 60 | 230 | 32 | 571 | 3150 |
| 700 | 520 | 1783 | 355D-110R | 94.4 | 94.5 | 93.9 | 83.3 | 79.7 | 71.4 | 58 | 601 | 349 | 286 | 60 | 230 | 37 | 652 | 3380 |
| 800 | 600 | 1784 | 355D-110R | 94.7 | 94.8 | 94.3 | 83.8 | 80.4 | 72.4 | 66 | 613 | 403 | 326 | 70 | 230 | 42 | 729 | 3530 |
| 900 | 670 | 1783 | 355E-110R | 94.9 | 95.1 | 94.6 | 84.7 | 81.8 | 74.7 | 73 | 605 | 442 | 367 | 70 | 230 | 47 | 806 | 3820 |
| 1000 | 750 | 1787 | 400C-110R | 94.8 | 94.6 | 93.7 | 83.4 | 79.6 | 71.0 | 83 | 658 | 543 | 407 | 60 | 250 | 62 | 875 | 4240 |
| 1250 | 930 | 1786 | 400D-110R | 95.2 | 95.1 | 94.4 | 85.2 | 82.2 | 74.9 | 101 | 648 | 652 | 509 | 60 | 250 | 73 | 1052 | 4690 |
| 1500 | 1120 | 1786 | 400D-110R | 95.4 | 95.4 | 94.8 | 85.0 | 82.1 | 75.0 | 121 | 621 | 750 | 611 | 60 | 230 | 77 | 1217 | 4840 |
| 1750 | 1320 | 1785 | 450B-125R | 95.5 | 95.6 | 95.1 | 86.6 | 84.4 | 78.1 | 138 | 566 | 782 | 713 | 60 | 220 | 104 | 1375 | 5520 |
| 2000 | 1500 | 1785 | 450C-125R | 95.7 | 95.8 | 95.5 | 87.6 | 85.6 | 80.0 | 156 | 576 | 897 | 815 | 60 | 220 | 118 | 1522 | 6180 |
| 2250 | 1680 | 1787 | 450D-125R | 95.8 | 95.8 | 95.4 | 87.1 | 84.6 | 77.9 | 176 | 631 | 1110 | 916 | 70 | 240 | 129 | 1656 | 6600 |
| 2500 | 1850 | 1787 | 450D-125R | 96.1 | 96.2 | 95.7 | 87.6 | 85.2 | 78.8 | 194 | 649 | 1258 | 1018 | 70 | 240 | 142 | 1788 | 6850 |

- NOTE :
1. Test standard : IEC 60034-2-1 or IEEE112.
 2. Tolerance : IEC 60034-1.
 3. Data presented in rating lists are typical values. Guaranteed values on request.
Legally binding performance and specification data is given to the end user once each order is confirmed.
 4. This performance data is only for sinepower, not suitable for PWM power source.
 5. The voltage and frequency combinations not included in performance data are quoted case by case.

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0

6P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL LOAD RPM | FRAME NO. (EZ) | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR GD ² KG-M ² | Max. Load GD ² KG-M ² | APPROX. WEIGHT KGS |
|--------|------|---------------|----------------|-------------|------------|------------|--------------|------------|------------|---------|------------|------------|------------|---------------|-----------|-----------------------------------------|---------------------------------------------|--------------------|
| HP | (kW) | | | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | Rated A | Starting % | Starting A | Rated KG-M | Starting %FLT | Max. %FLT | | | |
| 450 | 335 | 1188 | 355D-110R | 92.6 | 92.4 | 90.3 | 81.2 | 77.0 | 67.4 | 39 | 614 | 240 | 276 | 90 | 240 | 41.5 | 1615 | 2560 |
| 500 | 375 | 1187 | 355D-110R | 92.7 | 92.5 | 90.9 | 82.2 | 78.7 | 70.2 | 43 | 560 | 240 | 306 | 90 | 210 | 41.5 | 1778 | 2560 |
| 600 | 450 | 1189 | 400C-110R | 93.5 | 93.4 | 91.7 | 84.2 | 81.1 | 73.0 | 50 | 629 | 313 | 367 | 70 | 240 | 79.7 | 2081 | 3560 |
| 700 | 520 | 1189 | 400D-110R | 93.8 | 93.7 | 92.3 | 84.4 | 81.4 | 73.6 | 58 | 622 | 359 | 428 | 70 | 240 | 84.6 | 2384 | 3680 |
| 800 | 600 | 1189 | 400D-110R | 94.1 | 94.0 | 92.7 | 84.4 | 81.4 | 73.5 | 66 | 638 | 419 | 490 | 70 | 240 | 90.6 | 2679 | 3800 |
| 900 | 670 | 1188 | 400D-110R | 94.1 | 94.0 | 93.1 | 85.1 | 82.9 | 76.2 | 73 | 572 | 419 | 551 | 60 | 210 | 90.6 | 2974 | 3800 |
| 1000 | 750 | 1188 | 450B-125R | 93.5 | 93.3 | 91.6 | 83.9 | 81.1 | 73.7 | 83 | 576 | 479 | 612 | 70 | 220 | 124.4 | 3257 | 4710 |
| 1250 | 930 | 1188 | 450C-125R | 94.1 | 93.9 | 92.7 | 85.0 | 82.7 | 76.1 | 102 | 577 | 589 | 766 | 70 | 210 | 148 | 3939 | 5010 |
| 1500 | 1120 | 1189 | 450D-125R | 94.6 | 94.4 | 93.3 | 85.6 | 83.3 | 76.6 | 121 | 621 | 751 | 918 | 80 | 230 | 182.4 | 4581 | 5420 |
| 1750 | 1320 | 1189 | 500B-140R | 94.4 | 94.2 | 92.6 | 83.5 | 80.5 | 72.7 | 145 | 588 | 852 | 1071 | 70 | 230 | 238.6 | 5202 | 6640 |
| 2000 | 1500 | 1190 | 500C-140R | 94.7 | 94.6 | 93.1 | 83.7 | 80.6 | 72.8 | 165 | 606 | 998 | 1223 | 70 | 240 | 265.1 | 5786 | 7070 |
| 2250 | 1680 | 1190 | 500D-140R | 95.0 | 94.9 | 93.6 | 84.3 | 81.2 | 73.5 | 183 | 638 | 1170 | 1376 | 80 | 250 | 307.7 | 6358 | 7520 |
| 2500 | 1850 | 1190 | 500D-140R | 95.4 | 95.2 | 93.9 | 84.3 | 81.1 | 73.1 | 203 | 664 | 1347 | 1529 | 80 | 250 | 337.4 | 6908 | 7850 |
| 3000 | 2240 | 1191 | 560D-160R | 95.2 | 95.0 | 93.2 | 86.1 | 83.8 | 77.5 | 239 | 617 | 1474 | 1833 | 70 | 240 | 516.6 | 7932 | 10610 |
| 3500 | 2650 | 1191 | 560D-160R | 95.4 | 95.2 | 93.6 | 85.1 | 82.4 | 75.3 | 281 | 623 | 1752 | 2138 | 70 | 240 | 516.6 | 8899 | 10610 |
| 4000 | 3000 | 1192 | 630C-200R | 94.9 | 94.8 | 92.5 | 86.1 | 84.3 | 78.5 | 319 | 658 | 2101 | 2442 | 80 | 210 | 851.8 | 9779 | 12750 |
| 4500 | 3360 | 1193 | 630C-200R | 95.2 | 95.0 | 92.9 | 85.4 | 83.3 | 76.9 | 361 | 662 | 2393 | 2745 | 80 | 220 | 851.8 | 10593 | 12750 |
| 5000 | 3750 | 1193 | 630C-200R | 95.4 | 95.2 | 93.5 | 86.1 | 84.6 | 79.2 | 397 | 631 | 2508 | 3049 | 80 | 200 | 933 | 11373 | 13490 |
| 5500 | 4100 | 1193 | 630C-200R | 95.6 | 95.4 | 93.7 | 85.8 | 84.1 | 78.4 | 438 | 642 | 2809 | 3354 | 80 | 210 | 964.2 | 12101 | 13530 |
| 6000 | 4500 | 1193 | 630D-200R | 95.7 | 95.5 | 94.0 | 86.0 | 84.3 | 78.6 | 476 | 648 | 3082 | 3659 | 80 | 210 | 1034.1 | 12778 | 14210 |
| 6500 | 4850 | 1195 | 710D-220R | 95.5 | 95.4 | 93.4 | 86.8 | 86.1 | 82.4 | 512 | 648 | 3316 | 3958 | 70 | 190 | 1999 | 12344 | 22100 |
| 7000 | 5200 | 1195 | 710E-220R | 95.7 | 95.6 | 93.7 | 86.9 | 86.1 | 82.0 | 549 | 677 | 3717 | 4262 | 70 | 190 | 2157.1 | 12881 | 23400 |
| 7500 | 5600 | 1195 | 710E-220R | 95.8 | 95.7 | 94.1 | 86.8 | 86.4 | 83.0 | 588 | 632 | 3717 | 4567 | 70 | 180 | 2157.1 | 13379 | 23400 |
| 8000 | 6000 | 1194 | 710E-220R | 95.9 | 95.8 | 94.3 | 86.6 | 86.6 | 83.7 | 628 | 591 | 3717 | 4875 | 60 | 180 | 2157.1 | 13871 | 23400 |

NOTE : 1. Test standard : IEC 60034-2-1 or IEEE112.

2. Tolerance : IEC 60034-1.

3. Data presented in rating lists are typical values. Guaranteed values on request.

Legally binding performance and specification data is given to the end user once each order is confirmed.

4. This performance data is only for sinepower, not suitable for PWM power source.

5. The voltage and frequency combinations not included in performance data are quoted case by case.

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0

8P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL LOAD RPM | FRAME NO. (EZ) | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR GD ² KG-M ² | Max. Load GD ² KG-M ² | APPROX. WEIGHT KGS |
|--------|------|---------------------|----------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|------------|---------------|---------------|---------------|------------------|--------------|-----------------------------------------------|---------------------------------------------------|--------------------------|
| HP | (kW) | | | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | Rated A | Starting % | Starting A | Rated KG-M | Starting %FLT | Max. %FLT | | | |
| 350 | 260 | 888 | 355D-110R | 92.0 | 91.9 | 91.0 | 79.2 | 74.9 | 65.0 | 31 | 533 | 167 | 287 | 90 | 200 | 58.6 | 2626 | 2520 |
| 400 | 300 | 889 | 355D-110R | 92.4 | 92.3 | 91.4 | 77.2 | 71.9 | 60.8 | 37 | 579 | 212 | 327 | 100 | 220 | 62.6 | 2957 | 2560 |
| 450 | 335 | 891 | 400B-110R | 92.6 | 92.5 | 91.6 | 82.9 | 79.9 | 71.9 | 38 | 528 | 202 | 367 | 70 | 190 | 98.1 | 3272 | 3060 |
| 500 | 375 | 891 | 400C-110R | 93.3 | 93.2 | 92.3 | 82.2 | 78.6 | 69.8 | 43 | 567 | 241 | 408 | 70 | 210 | 104.8 | 3598 | 3110 |
| 600 | 450 | 891 | 400C-110R | 93.5 | 93.4 | 92.5 | 83.2 | 80.1 | 72.2 | 50 | 553 | 278 | 490 | 70 | 200 | 119.2 | 4239 | 3380 |
| 700 | 520 | 891 | 450A-125R | 93.7 | 93.5 | 92.7 | 81.4 | 78.8 | 70.9 | 60 | 511 | 306 | 572 | 70 | 180 | 146 | 4864 | 4210 |
| 800 | 600 | 892 | 450B-125R | 94.2 | 94.0 | 93.1 | 81.2 | 78.1 | 69.6 | 68 | 555 | 379 | 653 | 80 | 190 | 166.2 | 5461 | 4300 |
| 900 | 670 | 892 | 450B-125R | 94.4 | 94.3 | 93.4 | 81.7 | 79.1 | 71.4 | 76 | 532 | 405 | 734 | 80 | 180 | 176.4 | 6060 | 4380 |
| 1000 | 750 | 892 | 450C-125R | 94.7 | 94.5 | 93.7 | 82.7 | 80.3 | 72.9 | 83 | 551 | 459 | 816 | 90 | 180 | 205.9 | 6647 | 4840 |
| 1250 | 930 | 892 | 450D-125R | 94.8 | 94.7 | 93.8 | 82.4 | 80.1 | 72.7 | 104 | 551 | 575 | 1020 | 90 | 180 | 228.2 | 8072 | 5190 |
| 1500 | 1120 | 892 | 500C-140R | 95.0 | 94.8 | 94.0 | 83.1 | 81.0 | 74.5 | 124 | 537 | 666 | 1224 | 80 | 180 | 314.8 | 9441 | 6450 |
| 1750 | 1320 | 892 | 500D-140R | 95.3 | 95.2 | 94.3 | 83.1 | 80.6 | 73.4 | 144 | 587 | 846 | 1427 | 90 | 200 | 377 | 10761 | 7300 |
| 2000 | 1500 | 893 | 560C-160R | 95.1 | 95.0 | 94.0 | 84.6 | 82.5 | 75.8 | 162 | 608 | 986 | 1630 | 60 | 210 | 716.3 | 12002 | 9470 |
| 2250 | 1680 | 894 | 560C-160R | 95.2 | 95.1 | 94.1 | 84.2 | 81.5 | 73.8 | 183 | 669 | 1225 | 1831 | 70 | 230 | 799.5 | 13196 | 9980 |
| 2500 | 1850 | 894 | 560D-160R | 95.5 | 95.4 | 94.5 | 84.6 | 82.5 | 75.7 | 202 | 626 | 1264 | 2035 | 70 | 210 | 828.9 | 14386 | 10280 |
| 3000 | 2240 | 893 | 630D-200R | 95.7 | 95.5 | 94.2 | 84.9 | 82.7 | 75.9 | 241 | 657 | 1585 | 2444 | 90 | 220 | 1322.5 | 16711 | 13910 |
| 3500 | 2650 | 893 | 630D-200R | 95.9 | 95.7 | 94.5 | 84.2 | 81.7 | 74.4 | 283 | 671 | 1899 | 2852 | 90 | 230 | 1322.5 | 18869 | 13910 |
| 4000 | 3000 | 893 | 630D-200R | 96.0 | 95.8 | 94.8 | 84.1 | 81.7 | 74.6 | 323 | 647 | 2091 | 3259 | 90 | 220 | 1322.5 | 20913 | 13910 |
| 4500 | 3360 | 892 | 630E-200R | 96.0 | 95.9 | 95.0 | 85.1 | 84.0 | 79.2 | 359 | 545 | 1959 | 3671 | 70 | 180 | 1400.8 | 22920 | 16320 |
| 5000 | 3750 | 893 | 710D-220R | 95.9 | 95.7 | 94.4 | 85.7 | 83.8 | 77.9 | 397 | 635 | 2521 | 4074 | 80 | 210 | 2235.6 | 22842 | 20070 |
| 5500 | 4100 | 893 | 710D-220R | 96.0 | 95.8 | 94.6 | 85.4 | 83.2 | 76.8 | 438 | 646 | 2830 | 4481 | 90 | 220 | 2235.6 | 24461 | 20070 |
| 6000 | 4500 | 893 | 710D-220R | 96.0 | 95.9 | 94.9 | 85.6 | 84.1 | 78.5 | 476 | 594 | 2830 | 4889 | 80 | 200 | 2235.6 | 25999 | 20070 |

- NOTE :
1. Test standard : IEC 60034-2-1 or IEEE112.
 2. Tolerance : IEC 60034-1.
 3. Data presented in rating lists are typical values. Guaranteed values on request.
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 4. This performance data is only for sinewave, not suitable for PWM power source.
 5. The voltage and frequency combinations not included in performance data are quoted case by case.

| | | | | | | | | | | | | | | | |
|------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------------|--|
| PERFORMANCE DATA | | | | | | | | | | | | | | MODEL AEZK/XC/XJ | |
| 3-PHASE SQUIRREL CAGE INDUCTION MOTORS (SLEEVE BEARING) | | | | | | | | | | | | | | 6600V 60HZ | |

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0
2P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL | FRAME | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR | Max. Load | APPROX. WEIGHT |
|--------|------|------|----------|------------|------|------|--------------|------|------|---------|----------|----------|--------|----------|------|-------------------|-------------------|-------------------|
| HP | (kW) | LOAD | NO. | FULL | 3/4 | 1/2 | FULL | 3/4 | 1/2 | Rated | Starting | Starting | Rated | Starting | Max. | GD ² | GD ² | |
| | | RPM | (EZ) | % | % | % | % | % | % | A | % | A | KG-M | %FLT | %FLT | KG-M ² | KG-M ² | KGS |
| 900 | 670 | 3571 | 355D-85U | 94.2 | 94.1 | 93.2 | 88.5 | 86.9 | 82.0 | 70 | 561 | 395 | 183 | 60 | 210 | 19 | 101 | 3230 |
| 1000 | 750 | 3570 | 355D-85U | 94.4 | 94.4 | 93.7 | 89.0 | 87.7 | 83.5 | 78 | 551 | 428 | 204 | 60 | 210 | 20 | 109 | 3280 |
| 1250 | 930 | 3571 | 355E-85U | 94.6 | 94.7 | 94.0 | 88.3 | 86.4 | 81.0 | 98 | 597 | 583 | 255 | 70 | 230 | 22 | 129 | 3470 |
| 1500 | 1120 | 3577 | 400D-85V | 94.9 | 94.7 | 93.8 | 89.0 | 87.8 | 83.9 | 116 | 559 | 648 | 305 | 60 | 210 | 34 | 147 | 4590 |
| 1750 | 1320 | 3578 | 400D-85V | 95.2 | 95.2 | 94.5 | 89.5 | 88.3 | 84.4 | 134 | 592 | 793 | 356 | 70 | 220 | 38 | 164 | 4740 |
| 2000 | 1500 | 3577 | 400D-85V | 95.3 | 95.3 | 94.6 | 89.8 | 88.7 | 85.2 | 153 | 590 | 900 | 407 | 70 | 220 | 40 | 179 | 4840 |
| 2250 | 1680 | 3579 | 400E-85V | 95.5 | 95.4 | 94.7 | 89.7 | 88.1 | 83.8 | 171 | 656 | 1124 | 457 | 70 | 250 | 44 | 192 | 5200 |
| 2500 | 1850 | 3576 | 450D-95V | 95.3 | 95.1 | 94.1 | 89.5 | 89.0 | 86.1 | 191 | 513 | 981 | 509 | 60 | 210 | 58 | 205 | 6400 |
| 3000 | 2240 | 3578 | 450D-95V | 95.6 | 95.4 | 94.6 | 89.9 | 89.0 | 85.5 | 228 | 575 | 1310 | 610 | 70 | 210 | 65 | 226 | 6700 |
| 3500 | 2650 | 3578 | 450E-95V | 95.8 | 95.7 | 94.9 | 90.2 | 89.1 | 85.4 | 264 | 607 | 1604 | 712 | 70 | 220 | 71 | 243 | 7180 |

- NOTE :
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 2. Tolerance : IEC 60034-1.
 3. Data presented in rating lists are typical values. Guaranteed values on request.
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TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0

4P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL LOAD RPM | FRAME NO. (EZ) | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR GD ² KG-M ² | Max. Load GD ² KG-M ² | APPROX. WEIGHT KGS |
|--------|-------|---------------------|----------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|------------|---------------|---------------|---------------|------------------|--------------|-----------------------------------------------|---------------------------------------------------|--------------------------|
| HP | (kW) | | | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | Rated A | Starting % | Starting A | Rated KG-M | Starting %FLT | Max. %FLT | | | |
| 600 | 450 | 1783 | 355C-95U | 94.1 | 94.1 | 93.4 | 82.4 | 78.5 | 69.8 | 50 | 581 | 293 | 245 | 60 | 230 | 32 | 571 | 3150 |
| 700 | 520 | 1783 | 355D-95U | 94.4 | 94.5 | 93.9 | 83.3 | 79.7 | 71.4 | 58 | 601 | 349 | 286 | 60 | 230 | 37 | 652 | 3380 |
| 800 | 600 | 1784 | 355D-95U | 94.7 | 94.8 | 94.3 | 83.8 | 80.4 | 72.4 | 66 | 613 | 403 | 326 | 70 | 230 | 42 | 729 | 3530 |
| 900 | 670 | 1783 | 355E-95U | 94.9 | 95.1 | 94.6 | 84.7 | 81.8 | 74.7 | 73 | 605 | 442 | 367 | 70 | 230 | 47 | 806 | 3820 |
| 1000 | 750 | 1787 | 400C-110U | 94.8 | 94.6 | 93.7 | 83.4 | 79.6 | 71.0 | 83 | 658 | 543 | 407 | 60 | 250 | 62 | 875 | 4240 |
| 1250 | 930 | 1786 | 400D-110U | 95.2 | 95.1 | 94.4 | 85.2 | 82.2 | 74.9 | 101 | 648 | 652 | 509 | 60 | 250 | 73 | 1052 | 4690 |
| 1500 | 1120 | 1786 | 400D-110U | 95.4 | 95.4 | 94.8 | 85.0 | 82.1 | 75.0 | 121 | 621 | 750 | 611 | 60 | 230 | 77 | 1217 | 4840 |
| 1750 | 1320 | 1785 | 450B-125V | 95.5 | 95.6 | 95.1 | 86.6 | 84.4 | 78.1 | 138 | 566 | 782 | 713 | 60 | 220 | 104 | 1375 | 5520 |
| 2000 | 1500 | 1785 | 450C-125V | 95.7 | 95.8 | 95.5 | 87.6 | 85.6 | 80.0 | 156 | 576 | 897 | 815 | 60 | 220 | 118 | 1522 | 6180 |
| 2250 | 1680 | 1787 | 450D-125V | 95.8 | 95.8 | 95.4 | 87.1 | 84.6 | 77.9 | 176 | 631 | 1110 | 916 | 70 | 240 | 129 | 1656 | 6600 |
| 2500 | 1850 | 1787 | 450D-125V | 96.1 | 96.2 | 95.7 | 87.6 | 85.2 | 78.8 | 194 | 649 | 1258 | 1018 | 70 | 240 | 142 | 1788 | 6850 |
| 3000 | 2240 | 1789 | 500C-140V | 95.9 | 95.8 | 95.1 | 87.7 | 85.5 | 79.7 | 233 | 643 | 1497 | 1220 | 60 | 240 | 220 | 2024 | 8440 |
| 3500 | 2650 | 1789 | 500D-140V | 96.1 | 96.1 | 95.5 | 89.1 | 87.5 | 83.0 | 267 | 652 | 1739 | 1423 | 60 | 240 | 279 | 2241 | 9530 |
| 4000 | 3000 | 1790 | 560B-160V | 96.4 | 96.3 | 95.7 | 87.1 | 84.9 | 79.0 | 311 | 632 | 1965 | 1626 | 60 | 230 | 350 | 2431 | 10440 |
| 4500 | 3360 | 1791 | 560C-160V | 96.5 | 96.4 | 95.9 | 87.5 | 85.4 | 79.5 | 348 | 670 | 2330 | 1828 | 60 | 250 | 397 | 2600 | 11290 |
| 5000 | 3750 | 1791 | 560D-160V | 96.6 | 96.6 | 96.0 | 87.8 | 85.6 | 79.8 | 385 | 689 | 2651 | 2031 | 70 | 250 | 436 | 2752 | 12120 |
| 5500 | 4100 | 1791 | 560D-160V | 96.7 | 96.6 | 96.1 | 87.6 | 85.3 | 79.2 | 424 | 711 | 3013 | 2234 | 70 | 250 | 460 | 2887 | 12470 |
| 6000 | 4500 | 1792 | 630C-200V | 96.6 | 96.4 | 95.7 | 90.4 | 88.7 | 84.0 | 448 | 709 | 3179 | 2436 | 60 | 250 | 777 | 2999 | 14410 |
| 6500 | 4850 | 1792 | 630D-200V | 96.7 | 96.6 | 95.9 | 91.1 | 89.9 | 86.1 | 482 | 677 | 3260 | 2639 | 60 | 250 | 856 | 3099 | 15500 |
| 7000 | 5200 | 1792 | 630D-200V | 96.7 | 96.6 | 96.0 | 91.3 | 90.1 | 86.6 | 517 | 674 | 3487 | 2842 | 60 | 250 | 908 | 3183 | 15950 |
| 7500 | 5600 | 1792 | 630E-200V | 96.8 | 96.7 | 96.1 | 91.4 | 90.3 | 86.8 | 553 | 680 | 3762 | 3045 | 60 | 250 | 961 | 3251 | 16740 |
| 8000 | 6000 | 1792 | 630E-200V | 96.8 | 96.7 | 96.2 | 91.4 | 90.2 | 86.7 | 590 | 696 | 4107 | 3248 | 60 | 250 | 1013 | 3306 | 17190 |
| 9000 | 6700 | 1791 | 710C-220V | 96.9 | 96.9 | 96.5 | 92.50 | 91.50 | 88.50 | 655 | 659 | 4318 | 3656 | 50 | 250 | 1312 | 3378 | 23220 |
| 10000 | 7500 | 1791 | 710D-220V | 96.9 | 96.9 | 96.6 | 92.70 | 91.70 | 88.60 | 726 | 702 | 5100 | 4063 | 60 | 250 | 1472 | 3392 | 24090 |
| 11000 | 8200 | 1791 | 710E-220V | 97.0 | 97.0 | 96.7 | 93.00 | 92.10 | 89.30 | 796 | 691 | 5499 | 4469 | 50 | 250 | 1592 | 3405 | 25490 |
| 12000 | 9000 | 1791 | 800C-220V | 96.7 | 96.6 | 96.0 | 90.6 | 89.4 | 85.9 | 894 | 647 | 5783 | 4875 | 50 | 250 | 1887 | 3419 | 28810 |
| 13000 | 9700 | 1792 | 800D-220V | 96.7 | 96.6 | 96.0 | 90.9 | 89.3 | 85.1 | 965 | 762 | 7354 | 5278 | 60 | 250 | 2214 | 3433 | 32430 |
| 14000 | 10450 | 1794 | 900B-240V | 96.7 | 96.6 | 95.9 | 92.1 | 91.2 | 88.4 | 1026 | 687 | 7047 | 5678 | 50 | 250 | 2917 | 3447 | 34040 |
| 15000 | 11200 | 1794 | 900C-240V | 96.7 | 96.6 | 95.9 | 92.2 | 91.1 | 87.9 | 1098 | 750 | 8234 | 6084 | 60 | 250 | 3208 | 3450 | 36200 |

NOTE : 1. Test standard : IEC 60034-2-1 or IEEE112.

2. Tolerance : IEC 60034-1.

3. Data presented in rating lists are typical values. Guaranteed values on request.

Legally binding performance and specification data is given to the end user once each order is confirmed.

4. This performance data is only for sinepower, not suitable for PWM power source.

5. The voltage and frequency combinations not included in performance data are quoted case by case.

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0

6P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL LOAD RPM | FRAME NO. (EZ) | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR GD ² KG-M ² | Max. Load GD ² KG-M ² | APPROX. WEIGHT KGS |
|--------|------|---------------|----------------|-------------|------------|------------|--------------|------------|------------|---------|------------|------------|------------|---------------|-----------|-----------------------------------------|---------------------------------------------|--------------------|
| HP | (kW) | | | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | Rated A | Starting % | Starting A | Rated KG-M | Starting %FLT | Max. %FLT | | | |
| 450 | 335 | 1188 | 355C-95U | 93.3 | 93.1 | 92.0 | 83.7 | 80.0 | 71.2 | 38 | 604 | 227 | 276 | 80 | 230 | 48 | 1615 | 2910 |
| 500 | 375 | 1188 | 355D-95U | 93.4 | 93.4 | 92.5 | 85.3 | 82.4 | 74.9 | 41 | 578 | 237 | 306 | 70 | 220 | 55 | 1774 | 3080 |
| 600 | 450 | 1189 | 400B-110U | 94.2 | 94.2 | 93.4 | 83.8 | 80.0 | 71.1 | 50 | 627 | 311 | 367 | 60 | 240 | 76 | 2081 | 3460 |
| 700 | 520 | 1189 | 400B-110U | 94.4 | 94.5 | 93.8 | 84.2 | 80.7 | 72.3 | 57 | 611 | 351 | 428 | 60 | 230 | 81 | 2384 | 3560 |
| 800 | 600 | 1190 | 400D-110U | 94.7 | 94.7 | 94.1 | 85.1 | 81.8 | 73.5 | 65 | 664 | 430 | 489 | 70 | 250 | 102 | 2674 | 4010 |
| 900 | 670 | 1189 | 400D-110U | 94.8 | 94.9 | 94.4 | 85.7 | 82.8 | 75.3 | 72 | 638 | 461 | 551 | 70 | 230 | 108 | 2968 | 4210 |
| 1000 | 750 | 1189 | 450B-125U | 94.1 | 94.0 | 93.1 | 84.8 | 81.6 | 73.7 | 82 | 603 | 493 | 612 | 70 | 230 | 122 | 3250 | 4690 |
| 1250 | 930 | 1189 | 450B-125U | 94.6 | 94.7 | 94.0 | 86.5 | 84.2 | 77.6 | 100 | 615 | 613 | 765 | 70 | 230 | 164 | 3931 | 5040 |
| 1500 | 1120 | 1189 | 450D-125U | 94.9 | 94.9 | 94.3 | 87.2 | 84.8 | 78.3 | 118 | 662 | 783 | 918 | 80 | 240 | 209 | 4581 | 6010 |
| 1750 | 1320 | 1190 | 500B-140U | 95.3 | 95.3 | 94.6 | 83.7 | 80.0 | 71.3 | 143 | 623 | 892 | 1070 | 70 | 240 | 255 | 5191 | 6980 |
| 2000 | 1500 | 1190 | 500C-140U | 95.4 | 95.5 | 94.9 | 85.0 | 82.0 | 74.5 | 161 | 599 | 964 | 1223 | 70 | 230 | 285 | 5786 | 7420 |
| 2250 | 1680 | 1190 | 500C-140U | 95.6 | 95.6 | 95.1 | 85.1 | 82.0 | 74.4 | 180 | 630 | 1137 | 1376 | 70 | 240 | 324 | 6358 | 7770 |
| 2500 | 1850 | 1191 | 500D-140U | 95.9 | 95.9 | 95.3 | 85.3 | 82.0 | 74.1 | 199 | 673 | 1342 | 1527 | 80 | 250 | 375 | 6893 | 8520 |
| 3000 | 2240 | 1192 | 560C-160V | 96.2 | 96.3 | 95.9 | 87.2 | 84.4 | 77.7 | 233 | 686 | 1601 | 1831 | 80 | 250 | 519 | 7915 | 10470 |
| 3500 | 2650 | 1192 | 560D-160V | 96.4 | 96.5 | 96.1 | 87.7 | 85.1 | 78.7 | 270 | 706 | 1907 | 2136 | 80 | 250 | 623 | 8879 | 11720 |
| 4000 | 3000 | 1194 | 630C-200V | 96.6 | 96.5 | 95.9 | 84.5 | 81.9 | 74.7 | 320 | 663 | 2120 | 2438 | 80 | 210 | 898 | 9735 | 13700 |
| 4500 | 3360 | 1194 | 630C-200V | 96.7 | 96.6 | 96.1 | 84.8 | 82.2 | 75.1 | 358 | 682 | 2442 | 2742 | 80 | 210 | 1014 | 10569 | 14500 |
| 5000 | 3750 | 1194 | 630D-200V | 96.8 | 96.8 | 96.3 | 85.5 | 83.5 | 77.5 | 394 | 651 | 2567 | 3047 | 80 | 200 | 1119 | 11347 | 15520 |
| 5500 | 4100 | 1194 | 630D-200V | 96.8 | 96.8 | 96.4 | 85.4 | 83.5 | 77.4 | 434 | 653 | 2835 | 3352 | 80 | 220 | 1182 | 12073 | 15970 |
| 6000 | 4500 | 1194 | 630E-200V | 96.9 | 96.9 | 96.6 | 85.7 | 84.2 | 78.8 | 471 | 627 | 2956 | 3656 | 80 | 210 | 1286 | 12748 | 17100 |
| 6500 | 4850 | 1195 | 710C-220V | 97.1 | 97.1 | 96.8 | 86.4 | 84.7 | 79.2 | 506 | 627 | 3170 | 3958 | 60 | 200 | 1729 | 12344 | 20190 |
| 7000 | 5200 | 1195 | 710D-220V | 97.1 | 97.2 | 96.9 | 86.7 | 85.0 | 79.7 | 543 | 638 | 3462 | 4262 | 60 | 200 | 1888 | 12881 | 21520 |
| 7500 | 5600 | 1195 | 710D-220V | 97.2 | 97.2 | 96.9 | 86.8 | 84.9 | 79.3 | 580 | 665 | 3858 | 4567 | 70 | 210 | 2044 | 13379 | 22630 |
| 8000 | 6000 | 1195 | 710E-220V | 97.2 | 97.2 | 96.9 | 86.5 | 84.3 | 78.0 | 621 | 708 | 4396 | 4871 | 70 | 220 | 2191 | 13837 | 23460 |
| 9000 | 6700 | 1194 | 800C-240V | 96.8 | 96.8 | 96.2 | 86.3 | 83.4 | 76.2 | 703 | 698 | 4907 | 5484 | 70 | 250 | 2550 | 14680 | 28380 |
| 10000 | 7500 | 1194 | 800D-240V | 96.9 | 96.9 | 96.4 | 87.3 | 85.0 | 78.8 | 771 | 682 | 5261 | 6094 | 70 | 240 | 2970 | 15351 | 31080 |
| 11000 | 8200 | 1195 | 900C-260V | 96.9 | 96.7 | 96.1 | 86.9 | 84.0 | 76.8 | 852 | 724 | 6172 | 6698 | 60 | 250 | 3885 | 14564 | 33840 |
| 12000 | 9000 | 1195 | 900C-260V | 97.0 | 96.9 | 96.4 | 87.9 | 85.8 | 80.1 | 918 | 653 | 5997 | 7306 | 50 | 230 | 3991 | 14943 | 34140 |
| 13000 | 9700 | 1195 | 900D-260V | 97.0 | 96.9 | 96.3 | 87.7 | 85.2 | 78.7 | 997 | 720 | 7180 | 7915 | 60 | 250 | 4471 | 15213 | 36790 |

NOTE : 1. Test standard : IEC 60034-2-1 or IEEE112.

2. Tolerance : IEC 60034-1.

3. Data presented in rating lists are typical values. Guaranteed values on request.

Legally binding performance and specification data is given to the end user once each order is confirmed.

4. This performance data is only for sinepower, not suitable for PWM power source.

5. The voltage and frequency combinations not included in performance data are quoted case by case.

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0

8P 6600V 60Hz

TYPICAL PERFORMANCE

| OUTPUT | | FULL LOAD RPM | FRAME NO. (EZ) | EFFICIENCY | | | POWER FACTOR | | | CURRENT | | | TORQUE | | | ROTOR GD ² KG-M ² | Max. Load GD ² KG-M ² | APPROX. WEIGHT KGS |
|--------|------|---------------|----------------|-------------|------------|------------|--------------|------------|------------|---------|------------|------------|------------|---------------|-----------|-----------------------------------------|---------------------------------------------|--------------------|
| HP | (kW) | | | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | Rated A | Starting % | Starting A | Rated KG-M | Starting %FLT | Max. %FLT | | | |
| 350 | 260 | 890 | 355D-95U | 92.8 | 92.9 | 92.1 | 79.5 | 74.2 | 63.2 | 31 | 622 | 193 | 285 | 110 | 230 | 76 | 2611 | 3030 |
| 400 | 300 | 890 | 355D-95U | 93.1 | 93.3 | 92.6 | 79.4 | 74.2 | 63.3 | 35 | 619 | 219 | 326 | 110 | 230 | 80 | 2949 | 3080 |
| 450 | 335 | 891 | 400B-110U | 93.3 | 93.4 | 92.7 | 81.6 | 77.3 | 67.9 | 39 | 559 | 216 | 366 | 70 | 210 | 104 | 3272 | 3280 |
| 500 | 375 | 890 | 400C-110U | 93.7 | 93.9 | 93.3 | 83.3 | 80.1 | 72.3 | 42 | 540 | 226 | 408 | 70 | 200 | 124 | 3608 | 3640 |
| 600 | 450 | 890 | 400D-110U | 94.1 | 94.3 | 93.9 | 83.6 | 80.5 | 72.9 | 50 | 541 | 269 | 489 | 70 | 200 | 140 | 4250 | 3960 |
| 700 | 520 | 890 | 450B-125U | 94.2 | 94.6 | 94.3 | 83.8 | 81.5 | 74.7 | 58 | 524 | 303 | 570 | 80 | 210 | 164 | 4878 | 4540 |
| 800 | 600 | 891 | 450B-125U | 94.6 | 94.8 | 94.5 | 83.6 | 80.8 | 73.0 | 66 | 583 | 385 | 651 | 90 | 210 | 188 | 5476 | 4640 |
| 900 | 670 | 892 | 450B-125U | 94.8 | 95.0 | 94.6 | 83.5 | 80.2 | 71.9 | 74 | 617 | 458 | 732 | 90 | 220 | 208 | 6060 | 4890 |
| 1000 | 750 | 892 | 450C-125U | 95.0 | 95.2 | 94.7 | 83.5 | 79.9 | 71.2 | 82 | 664 | 546 | 813 | 110 | 230 | 240 | 6647 | 5420 |
| 1250 | 930 | 892 | 450D-125U | 95.1 | 95.3 | 94.9 | 83.7 | 80.2 | 71.6 | 102 | 672 | 689 | 1017 | 110 | 230 | 280 | 8072 | 6050 |
| 1500 | 1120 | 892 | 500C-140U | 95.2 | 95.4 | 95.1 | 85.6 | 83.4 | 76.7 | 120 | 627 | 753 | 1221 | 100 | 210 | 392 | 9441 | 7740 |
| 1750 | 1320 | 892 | 500D-140U | 95.4 | 95.6 | 95.2 | 85.3 | 82.5 | 75.0 | 140 | 678 | 951 | 1423 | 110 | 230 | 448 | 10761 | 8420 |
| 2000 | 1500 | 894 | 560B-160U | 95.7 | 95.8 | 95.3 | 83.8 | 80.6 | 72.3 | 163 | 674 | 1097 | 1624 | 70 | 230 | 668 | 11968 | 9290 |
| 2250 | 1680 | 894 | 560C-160U | 95.8 | 95.9 | 95.6 | 84.7 | 81.9 | 74.4 | 181 | 673 | 1218 | 1827 | 70 | 230 | 776 | 13196 | 10200 |
| 2500 | 1850 | 893 | 560D-160U | 96 | 96.1 | 95.8 | 85.2 | 83.1 | 76.6 | 199 | 636 | 1269 | 2030 | 70 | 220 | 852 | 14427 | 10910 |
| 3000 | 2240 | 895 | 630D-200U | 96.4 | 96.2 | 95.5 | 82.8 | 79.6 | 71.5 | 245 | 649 | 1592 | 2431 | 60 | 210 | 1476 | 16615 | 14870 |
| 3500 | 2650 | 895 | 630E-200U | 96.5 | 96.4 | 95.8 | 83.3 | 80.3 | 72.8 | 284 | 641 | 1821 | 2836 | 60 | 210 | 1696 | 18760 | 16310 |
| 4000 | 3000 | 895 | 630E-200U | 96.6 | 96.6 | 96 | 83.6 | 81 | 73.8 | 323 | 626 | 2023 | 3242 | 60 | 200 | 1876 | 20792 | 17210 |
| 4500 | 3360 | 895 | 710C-220V | 96.6 | 96.6 | 96.2 | 85.8 | 83.3 | 76.6 | 354 | 631 | 2236 | 3643 | 60 | 220 | 1978 | 21015 | 19400 |
| 5000 | 3750 | 895 | 710C-220V | 96.6 | 96.6 | 96.2 | 85.7 | 82.8 | 75.4 | 394 | 692 | 2727 | 4047 | 70 | 240 | 2227 | 22707 | 21100 |
| 5500 | 4100 | 895 | 710D-220V | 96.7 | 96.7 | 96.2 | 85.8 | 82.9 | 75.6 | 433 | 697 | 3015 | 4451 | 70 | 240 | 2477 | 24315 | 21690 |
| 6000 | 4500 | 895 | 710E-220V | 96.7 | 96.8 | 96.4 | 86.3 | 83.7 | 77 | 469 | 674 | 3162 | 4857 | 70 | 230 | 2655 | 25843 | 22860 |
| 6500 | 4850 | 895 | 800B-240V | 96.7 | 96.6 | 96.1 | 82.8 | 78.3 | 68.6 | 530 | 702 | 3719 | 5263 | 70 | 250 | 2660 | 27296 | 25130 |
| 7000 | 5200 | 895 | 800C-240V | 96.8 | 96.7 | 96.2 | 83.2 | 78.8 | 69.2 | 567 | 711 | 4033 | 5668 | 70 | 250 | 2903 | 28676 | 26680 |
| 7500 | 5600 | 895 | 800C-240V | 96.8 | 96.8 | 96.2 | 83 | 78.4 | 68.6 | 609 | 735 | 4477 | 6072 | 70 | 250 | 3145 | 29987 | 27480 |
| 8000 | 6000 | 895 | 800D-240V | 96.9 | 96.9 | 96.5 | 85.2 | 82.1 | 74.3 | 632 | 657 | 4155 | 6479 | 60 | 240 | 3386 | 31231 | 29080 |
| 9000 | 6700 | 895 | 900B-260V | 97 | 96.9 | 96.5 | 82.9 | 79.5 | 70.9 | 730 | 643 | 4696 | 7283 | 60 | 220 | 4283 | 21900 | 31410 |
| 10000 | 7500 | 895 | 900C-260V | 97 | 97 | 96.6 | 83 | 79.7 | 71.2 | 811 | 650 | 5269 | 8092 | 60 | 220 | 4688 | 25300 | 33640 |
| 11000 | 8200 | 896 | 900D-260V | 97.1 | 97 | 96.6 | 83.1 | 79.8 | 71.2 | 890 | 665 | 5916 | 8900 | 60 | 230 | 5204 | 25300 | 36190 |

NOTE : 1. Test standard : IEC 60034-2-1 or IEEE112.

2. Tolerance : IEC 60034-1.

3. Data presented in rating lists are typical values. Guaranteed values on request.

Legally binding performance and specification data is given to the end user once each order is confirmed.

4. This performance data is only for sinepower, not suitable for PWM power source.

5. The voltage and frequency combinations not included in performance data are quoted case by case.

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE SQUIRREL CAGE ROTOR.

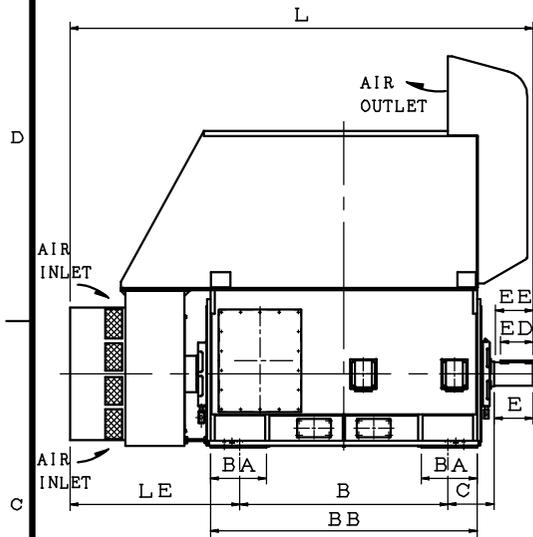
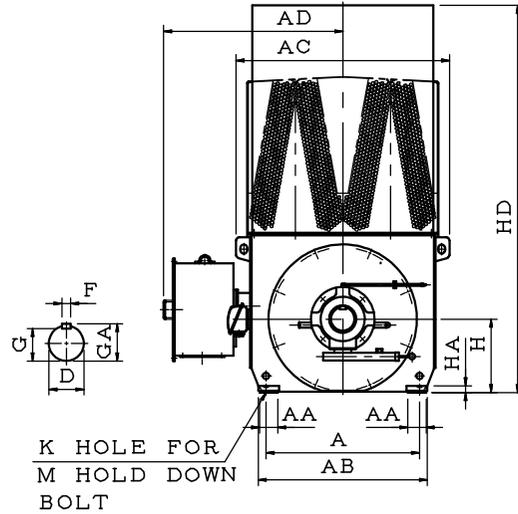


FIG. 1



K HOLE FOR
M HOLD DOWN
BOLT

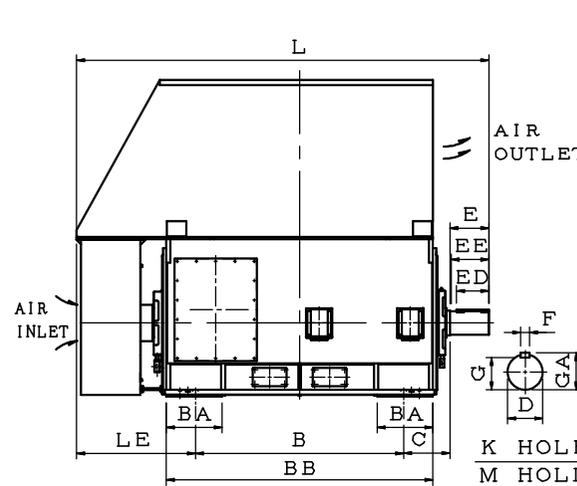
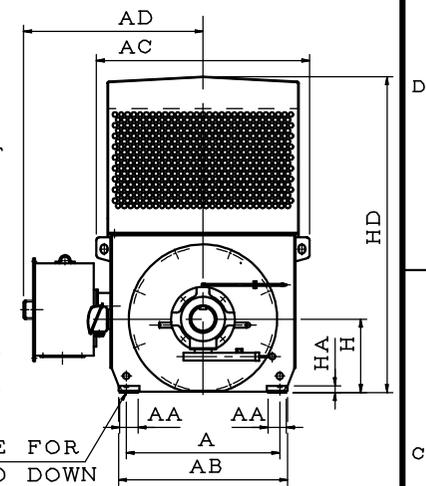


FIG. 2



K HOLE FOR
M HOLD DOWN
BOLT

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | | SHAFT EXTENSION | | | | KEY SIZE | | | BEARING | | FRAME NO. | | | | | | |
|-----------|--------------|-----|----------|----|-----|------|-----|------|-----|----|-----|------|-----------------|-----|----|------|----------|------|-----|---------|-----|-----------|-----|----|-----|--------|-----------|------------|
| | | | A | AA | AB | B | BA | BB | C | K | M | AC | AD | H | HA | HD | L | LE | D | E | EE | | G | ED | F | GA | DRIVE END | OPP. D END |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 355C | 4P | 1 | 710 | 85 | 790 | 900 | 280 | 1200 | 254 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1940 | 2344 | 980 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 6324 | 6320 | 355C |
| 355D | 2P | 1 | 710 | 85 | 790 | 1000 | 280 | 1300 | 254 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1940 | 2404 | 980 | 85 | 170 | 157 | 76 | 140 | 22 | 90 | 6218C3 | 6315C3 | 355D |
| 355D | 4P | 1 | 710 | 85 | 790 | 1000 | 280 | 1300 | 254 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1940 | 2444 | 980 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 6324 | 6320 | 355D |
| | 6P&8P | 2 | | | | | | | | | | | | | | 1560 | 2214 | 750 | | | | | | | | | | |
| 355E | 4P | 1 | 710 | 85 | 790 | 1120 | 280 | 1420 | 254 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1940 | 2564 | 980 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 6324 | 6320 | 355E |
| 400B | 8P | 2 | 800 | 95 | 900 | 900 | 355 | 1260 | 280 | 42 | M30 | 1320 | 1168 | 400 | 40 | 1665 | 2140 | 750 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 6324 | 6320 | 400B |
| 400C | 4P | 1 | 800 | 95 | 900 | 1000 | 355 | 1360 | 280 | 42 | M30 | 1320 | 1168 | 400 | 40 | 2140 | 2500 | 1010 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 6324 | 6320 | 400C |
| | 6P&8P | 2 | | | | | | | | | | | | | | 1665 | 2240 | 750 | | | | | | | | | | |
| 400D | 4P | 1 | 800 | 95 | 900 | 1120 | 355 | 1480 | 280 | 42 | M30 | 1320 | 1168 | 400 | 40 | 2140 | 2620 | 1010 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 6324 | 6320 | 400D |
| | 6P&8P | 2 | | | | | | | | | | | | | | 1665 | 2360 | 750 | | | | | | | | | | |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = m6$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = \frac{H}{10}$.
3. TOLERANCE OF KEY WIDTH $F = h9$.
4. USABLE SHAFT LENGTH: EE
5. ANTI-FRICTION BEARINGS.

OUTLINE DIMENSIONS SHEET
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)355C-710E

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE, SQUIRREL CAGE ROTOR.

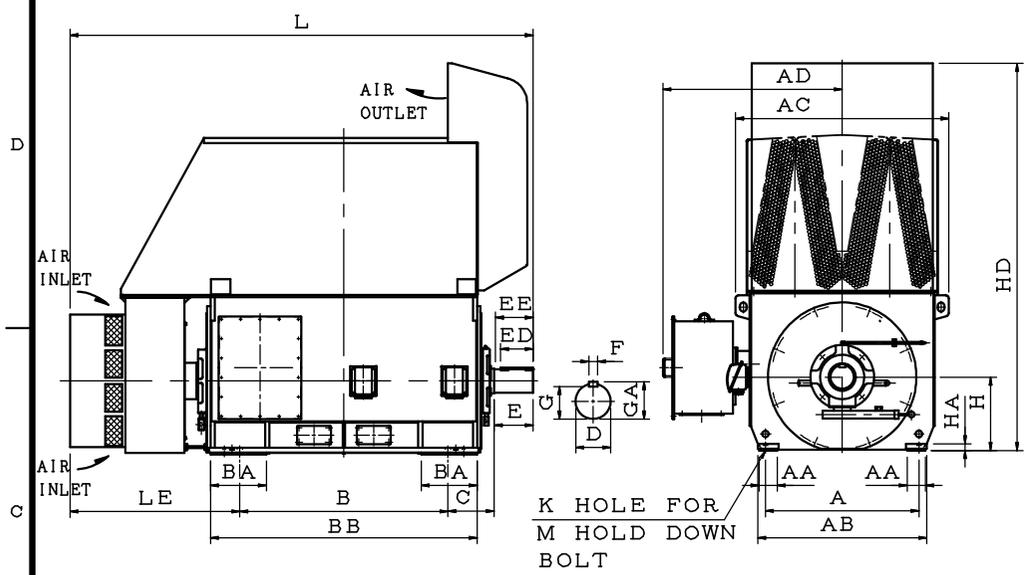


FIG. 1

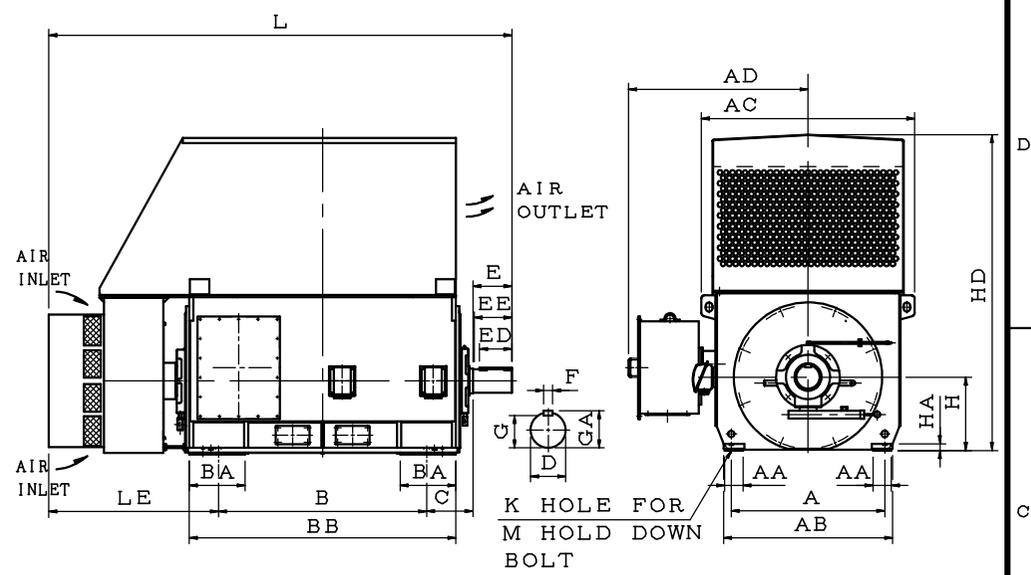


FIG. 3

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | | SHAFT EXTENSION | | | | | | | | KEY SIZE | | | BEARING | | FRAME NO. | | |
|-----------|--------------|-----|----------|-----|------|------|-----|------|-----|----|-----|------|-----------------|-----|----|------|------|------|-----|-----|----------|-----|-----|---------|-----|-----------|------------|------------|
| | | | A | AA | AB | B | BA | BB | C | K | M | AC | AD | H | HA | HD | L | LE | D | E | EE | G | ED | F | GA | | DRIVE END | OPP. D END |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450A | 8P | 3 | 900 | 100 | 990 | 900 | 380 | 1420 | 315 | 42 | M30 | 1460 | 1243 | 450 | 40 | 1785 | 2565 | 1140 | 125 | 210 | 202 | 114 | 160 | 32 | 132 | 6326 | 6322 | 450A |
| 450B | 4P | 1 | 900 | 100 | 990 | 1000 | 380 | 1420 | 315 | 42 | M30 | 1460 | 1243 | 450 | 40 | 2480 | 2565 | 1040 | 125 | 210 | 202 | 114 | 160 | 32 | 132 | 6326 | 6322 | 450B |
| | 6P&8P | 3 | | | | | | | | | | | | | | 1785 | 2665 | 1140 | | | | | | | | | | |
| 450C | 4P | 1 | 900 | 100 | 990 | 1120 | 380 | 1540 | 315 | 42 | M30 | 1460 | 1243 | 450 | 40 | 2480 | 2685 | 1040 | 125 | 210 | 202 | 114 | 160 | 32 | 132 | 6326 | 6322 | 450C |
| | 6P&8P | 3 | | | | | | | | | | | | | | 1785 | 2785 | 1140 | | | | | | | | | | |
| 450D | 4P | 1 | 900 | 100 | 990 | 1250 | 380 | 1670 | 315 | 42 | M30 | 1460 | 1243 | 450 | 40 | 2480 | 2815 | 1040 | 125 | 210 | 202 | 114 | 160 | 32 | 132 | 6326 | 6322 | 450D |
| | 6P&8P | 3 | | | | | | | | | | | | | | 1785 | 2915 | 1140 | | | | | | | | | | |
| 500B | 6P | 3 | 1000 | 140 | 1150 | 1120 | 405 | 1570 | 335 | 48 | M36 | 1620 | 1318 | 500 | 40 | 1900 | 2930 | 1225 | 140 | 250 | 240 | 128 | 200 | 36 | 148 | NU230 | 6330 | 500B |
| 500C | 6P&8P | 3 | 1000 | 140 | 1150 | 1250 | 405 | 1700 | 335 | 48 | M36 | 1620 | 1318 | 500 | 40 | 1900 | 3060 | 1225 | 140 | 250 | 240 | 128 | 200 | 36 | 148 | NU230 | 6330 | 500C |
| 500D | 6P&8P | 3 | 1000 | 140 | 1150 | 1400 | 405 | 1850 | 335 | 48 | M36 | 1620 | 1318 | 500 | 40 | 1900 | 3210 | 1225 | 140 | 250 | 240 | 128 | 200 | 36 | 148 | NU230 | 6330 | 500D |
| 560C | 8P | 3 | 1180 | 140 | 1280 | 1400 | 430 | 1850 | 355 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2055 | 3330 | 1275 | 160 | 300 | 290 | 147 | 250 | 40 | 169 | NU234 | NU230+6230 | 560C |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = \pm 0.06$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = \pm 0.1$.
3. TOLERANCE OF KEY WIDTH $F = \pm 0.09$.
4. USABLE SHAFT LENGTH: EE
5. ANTI-FRICTION BEARINGS.

OUTLINE DIMENSIONS SHEET
 3-PHASE INDUCTION MOTOR
 FRAME NO. (EZ)355C-710E

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE, SQUIRREL CAGE ROTOR.

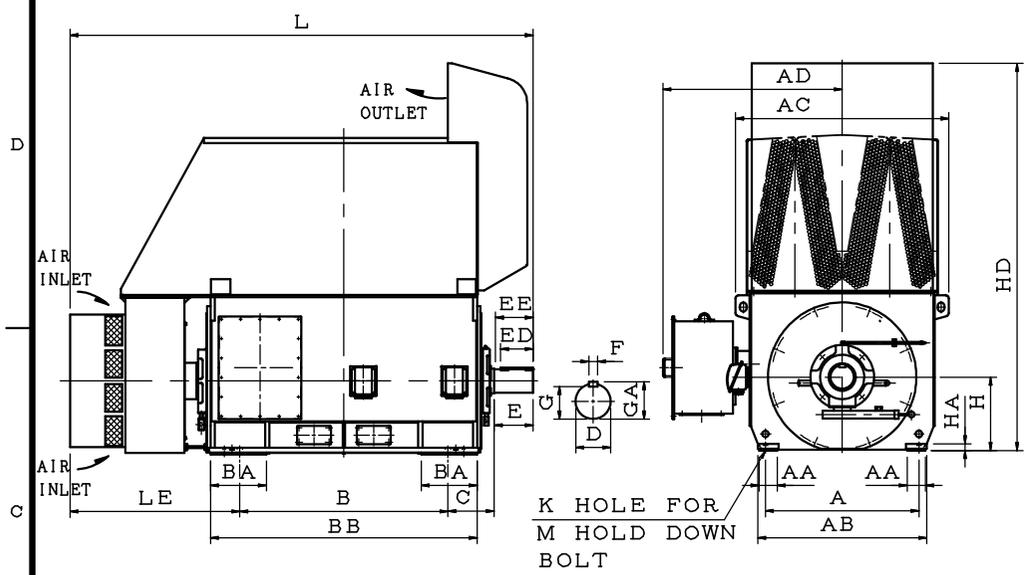


FIG. 1

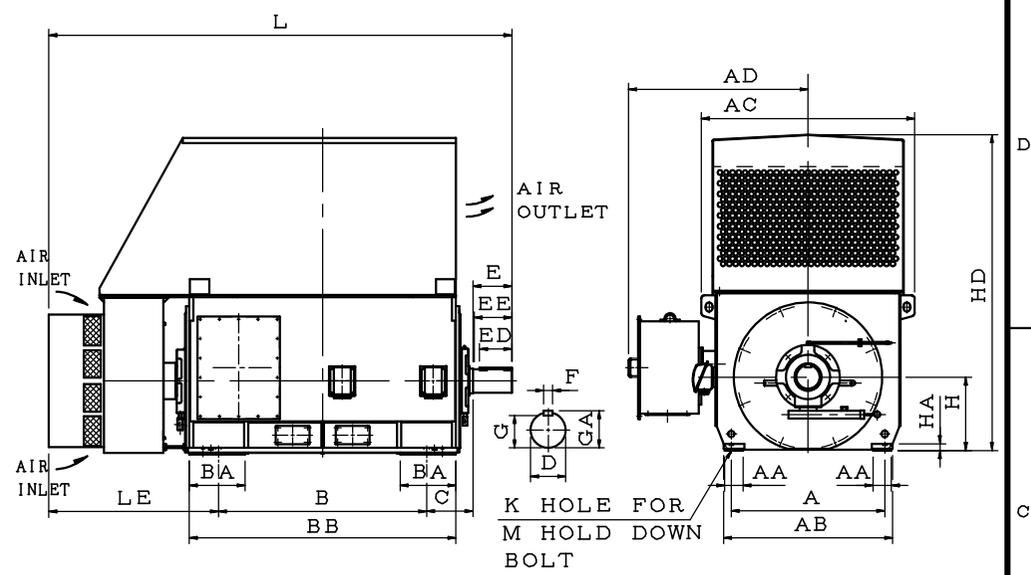


FIG. 3

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | | SHAFT EXTENSION | | | | KEY SIZE | | | BEARING | | FRAME NO. | | | | | | |
|-----------|--------------|-----|----------|-----|------|------|-----|------|-----|----|-----|------|-----------------|-----|----|--------------|----------|------|-----|---------|-----|-----------|-----------|------------|-----|----------------|----------------|------------|
| | | | A | AA | AB | B | BA | BB | C | K | M | AC | AD | H | HA | HD | L | LE | D | E | EE | | G | ED | F | GA | DRIVE END | OPP. D END |
| | | | | | | | | | | | | | | | D | E | EE | G | ED | F | GA | | DRIVE END | OPP. D END | | | | |
| 560D | 6P 8P | 3 | 1180 | 140 | 1280 | 1600 | 430 | 2050 | 355 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2155 2055 | 3530 | 1275 | 160 | 300 | 290 | 147 | 250 | 40 | 169 | NU234 | NU230+ 6230 | 560D |
| 630C | 6P | 3 | 1250 | 160 | 1400 | 1600 | 480 | 2100 | 375 | 55 | M42 | 1900 | 1513 | 630 | 58 | 2760 | 3655 | 1330 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | NU244 +6244 | NU238 | 630C |
| 630D | 6P 8P | 3 | 1250 | 160 | 1400 | 1800 | 480 | 2300 | 375 | 55 | M42 | 1900 | 1513 | 630 | 58 | 2760 2450 | 3855 | 1330 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | NU244 +6244 | NU238 | 630D |
| 630E | 8P | 3 | 1250 | 160 | 1400 | 2000 | 480 | 2300 | 375 | 55 | M42 | 1900 | 1513 | 630 | 58 | 2450 | 4055 | 1330 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | NU244 +6244 | NU238 | 630E |
| 710D | 6P 8P | 3 | 1400 | 180 | 1570 | 2000 | 520 | 2550 | 475 | 55 | M42 | 2240 | 1683 | 710 | 50 | 3070 2720 | 4200 | 1375 | 220 | 350 | 337 | 203 | 280 | 50 | 231 | NU248 +6048 | NU244 | 710D |
| 710E | 6P | 3 | 1400 | 180 | 1570 | 2240 | 520 | 2700 | 475 | 55 | M42 | 2240 | 1683 | 710 | 50 | 3070 | 4395 | 1330 | 220 | 350 | 337 | 203 | 280 | 50 | 231 | NU248 +6048 | NU244 | 710E |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = \pm 0.06$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = \pm 0.1$.
3. TOLERANCE OF KEY WIDTH $F = \pm 0.09$.
4. USABLE SHAFT LENGTH: EE
5. ANTI-FRICTION BEARINGS.

OUTLINE DIMENSIONS SHEET
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)355C-710E

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE, SQUIRREL CAGE ROTOR.

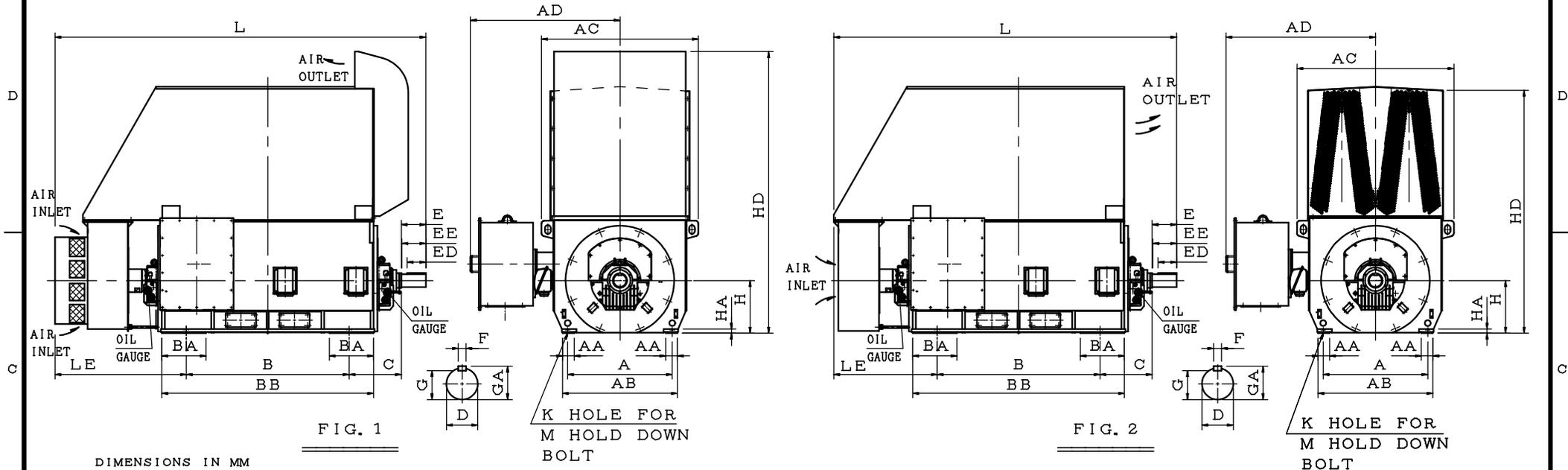


FIG. 1

FIG. 2

DIMENSIONS IN MM

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | AC | AD | H | HA | HD | L | LE | SHAFT EXTENSION | | | | KEY SIZE | | | BEARING | | FRAME NO. |
|-----------|--------------|-----|----------|-----|-----|------|-----|------|-----|----|-----|------|------|-----|----|------|------|------|-----------------|------|-----|-----|----------|----|-----|-----------|------------|-----------|
| | | | A | AA | AB | B | BA | BB | C | K | M | | | | | | | | D | E | EE | G | ED | F | GA | DRIVE END | OPP. D END | |
| 355C | 4P | 1 | 710 | 85 | 790 | 900 | 280 | 1200 | 355 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1940 | 2535 | 1110 | 95 | 170 | 164 | 86 | 140 | 25 | 100 | 9S/90 | 9S/80 | 355C |
| | 6P | 2 | | | | | | | | | | | | | | | | | 1510 | 2185 | 760 | | | | | | | |
| 355D | 2P | 1 | 710 | 85 | 790 | 1000 | 280 | 1300 | 355 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1940 | 2635 | 1110 | 85 | 170 | 164 | 76 | 140 | 22 | 90 | 9S/80 | 9S/80 | 355D |
| | 4P | | | | | | | | | | | | | | | | | | 95 | 170 | 164 | 86 | 140 | 25 | 100 | 9S/90 | 9S/80 | |
| 355D | 6P & 8P | 2 | 710 | 85 | 790 | 1000 | 280 | 1300 | 355 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1510 | 2285 | 760 | 95 | 170 | 164 | 86 | 140 | 25 | 100 | 9S/90 | 9S/80 | 355D |
| 355E | 2P | 1 | 710 | 85 | 790 | 1120 | 280 | 1420 | 355 | 35 | M24 | 1220 | 1118 | 355 | 40 | 1940 | 2755 | 1110 | 85 | 170 | 164 | 76 | 140 | 22 | 90 | 9S/80 | 9S/80 | 355E |
| | 4P | | | | | | | | | | | | | | | | | | 95 | 170 | 164 | 86 | 140 | 25 | 100 | 9S/90 | 9S/80 | |
| 400B | 6P & 8P | 2 | 800 | 95 | 900 | 900 | 355 | 1260 | 400 | 42 | M30 | 1320 | 1168 | 400 | 40 | 1710 | 2300 | 790 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 11/110 | 9/80 | 400B |
| 400C | 4P | 1 | 800 | 95 | 900 | 1000 | 355 | 1360 | 400 | 42 | M30 | 1320 | 1168 | 400 | 40 | 2140 | 2750 | 1140 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 11/110 | 9/80 | 400C |
| | 8P | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400D | 4P | 1 | 800 | 95 | 900 | 1120 | 355 | 1480 | 400 | 42 | M30 | 1320 | 1168 | 400 | 40 | 2140 | 2870 | 1140 | 110 | 210 | 200 | 100 | 160 | 28 | 116 | 11/110 | 9/80 | 400D |
| | 6P & 8P | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450B | 6P & 8P | 2 | 900 | 100 | 990 | 1000 | 380 | 1420 | 450 | 42 | M30 | 1460 | 1243 | 450 | 40 | 1980 | 2480 | 820 | 125 | 210 | 204 | 114 | 160 | 32 | 132 | 11/125 | 11/110 | 450B |
| 450C | 8P | 2 | 900 | 100 | 990 | 1120 | 380 | 1540 | 450 | 42 | M30 | 1460 | 1243 | 450 | 40 | 1980 | 2600 | 820 | 125 | 210 | 204 | 114 | 160 | 32 | 132 | 11/125 | 11/110 | 450C |
| 450D | 6P & 8P | 2 | 900 | 100 | 990 | 1250 | 380 | 1670 | 450 | 42 | M30 | 1460 | 1243 | 450 | 40 | 1980 | 2730 | 820 | 125 | 210 | 204 | 114 | 160 | 32 | 132 | 11/125 | 11/110 | 450D |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = m6$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = \pm 0.05$
3. TOLERANCE OF KEY WIDTH $F = h9$.
4. USABLE SHAFT LENGTH: EE
5. SLEEVE BEARINGS SELF LUBRICATION (NATURAL COOLING).
6. PROVISION FOR NONCONTACTIVE VIBRATION PROBE, DISTANCE OF 'C' HAVE TO BE CHANGED F#355:450, F#400:500, F#450:530, F#500:600, F#560:630, F#630:670

OUTLINE DIMENSIONS SHEET
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)355C-630E

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE, SQUIRREL CAGE ROTOR.

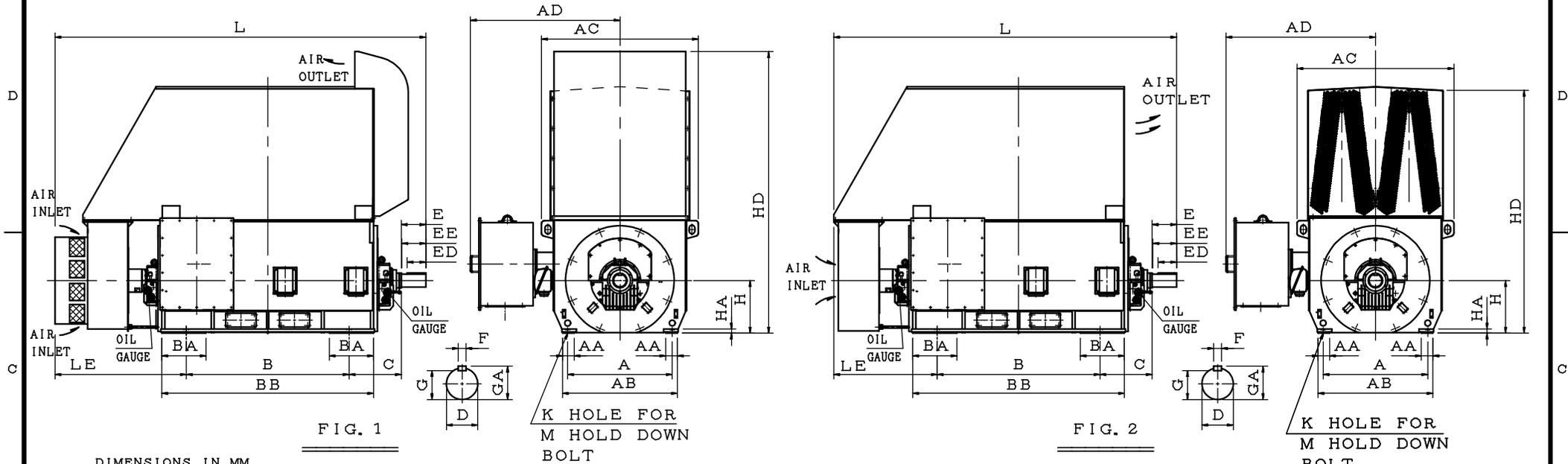


FIG. 1

FIG. 2

DIMENSIONS IN MM

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | | AC | AD | H | HA | HD | L | LE | SHAFT EXTENSION | | | | KEY SIZE | | | BEARING | | FRAME NO. |
|-----------|--------------|-----|----------|-----|------|------|-----|------|-----|----|-----|------|------|-----|----|------|------|-----|-----|-----------------|-----|-----|-----|----------|-----|-----------|------------|------|-----------|
| | | | A | AA | AB | B | BA | BB | C | K | M | D | | | | | | | | E | EE | G | ED | F | GA | DRIVE END | OPP. D END | | |
| 500B | 6P | 2 | 1000 | 140 | 1150 | 1120 | 405 | 1570 | 500 | 48 | M36 | 1620 | 1318 | 500 | 40 | 2190 | 2770 | 900 | 140 | 250 | 244 | 128 | 200 | 36 | 148 | 14/140 | 11/125 | 500B | |
| 500C | 6P&8P | 2 | 1000 | 140 | 1150 | 1250 | 405 | 1700 | 500 | 48 | M36 | 1620 | 1318 | 500 | 40 | 2190 | 2900 | 900 | 140 | 250 | 244 | 128 | 200 | 36 | 148 | 14/140 | 11/125 | 500C | |
| 500D | 6P&8P | 2 | 1000 | 140 | 1150 | 1400 | 405 | 1850 | 500 | 48 | M36 | 1620 | 1318 | 500 | 40 | 2190 | 3050 | 900 | 140 | 250 | 244 | 128 | 200 | 36 | 148 | 14/140 | 11/125 | 500D | |
| 560B | 8P | 2 | 1180 | 140 | 1280 | 1250 | 430 | 1700 | 530 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2410 | 3050 | 970 | 160 | 300 | 294 | 147 | 250 | 40 | 169 | 14/160 | 11/125 | 560B | |
| 560C | 8P | 2 | 1180 | 140 | 1280 | 1400 | 430 | 1850 | 530 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2410 | 3200 | 970 | 160 | 300 | 294 | 147 | 250 | 40 | 169 | 14/160 | 11/125 | 560C | |
| 560D | 8P | 2 | 1180 | 140 | 1280 | 1600 | 430 | 2050 | 530 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2410 | 3400 | 970 | 160 | 300 | 294 | 147 | 250 | 40 | 169 | 14/160 | 11/125 | 560D | |
| 630D | 8P | 2 | 1250 | 160 | 1400 | 1800 | 480 | 2300 | 560 | 55 | M42 | 1900 | 1513 | 630 | 58 | 2838 | 3705 | 995 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | 18/200 | 18/180 | 630D | |
| 630E | 8P | 2 | 1250 | 160 | 1400 | 2000 | 480 | 2500 | 560 | 55 | M42 | 1900 | 1513 | 630 | 58 | 2838 | 3905 | 995 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | 18/200 | 18/180 | 630E | |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = m6$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = H7/g6$.
3. TOLERANCE OF KEY WIDTH $F = h9$.
4. USABLE SHAFT LENGTH: EE
5. SLEEVE BEARINGS SELF LUBRICATION (NATURAL COOLING).
6. PROVISION FOR NONCONTACTIVE VIBRATION PROBE, DISTANCE OF 'C' HAVE TO BE CHANGED F#355:450, F#400:500, F#450:530, F#500:600, F#560:630, F#630:870

OUTLINE DIMENSIONS SHEET
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)355C-710E

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE, SQUIRREL CAGE ROTOR.

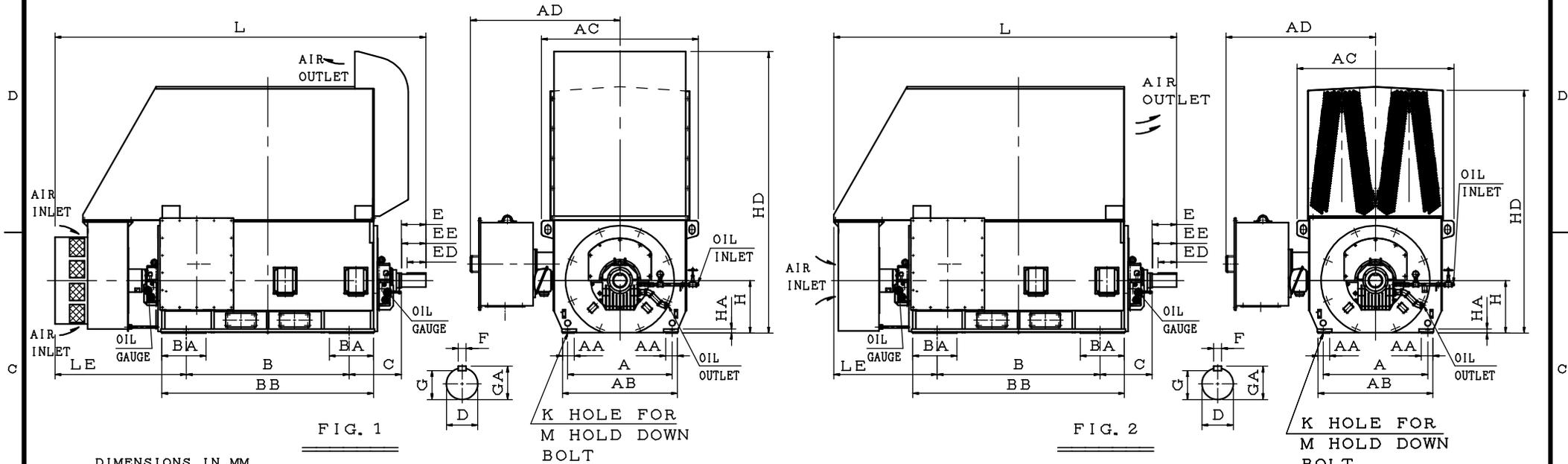


FIG. 1

FIG. 2

DIMENSIONS IN MM

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | AC | AD | H | HA | HD | L | LE | SHAFT EXTENSION | | | | KEY SIZE | | | BEARING | | FRAME NO. |
|-----------|--------------|-----|----------|-----|------|------|-----|------|-----|----|-----|------|------|-----|----|------|------|------|-----------------|-----|-----|-----|----------|----|-----|-----------|------------|-----------|
| | | | A | AA | AB | B | BA | BB | C | K | M | | | | | | | | D | E | EE | G | ED | F | GA | DRIVE END | OPP. D END | |
| 400D | 2P | 1 | 800 | 95 | 900 | 1120 | 355 | 1480 | 400 | 42 | M30 | 1320 | 1168 | 400 | 40 | 2140 | 2830 | 1140 | 85 | 170 | 164 | 76 | 140 | 22 | 90 | 9/80 | 9/80 | 400D |
| 400E | 2P | 1 | 800 | 95 | 900 | 1250 | 355 | 1610 | 400 | 42 | M30 | 1320 | 1168 | 400 | 40 | 2140 | 2960 | 1140 | 85 | 170 | 164 | 76 | 140 | 22 | 90 | 9/80 | 9/80 | 400E |
| 450B | 4P | 1 | 900 | 100 | 990 | 1000 | 380 | 1420 | 450 | 42 | M30 | 1460 | 1243 | 450 | 40 | 2480 | 2880 | 1220 | 125 | 210 | 204 | 114 | 160 | 32 | 132 | 11/125 | 11/110 | 450B |
| 450C | 4P | 1 | 900 | 100 | 990 | 1120 | 380 | 1540 | 450 | 42 | M30 | 1460 | 1243 | 450 | 40 | 2480 | 3000 | 1220 | 125 | 210 | 204 | 114 | 160 | 32 | 132 | 11/125 | 11/110 | 450C |
| 450D | 2P | 1 | 900 | 100 | 990 | 1250 | 380 | 1670 | 450 | 42 | M30 | 1460 | 1243 | 450 | 40 | 2480 | 3090 | 1220 | 95 | 170 | 164 | 86 | 140 | 25 | 100 | 9/90 | 9/80 | 450D |
| | 4P | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450E | 2P | 1 | 900 | 100 | 990 | 1400 | 380 | 1820 | 450 | 42 | M30 | 1460 | 1243 | 450 | 40 | 2480 | 3240 | 1220 | 95 | 170 | 164 | 86 | 140 | 25 | 100 | 9/90 | 9/80 | 450E |
| 500C | 4P | 1 | 1000 | 140 | 1150 | 1250 | 405 | 1700 | 500 | 48 | M36 | 1620 | 1318 | 500 | 40 | 2690 | 3300 | 1300 | 140 | 250 | 244 | 128 | 200 | 36 | 148 | 14/140 | 11/125 | 500C |
| 500D | 4P | 1 | 1000 | 140 | 1150 | 1400 | 405 | 1850 | 500 | 48 | M36 | 1620 | 1318 | 500 | 40 | 2690 | 3450 | 1300 | 140 | 250 | 244 | 128 | 200 | 36 | 148 | 14/140 | 11/125 | 500D |
| 560B | 4P | 1 | 1180 | 140 | 1280 | 1250 | 430 | 1700 | 530 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2910 | 3450 | 1370 | 160 | 300 | 294 | 147 | 250 | 40 | 169 | 14/160 | 11/125 | 560B |
| 560C | 4P | 1 | 1180 | 140 | 1280 | 1400 | 430 | 1850 | 530 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2910 | 3600 | 1370 | 160 | 300 | 294 | 147 | 250 | 40 | 169 | 14/160 | 11/125 | 560C |
| | 6P | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 560D | 4P | 1 | 1180 | 140 | 1280 | 1600 | 430 | 2050 | 530 | 55 | M42 | 1760 | 1388 | 560 | 53 | 2910 | 3800 | 1370 | 160 | 300 | 294 | 147 | 250 | 40 | 169 | 14/160 | 11/125 | 560D |
| | 6P | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = m6$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = H7/g6$ FOR $F\frac{H}{H}630$ & BELOW, $H = H7/g5$ FOR $F\frac{H}{H}710$ & UP.
3. TOLERANCE OF KEY WIDTH $F = h9$.
4. USABLE SHAFT LENGTH: EE
5. SLEEVE BEARINGS (EXTERNAL OIL CIRCULATION).
6. PROVISION FOR NONCONTACTIVE VIBRATION PROBE, DISTANCE OF 'C' HAVE TO BE CHANGED $F\frac{H}{H}400:500$, $F\frac{H}{H}450:530$, $F\frac{H}{H}500:600$, $F\frac{H}{H}560:630$, $F\frac{H}{H}630:670$, $F\frac{H}{H}710:710$, $F\frac{H}{H}800:750$, $F\frac{H}{H}900:800$.

OUTLINE DIMENSIONS SHEET
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)400D-900D

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE, SQUIRREL CAGE ROTOR.

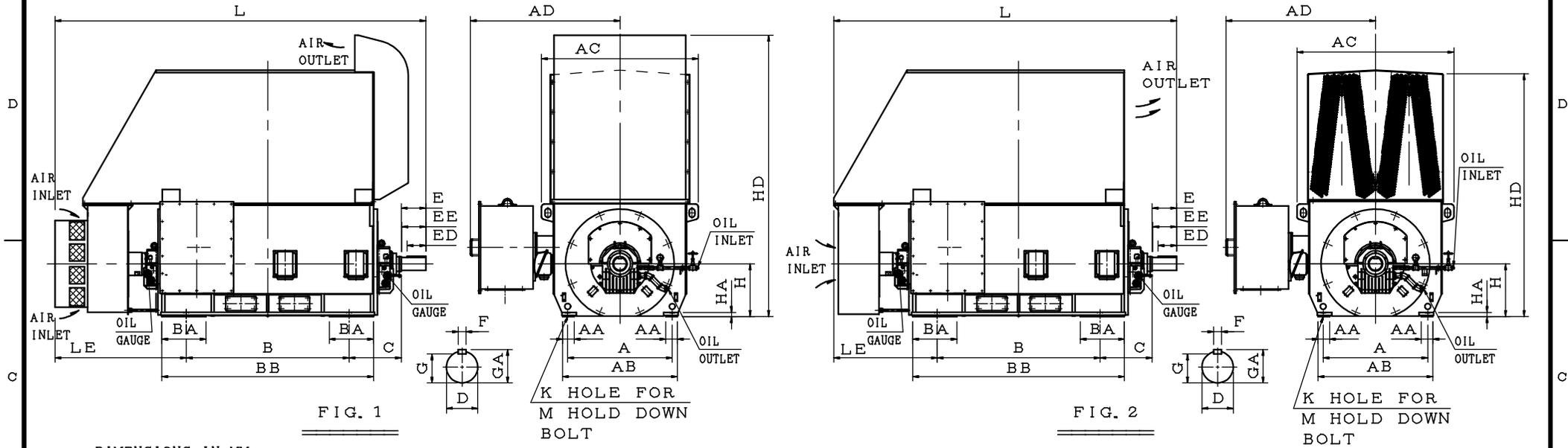


FIG. 1

FIG. 2

DIMENSIONS IN MM

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | AC | AD | H | HA | HD | L | LE | SHAFT EXTENSION | | | | KEY SIZE | | | BEARING | | FRAME NO. |
|-----------|--------------|-----|----------|-----|------|------|-----|------|-----|----|-----|------|------|-----|------|------|------|------|-----------------|-----|-----|-----|----------|-----|--------|-----------|------------|-----------|
| | | | A | AA | AB | B | BA | BB | C | K | M | | | | | | | | D | E | EE | G | ED | F | GA | DRIVE END | OFF. D END | |
| 630C | 4P | 1 | 1250 | 160 | 1400 | 1600 | 480 | 2100 | 560 | 55 | M42 | 1900 | 1513 | 630 | 58 | 3373 | 3935 | 1425 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | 18/200 | 18/180 | 630C |
| | 6P | 2 | | | | | | | | | | | | | 2838 | 3505 | 995 | | | | | | | | | | | |
| 630D | 4P | 1 | 1250 | 160 | 1400 | 1800 | 480 | 2300 | 560 | 55 | M42 | 1900 | 1513 | 630 | 58 | 3373 | 4135 | 1425 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | 18/200 | 18/180 | 630D |
| | 6P | 2 | | | | | | | | | | | | | 2838 | 3705 | 995 | | | | | | | | | | | |
| 630E | 4P | 1 | 1250 | 160 | 1400 | 2000 | 480 | 2500 | 560 | 55 | M42 | 1900 | 1513 | 630 | 58 | 3373 | 4335 | 1425 | 200 | 350 | 337 | 185 | 280 | 45 | 210 | 18/200 | 18/180 | 630E |
| | 6P | 2 | | | | | | | | | | | | | 2838 | 3905 | 995 | | | | | | | | | | | |
| 710C | 4P | 1 | 1400 | 180 | 1570 | 1800 | 520 | 2350 | 600 | 55 | M42 | 2240 | 1683 | 710 | 50 | 3633 | 4270 | 1520 | 220 | 350 | 337 | 203 | 280 | 50 | 231 | 18/225 | 18/200 | 710C |
| | 6P & 8P | 2 | | | | | | | | | | | | | 3103 | 3770 | 1020 | | | | | | | | | | | |
| 710D | 4P | 1 | 1400 | 180 | 1570 | 2000 | 520 | 2550 | 600 | 55 | M42 | 2240 | 1683 | 710 | 50 | 3633 | 4470 | 1520 | 220 | 350 | 337 | 203 | 280 | 50 | 231 | 18/225 | 18/200 | 710D |
| | 6P & 8P | 2 | | | | | | | | | | | | | 3103 | 3970 | 1020 | | | | | | | | | | | |
| 710E | 4P | 1 | 1400 | 180 | 1570 | 2240 | 520 | 2700 | 600 | 55 | M42 | 2240 | 1683 | 710 | 50 | 3633 | 4665 | 1475 | 220 | 350 | 337 | 203 | 280 | 50 | 231 | 18/225 | 18/200 | 710E |
| | 6P & 8P | 2 | | | | | | | | | | | | | 3103 | 4165 | 975 | | | | | | | | | | | |
| 800B | 8P | 2 | 1700 | 220 | 1900 | 1800 | 600 | 2360 | 630 | 55 | M42 | 2421 | 1795 | 800 | 65 | 3193 | 4015 | 1175 | 240 | 410 | 397 | 220 | 360 | 56 | 252 | 22/250 | 22/225 | 800B |
| 800C | 4P | 1 | 1700 | 220 | 1900 | 2000 | 600 | 2560 | 630 | 55 | M42 | 2421 | 1795 | 800 | 65 | 3850 | 4605 | 1625 | 220 | 350 | 337 | 203 | 280 | 50 | 231 | 22/225 | 22/200 | 800C |
| | 6P & 8P | 2 | | | | | | | | | | | | | 3193 | 4215 | 1175 | 240 | 410 | 397 | 220 | 360 | 56 | 252 | 22/250 | 22/225 | | |
| 800D | 4P | 1 | 1700 | 220 | 1900 | 2240 | 600 | 2700 | 630 | 55 | M42 | 2421 | 1795 | 800 | 65 | 3850 | 4795 | 1575 | 220 | 350 | 337 | 203 | 280 | 50 | 231 | 22/225 | 22/200 | 800D |
| | 6P & 8P | 2 | | | | | | | | | | | | | 3193 | 4405 | 1125 | 240 | 410 | 397 | 220 | 360 | 56 | 252 | 22/250 | 22/225 | | |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = m6$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = H7/g6$ FOR F710 & BELOW, $H = H7/g5$ FOR F710 & UP.
3. TOLERANCE OF KEY WIDTH $F = h9$.
4. USABLE SHAFT LENGTH: EE
5. SLEEVE BEARINGS (EXTERNAL OIL CIRCULATION).
6. PROVISION FOR NONCONTACTIVE VIBRATION PROBE, DISTANCE OF 'C' HAVE TO BE CHANGED F400:500, F450:530, F500:600, F560:630, F630:670, F710:710, F800:750, F900:800.

OUTLINE DIMENSIONS SHEET
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)400D-900D

TOTALLY ENCLOSED AIR-TO-AIR COOLED TYPE, SQUIRREL CAGE ROTOR.

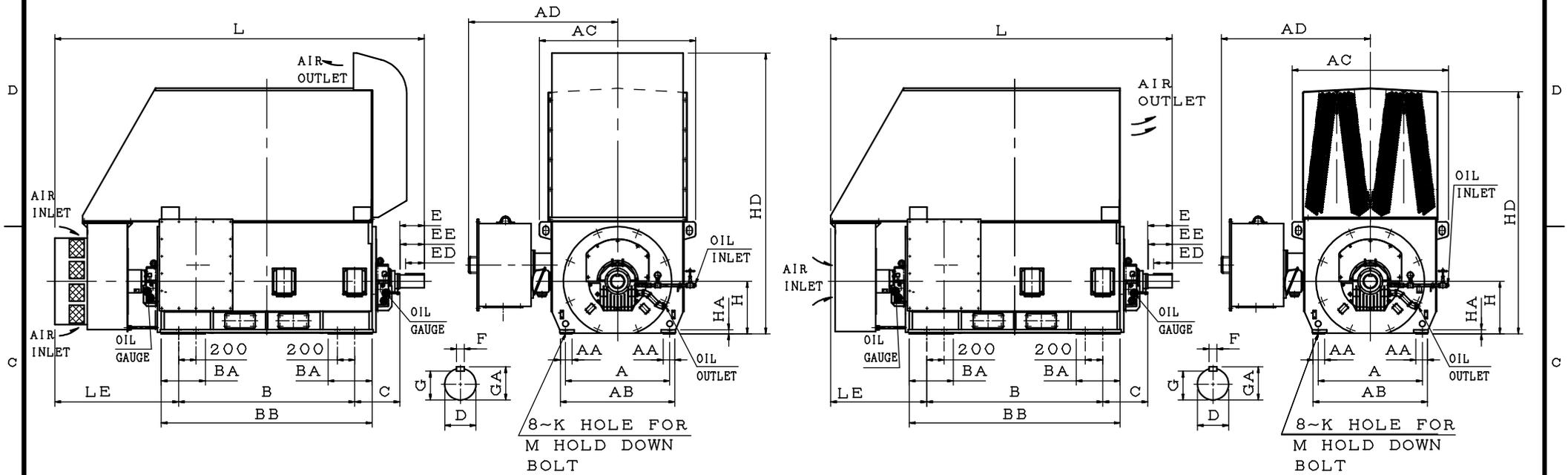


FIG. 1

FIG. 2

DIMENSIONS IN MM

| FRAME NO. | NO. OF POLES | FIG | MOUNTING | | | | | | | | | AC | AD | H | HA | HD | L | LE | SHAFT EXTENSION | | | | KEY SIZE | | | BEARING | | FRAME NO. |
|-----------|--------------|-----|----------|-----|------|------|-----|------|-----|----|-----|------|------|-----|----|------|------|------|-----------------|-----|-----|-----|----------|----|-----|-----------|------------|-----------|
| | | | A | AA | AB | B | BA | BB | C | K | M | | | | | | | | D | E | EE | G | ED | F | GA | DRIVE END | OPP. D END | |
| 900B | 4P | 1 | 1800 | 220 | 1995 | 2000 | 600 | 2600 | 670 | 55 | M42 | 2619 | 1894 | 900 | 65 | 4027 | 4725 | 1645 | 240 | 410 | 397 | 220 | 360 | 56 | 252 | 22/250 | 22/225 | 900B |
| | 8P | 2 | 1800 | 220 | 1995 | 2000 | 600 | 2600 | 670 | 55 | M42 | 2619 | 1894 | 900 | 65 | 3373 | 4290 | 1210 | 260 | 410 | 397 | 240 | 360 | 56 | 272 | 22/250 | 22/225 | |
| 900C | 4P | 1 | 1800 | 220 | 1995 | 2240 | 600 | 2740 | 670 | 55 | M42 | 2619 | 1894 | 900 | 65 | 4027 | 4915 | 1595 | 240 | 410 | 397 | 220 | 360 | 56 | 252 | 22/250 | 22/225 | 900C |
| | 6P&8P | 2 | 1800 | 220 | 1995 | 2240 | 600 | 2740 | 670 | 55 | M42 | 2619 | 1894 | 900 | 65 | 3373 | 4480 | 1160 | 260 | 410 | 397 | 240 | 360 | 56 | 272 | 22/250 | 22/225 | |
| 900D | 6P&8P | 2 | 1800 | 220 | 1995 | 2500 | 600 | 3000 | 670 | 55 | M42 | 2619 | 1894 | 900 | 65 | 3373 | 4740 | 1160 | 260 | 410 | 397 | 240 | 360 | 56 | 272 | 22/250 | 22/225 | 900D |

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D = m6$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H = H7/g6$ FOR F#630 & BELOW, $H = H7/g5$ FOR F#710 & UP.
3. TOLERANCE OF KEY WIDTH $F = h9$.
4. USABLE SHAFT LENGTH: EE
5. SLEEVE BEARINGS (EXTERNAL OIL CIRCULATION).
6. PROVISION FOR NONCONTACTIVE VIBRATION PROBE, DISTANCE OF 'C' HAVE TO BE CHANGED F#400:500, F#450:530, F#500:600, F#560:630, F#630:670, F#710:710, F#800:750, F#900:800.

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