

# 全密型氣對氣冷卻馬達 (TEAAC)

**MODEL : AEZK**

STANDARD 3-PHASE INDUCTION MOTORS  
MEDIUM VOLTAGE (3000V/50Hz) SQUIRREL CAGE  
FRAME NO. (EZ) 355C ~ 710D



DWG NO.

3A057H508E

REV. 06

		<b>SPECIFICATION TABLE</b> <b>STANDARD 3-PHASE INDUCTION MOTORS</b> <b>MEDIUM VOLTAGE SQUIRREL CAGE</b>		MODEL	
				<b>AEZK</b> <b>3000V</b> <b>50Hz</b>	
		ITEM	STANDARD SPECIFICATION		
R A T I O N	KIND OF MOTOR	SQUIRREL-CAGE INDUCTION MOTOR (SCIM)			
	DESIGN STANDARD	IEC			
	VOLTAGE	3000V			
	FREQUENCY	50Hz			
	FRAME NO. (EZ)	355C ~ 710D			
	OUTPUT RANGE	350 ~ 9000HP (260 ~ 6700kW) 50Hz			
	R.P.M. (SYN.)	3000 ~ 750R.P.M. (2 ~ 8 POLE) 50Hz			
	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)				
A P P L I C A T I O N	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 : $-18 \sim 40^{\circ}\text{C}$ ( 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. 3A057H511E 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			
P E R F O R M A N C E	TEST PROCEDURE	IEC 60034, IEEE 112			
	TYPICAL PERFORMANCE	AS DWG NO. 3A057H511E, 3A057M175E, 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 $\pm 3\text{dBA}$ ). 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 $\mu\text{m}$ ( 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 $\mu\text{m}$ ( PEAK-TO-PEAK ) ON SHAFT RELATIVE.			
	OVER SPEED	TWO MIN., 120% OF SYN. R.P.M. FOR RATED 1501R.P.M. & ABOVE, 125% OF SYN. R.P.M. FOR RATED 1500R.P.M. & BELOW			

<b>PERFORMANCE DATA</b>														MODEL	
<b>3-PHASE SQUIRREL CAGE INDUCTION MOTORS</b>														<b>AEZK/XC/XJ</b>	
(ANTI-FRICTION BEARING)														<b>3000V</b>	
(ANTI-FRICTION BEARING)														<b>50Hz</b>	

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0  
2P 3000V 50Hz

**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 <sup>2</sup>	GD <sup>2</sup>	
		RPM	(EZ)	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M <sup>2</sup>	KG-M <sup>2</sup>	KGS
1000	750	2973	355D-85R	95.0	95.1	94.7	88.8	87.1	82.2	171	595	1018	245	70	230	24	176	3480
1250	930	2973	355E-85R	95.3	95.5	95.3	90.4	89.2	85.3	208	638	1305	306	80	250	28	209	4020
1500	1120	2973	400D-85R	95.0	94.9	94.0	90.4	89.5	87.5	251	518	1301	367	60	190	37	240	4850
1750	1320	2976	400D-85R	95.3	95.2	94.3	91.1	89.7	87.1	293	603	1763	428	80	230	43	268	5120
2000	1500	2978	400E-85R	95.6	95.5	94.6	91.7	90.1	87.3	329	675	2224	489	90	250	49	294	5570
2250	1680	2970	450C-95R	95.1	95.0	94.1	91.2	90.0	87.7	373	553	2060	551	80	210	56	321	5690
2500	1850	2971	450D-95R	95.4	95.3	94.4	91.5	90.3	88.1	408	575	2345	612	80	220	60	343	6750

- NOTE :
1. Test standard : IEC 60034-2-1 or IEEE112.
  2. Tolerance : IEC 60034-1 or NEMA MG1.
  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  
4P 3000V 50Hz

TYPICAL PERFORMANCE

OUTPUT		FULL LOAD RPM	FRAME NO. (EZ)	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD <sup>2</sup> KG-M <sup>2</sup>	Max. Load GD <sup>2</sup> KG-M <sup>2</sup>	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			
700	520	1482	355C-110R	94.6	94.8	94.4	83.2	79.9	71.9	127	572	727	344	70	220	39	1035	3350
800	600	1482	355D-110R	94.8	95.0	94.7	83.5	80.3	72.5	146	580	846	393	70	220	44	1161	3580
900	670	1484	355E-110R	95.1	95.3	94.8	83.4	79.7	71.1	163	655	1065	441	90	250	52	1280	3920
1000	750	1486	400C-110R	95.3	95.5	95.1	86.0	83.2	76.5	176	668	1176	490	70	250	75	1395	4440
1250	930	1486	400D-110R	95.5	95.7	95.5	86.6	84.2	78.2	216	659	1426	612	70	240	86	1681	4890
1500	1120	1485	450B-125R	95.0	95.0	94.4	85.5	82.6	75.2	265	579	1536	735	70	220	107	1955	5520
1750	1320	1485	450B-125R	95.4	95.5	95.1	87.5	85.5	79.7	304	579	1762	857	70	220	126	2213	5920
2000	1500	1486	450C-125R	95.5	95.6	95.1	86.8	84.1	77.2	348	636	2215	979	80	240	138	2454	6430
2250	1680	1486	450D-140R	95.7	95.9	95.6	88.6	86.9	81.6	381	628	2395	1102	80	230	165	2687	6950

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

2. Tolerance : IEC 60034-1 or NEMA MG1.

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

6P 3000V 50Hz

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 <sup>2</sup>	GD <sup>2</sup>	
		RPM	(EZ)	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M <sup>2</sup>	KG-M <sup>2</sup>	KGS
500	375	984	355D-110R	93.5	93.3	92.5	82.6	80.5	73.7	93	455	425	370	80	180	41.7	2822	2740
600	450	984	355D-110R	93.7	93.6	92.7	82.6	80.6	73.8	112	458	512	444	80	180	46.6	3322	2810
700	520	987	400C-110R	94.0	93.8	93.0	85.0	83	76.6	125	532	667	516	60	190	78.1	3782	3480
800	600	988	400D-110R	94.5	94.4	93.5	85.3	82.9	76	143	590	845	589	70	220	92.3	4245	3780
900	670	987	400D-110R	94.5	94.4	93.5	86.1	84.6	79.2	158	542	858	663	70	190	100.8	4719	4960
1000	750	988	450C-125R	94.5	94.4	93.5	85.5	83.3	76.8	179	584	1044	736	80	220	148	5161	5330
1250	930	988	450C-125R	94.8	94.7	93.8	85.4	83.1	76.5	221	598	1322	921	90	220	164.4	6259	5580
1500	1120	989	450D-140R	95.2	95.0	94.2	85.2	82.4	75.1	266	649	1726	1104	100	240	190.7	7293	6260
1750	1320	990	500B-160R	95.0	94.8	93.8	83.7	80.5	72.5	320	610	1950	1286	80	240	265.1	8281	7060
2000	1500	990	500C-160R	95.2	95.0	94.2	84.1	80.9	73	361	627	2263	1470	90	240	294.5	9252	7520
2250	1680	990	500D-160R	95.4	95.3	94.4	84.5	81.4	73.6	401	653	2616	1654	90	250	337.4	10190	8160
2500	1850	990	500D-160R	95.8	95.6	94.8	84.3	80.9	72.7	441	686	3024	1837	100	250	367.6	11097	8250
3000	2240	989	560D-180R	95.6	95.4	94.6	85.7	84.6	79.6	526	485	2553	2207	60	180	432.4	12859	9840
3500	2650	990	560D-180R	96.0	95.9	95.0	86.3	84.6	78.8	616	556	3424	2572	70	210	548.7	14452	10620
4000	3000	992	630C-200R	95.9	95.7	94.9	87.6	86.7	82.4	687	639	4392	2934	100	200	865.3	15900	12540
4500	3360	993	630D-200R	96.0	95.9	95.0	87.6	86.4	81.7	769	674	5184	3297	100	210	945.1	17292	13200
5000	3750	993	630D-200R	96.2	96.0	95.2	88.0	86.9	82.4	853	691	5890	3664	110	210	1104.3	18646	14540
5500	4100	994	710C-220R	95.9	95.8	94.7	87.3	87.3	84.5	942	586	5522	4026	70	180	1587	18380	19180
6000	4500	994	710C-220R	96.2	96.0	95.0	87.5	86.9	83.1	1029	656	6747	4392	80	190	1744.1	19494	19630
6500	4850	994	710D-220R	96.2	96.1	95.2	87.3	87.2	84.1	1111	607	6747	4758	80	180	1744.1	20546	20080

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

2. Tolerance : IEC 60034-1 or NEMA MG1.

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

8P 3000V 50Hz

TYPICAL PERFORMANCE

OUTPUT		FULL LOAD RPM	FRAME NO. (EZ)	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD <sup>2</sup> KG-M <sup>2</sup>	Max. Load GD <sup>2</sup> KG-M <sup>2</sup>	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	739	355C-110R	93.1	93.0	92.1	78.9	74.3	64.2	68	549	374	345	110	210	58.6	4114	2670
400	300	738	355D-110R	93.5	93.4	92.5	81.0	77.5	68.6	76	539	411	394	100	200	71.2	4664	2860
450	335	741	400C-110R	94.0	93.9	93.0	83.3	80.1	72.1	82	567	467	442	80	210	113.2	5141	3370
500	375	741	400C-110R	93.9	93.8	92.9	83.2	80.1	72.1	92	549	507	491	80	200	113.2	5657	3370
600	450	741	400C-110R	94.1	93.9	93.1	83.5	80.7	73.1	110	542	597	589	80	200	125.9	6671	3690
700	520	739	450A-125R	93.9	93.7	92.9	81.7	81.1	75.8	130	415	542	689	70	180	139.9	7714	4390
800	600	740	450A-125R	94.4	94.2	93.4	82.0	81	75.4	149	438	654	787	70	180	156.3	8665	4550
900	670	740	450B-125R	94.5	94.3	93.5	82.3	81.6	76.3	166	440	730	885	80	180	173.3	9623	4720
1000	750	741	450C-125R	95.0	94.8	94.0	82.9	81.6	75.5	183	491	900	982	90	180	206.1	10530	5080
1250	930	742	450D-140R	95.4	95.3	94.4	82.6	79.9	72	227	593	1347	1226	110	200	264.1	12772	5950
1500	1120	743	500B-160R	95.3	95.1	94.3	81.1	77.3	68.1	279	628	1752	1469	120	220	329.5	14917	6910
1750	1320	743	500D-160R	95.6	95.4	94.6	82.3	78.9	70.6	323	623	2013	1714	120	220	400.7	17035	7970
2000	1500	743	560B-180R	95.5	95.4	94.5	84.2	82.7	76.6	359	551	1978	1959	70	190	641.9	17657	9340
2250	1680	743	560C-180R	95.6	95.5	94.6	84.2	82.6	76.5	401	564	2263	2203	70	190	699.2	19503	9690
2500	1850	743	560D-180R	96.0	95.8	95.0	84.3	82.6	76.2	440	595	2617	2448	70	200	780.4	21299	10260
3000	2240	743	630E-200R	96.2	96.1	95.2	85.3	83.2	76.5	525	676	3549	2938	100	230	1570.8	24754	14550
3500	2650	743	630E-200R	96.4	96.2	95.4	85.3	83.3	76.7	620	658	4083	3427	100	220	1660.1	28042	15610
4000	3000	743	630E-200R	96.4	96.3	95.4	85.2	83.2	76.8	703	646	4538	3917	100	220	1660.1	31181	16520
4500	3360	742	710C-220R	96.0	95.9	95.0	85.5	83.9	78.4	788	571	4496	4413	80	190	1878	34300	18400
5000	3750	742	710D-220R	96.1	96.0	95.1	85.6	84.1	78.8	877	567	4969	4903	80	190	2048.3	37182	19100

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

2. Tolerance : IEC 60034-1 or NEMA MG1.

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.

<b>PERFORMANCE DATA</b>														MODEL <b>AEZK/XC/XJ</b>	
<b>3-PHASE SQUIRREL CAGE INDUCTION MOTORS</b>														<b>3000V</b>	
(SLEEVE BEARING)														<b>50Hz</b>	

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0  
2P 3000V 50Hz

**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 <sup>2</sup>	GD <sup>2</sup>	
		RPM	(EZ)	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M <sup>2</sup>	KG-M <sup>2</sup>	KGS
1000	750	2973	355D-85U	95.0	95.1	94.7	88.8	87.1	82.2	171	595	1018	245	70	230	24	176	3480
1250	930	2973	355E-85U	95.3	95.5	95.3	90.4	89.2	85.3	208	638	1305	306	80	250	28	209	4020
1500	1120	2975	400D-85U	94.9	95.0	94.4	88.5	87.3	83.1	257	536	1355	367	70	210	38	240	4640
1750	1320	2977	400D-85U	95.3	95.4	94.8	89.6	88.2	84.0	298	610	1767	428	80	230	44	268	4940
2000	1500	2979	400E-85U	95.7	95.7	95.2	90.8	89.4	85.5	332	690	2250	488	90	250	53	294	5500
2250	1680	2978	400E-85U	95.7	95.8	95.3	90.1	88.5	84.0	375	692	2555	550	90	250	53	318	5630
2500	1850	2978	450D-95U	95.6	95.5	94.9	90.0	88.7	84.6	414	607	2498	611	80	230	69	341	6550
3000	2240	2978	450D-95U	95.9	96.0	95.5	91.5	90.8	88.0	491	619	2994	733	80	230	81	381	7100

- NOTE :
1. Test standard : IEC 60034-2-1 or IEEE112.
  2. Tolerance : IEC 60034-1 or NEMA MG1.
  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.
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TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0

4P 3000V 50Hz

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 <sup>2</sup>	GD <sup>2</sup>	
		RPM		(EZ)	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M <sup>2</sup>	
700	520	1482	355C-95U	94.6	94.8	94.4	83.2	79.9	71.9	127	572	727	344	70	220	39	1035	3350
800	600	1482	355D-95U	94.8	95.0	94.7	83.5	80.3	72.5	146	580	846	393	70	220	44	1161	3580
900	670	1484	355E-95U	95.1	95.3	94.8	83.4	79.7	71.1	163	655	1065	441	90	250	52	1280	3920
1000	750	1486	400C-110U	95.3	95.5	95.1	86.0	83.2	76.5	176	668	1176	490	70	250	75	1395	4440
1250	930	1486	400D-110U	95.5	95.7	95.5	86.6	84.2	78.2	216	659	1426	612	70	240	86	1681	4890
1500	1120	1485	450B-125U	95.0	95.0	94.4	85.5	82.6	75.2	265	579	1536	735	70	220	107	1955	5520
1750	1320	1485	450B-125U	95.4	95.5	95.1	87.5	85.5	79.7	304	579	1762	857	70	220	126	2213	5920
2000	1500	1486	450C-125U	95.5	95.6	95.1	86.8	84.1	77.2	348	636	2215	979	80	240	138	2454	6430
2250	1680	1486	450D-125U	95.7	95.9	95.6	88.6	86.9	81.6	381	628	2395	1102	80	230	165	2687	6950
2500	1850	1488	500B-140U	95.8	95.8	95.2	86.5	83.9	77.2	430	638	2741	1222	70	240	215	2900	8110
3000	2240	1489	500C-140U	96.1	96.1	95.6	87.3	84.7	78.1	514	694	3566	1466	80	250	259	3309	8940
3500	2650	1490	560B-160V	96.3	96.2	95.6	85.8	83.1	76.1	617	633	3907	1709	70	240	355	3682	10290
4000	3000	1490	560C-160V	96.4	96.4	96.0	86.6	84.4	78.2	692	627	4336	1953	70	230	392	4028	10990
4500	3360	1490	560D-160V	96.6	96.7	96.3	88.0	86.3	81.2	761	632	4807	2197	70	230	464	4345	12170
5000	3750	1492	630C-200V	96.8	96.8	96.2	90.3	88.5	83.4	826	736	6077	2438	70	250	762	4616	14460
5500	4100	1492	630C-200V	96.9	96.9	96.4	90.5	88.8	84.1	900	725	6523	2682	70	250	803	4878	14810
6000	4500	1492	630D-200V	96.9	96.9	96.5	90.8	89.3	84.9	984	715	7038	2926	70	250	856	5115	15650
6500	4850	1492	630D-200V	97.0	97.0	96.7	91.2	90.0	86.1	1055	700	7386	3170	70	250	934	5328	16400
7000	5200	1492	630E-200V	97.0	97.1	96.7	91.2	89.9	86.0	1131	716	8100	3414	70	250	987	5519	17190
7500	5600	1492	630E-200V	97.1	97.1	96.7	91.2	89.7	85.5	1217	745	9067	3658	70	250	1039	5689	17690
8000	6000	1490	710D-220V	97.0	97.1	96.9	92.7	91.9	89.1	1284	663	8514	3907	60	250	1312	5861	23490
9000	6700	1491	710D-220V	97.0	97.2	97.0	92.9	92.0	89.0	1431	708	10131	4392	60	250	1472	6089	25490

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

2. Tolerance : IEC 60034-1 or NEMA MG1.

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 3000V 50Hz

TYPICAL PERFORMANCE

OUTPUT		FULL	FRAME	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR	Max. Load	APPROX. WEIGHT  KGS
HP	(kW)	LOAD	NO.  (EZ)	FULL	3/4	1/2	FULL	3/4	1/2	Rated	Starting	Starting	Rated	Starting	Max.	GD <sup>2</sup>	GD <sup>2</sup>	
		RPM		LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M <sup>2</sup>	KG-M <sup>2</sup>	
500	375	989	355D-95U	94.5	94.7	94.3	84.8	80.8	71.6	90	692	623	368	110	250	61	2787	3280
600	450	989	355D-95U	94.8	94.8	94.2	82.9	78.3	68.2	110	692	763	441	110	250	67	3281	3480
700	520	989	400C-110U	94.6	94.9	94.6	86.2	83.2	75.4	123	680	835	515	90	250	102	3763	3980
800	600	990	400D-110U	94.9	95.1	94.8	86.4	83.2	75.2	141	725	1021	588	90	250	119	4224	4360
900	670	989	450B-125U	94.7	94.9	94.5	84.5	81.0	72.5	161	626	1009	662	80	240	131	4696	4760
1000	750	989	450B-125U	94.9	95.1	94.8	85.4	82.3	74.4	178	630	1122	736	80	240	147	5148	5130
1250	930	989	450C-125U	95.2	95.5	95.2	86.8	84.1	76.8	217	683	1479	920	100	250	200	6243	5880
1500	1120	990	450D-125U	95.5	95.7	95.4	86.7	83.7	76.0	260	725	1887	1102	100	250	232	7274	6950
1750	1320	990	500B-160U	95.3	95.4	94.9	83.7	79.9	71.2	318	636	2025	1286	80	250	301	8281	7480
2000	1500	990	500C-160U	95.5	95.6	95.2	84.6	81.3	73.3	357	631	2255	1470	80	240	342	9252	8120
2250	1680	990	500D-160U	95.6	95.7	95.3	84.4	80.7	72.1	401	674	2701	1654	90	250	381	10190	8620
2500	1850	991	500D-160U	95.9	96.0	95.5	84.4	80.6	71.7	440	717	3154	1836	100	250	442	11068	9220
3000	2240	991	560D-160U	96.0	96.1	95.7	88.0	85.7	79.8	510	678	3460	2203	90	250	608	12792	11390
3500	2650	994	630C-200V	96.6	96.6	96.2	85.6	83.8	78.0	617	634	3910	2562	90	220	982	14301	13790
4000	3000	994	630C-200V	96.7	96.7	96.3	85.4	83.5	77.5	699	635	4439	2928	90	220	1046	15816	14450
4500	3360	994	630D-200V	96.8	96.8	96.3	85.3	83.0	76.3	783	692	5419	3294	100	210	1182	17246	15800
5000	3750	994	630D-200V	96.8	96.9	96.5	85.7	83.8	77.9	870	650	5655	3660	90	200	1286	18596	16450
5500	4100	994	710C-220V	97.1	97.2	97.1	87.1	86.3	82.3	933	577	5383	4026	60	200	1741	18380	20640
6000	4500	994	710D-220V	97.1	97.3	97.2	87.2	86.6	82.7	1023	576	5891	4392	60	200	1899	19494	22090
6500	4850	994	710D-220V	97.2	97.4	97.2	87.2	86.2	81.8	1101	607	6684	4758	70	210	1997	20546	22660

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

2. Tolerance : IEC 60034-1 or NEMA MG1.

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

8P 3000V 50Hz

TYPICAL PERFORMANCE

OUTPUT		FULL LOAD RPM	FRAME NO. (EZ)	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR GD <sup>2</sup> KG-M <sup>2</sup>	Max. Load GD <sup>2</sup> KG-M <sup>2</sup>	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	739	355C-95U	93.2	93.5	93.0	80.8	76.6	66.7	66	569	378	345	110	220	69	4114	2920
400	300	740	355D-95U	93.5	93.7	93.2	80.7	75.7	65.0	77	648	496	393	130	250	87	4633	3230
450	340	741	400B-110U	94.1	94.3	93.8	80.8	76.0	65.7	86	608	523	442	90	240	109	5141	3490
500	375	742	400B-110U	94.2	94.4	93.9	81.7	76.9	66.7	94	650	610	490	100	250	130	5638	3690
600	450	742	400C-110U	94.6	94.8	94.3	81.8	77.0	66.8	112	673	753	588	110	250	152	6649	4090
700	520	739	450B-125U	94.2	94.8	94.7	82.8	80.1	72.6	128	515	661	689	90	210	165	7714	4620
800	600	741	450B-125U	94.6	94.8	94.4	80.5	75.9	65.8	152	621	942	786	110	230	186	8636	4820
900	670	742	450B-125U	94.8	95.0	94.6	80.8	76.1	65.9	168	651	1096	883	120	240	209	9560	5090
1000	750	741	450B-125U	95.1	95.4	95.2	83.6	80.5	72.6	182	604	1097	982	110	210	242	10530	5470
1250	930	741	450D-125U	95.3	95.6	95.4	84.0	80.9	72.9	224	640	1431	1227	120	220	314	12814	6500
1500	1120	742	500B-160U	95.5	95.7	95.4	84.4	81.2	73.1	267	682	1824	1471	120	230	377	14967	7700
1750	1320	742	500D-160U	95.5	95.8	95.5	84.9	81.8	73.9	313	693	2171	1716	130	240	453	17092	8770
2000	1500	743	560B-180U	95.9	96.2	96.0	83.5	80.2	72.0	360	657	2368	1959	80	230	651	17657	9490
2250	1680	743	560C-180U	96.0	96.3	96.2	84.3	81.4	73.9	400	653	2609	2203	80	220	744	19503	10140
2500	1850	743	560D-180U	96.3	96.6	96.5	85.3	83.2	76.7	433	639	2770	2448	80	220	895	21299	11350
3000	2240	745	630D-200U	96.8	96.8	96.5	83.6	81.0	73.8	533	612	3260	2930	70	200	1610	24585	15610
3500	2650	745	630E-200U	96.9	96.9	96.6	83.4	80.3	72.6	631	653	4121	3418	70	210	1877	27850	17160
4000	3000	745	710C-220V	96.6	96.7	96.3	85.6	82.6	75.1	698	685	4783	3907	80	240	2091	30965	20060
4500	3360	745	710D-220V	96.7	96.7	96.4	85.9	83.1	75.9	778	680	5294	4395	80	230	2282	33943	21200
5000	3750	745	710D-220V	96.7	96.8	96.5	86.1	83.4	76.4	867	684	5929	4883	80	230	2531	36792	22440

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

2. Tolerance : IEC 60034-1 or NEMA MG1.

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.

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

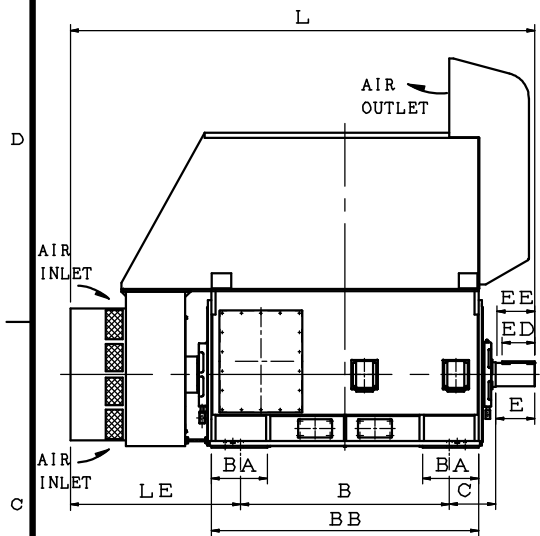


FIG. 1

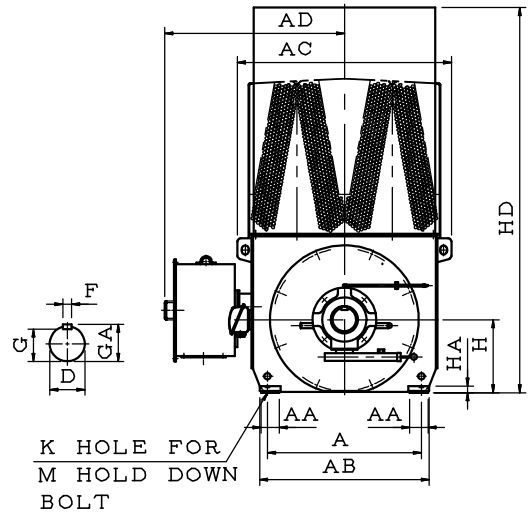
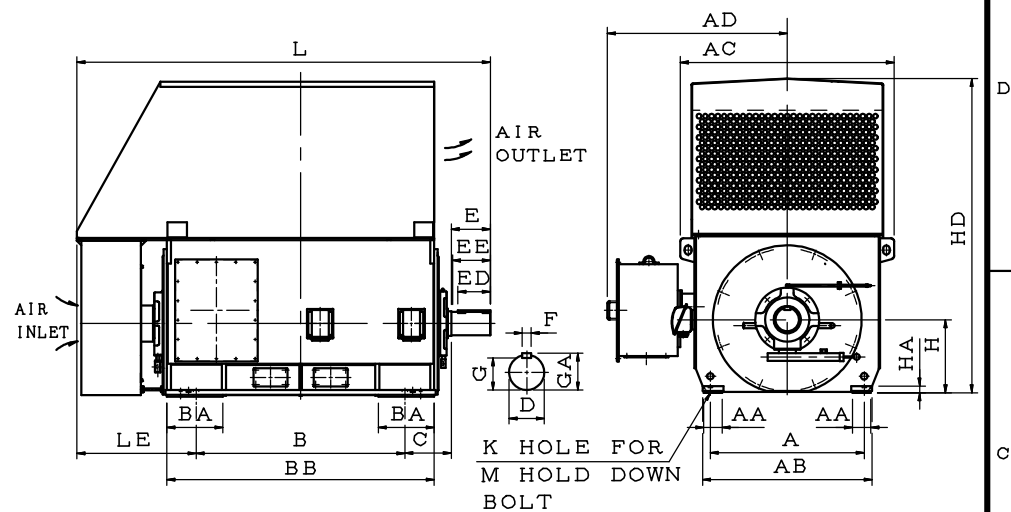


FIG. 2



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	2P	1	710	85	790	900	280	1200	254	35	M24	1220	1118	355	40	1940	2304	980	85	170	157	76	140	22	90	6218C3	6315C3	355C	
	4P	1																	110	210	200	100	160	28	116	6324	6320		
	8P	2																	1560	2114	750								
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	
	4P	1																	110	210	200	100	160	28	116	6324	6320		
	6P & 8P	2																	1560	2214	750								
355E	2P	1	710	85	790	1120	280	1420	254	35	M24	1220	1118	355	40	1940	2524	980	85	170	157	76	140	22	90	6218C3	6315C3	355E	
	4P	1																	110	210	200	100	160	28	116	6324	6320		
	6P & 8P	2																	1940	2564	980								
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								
	2P	1																	2140	2580	1010	85	170	157	76	140	22		90
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	2																	1665	2360	750								
	2P	1																	2140	2580	1010	85	170	157	76	140	22		90
400E	2P	1	800	95	900	1250	355	1610	280	42	M30	1320	1168	400	40	2140	2710	1010	85	170	157	76	140	22	90	6220C3	6315C3	400E	

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-710D

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

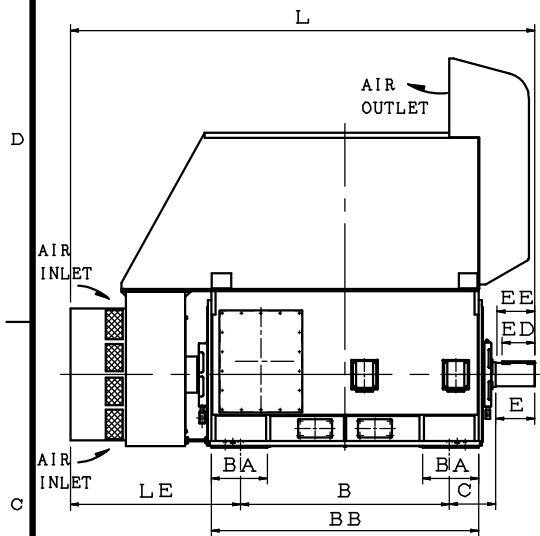
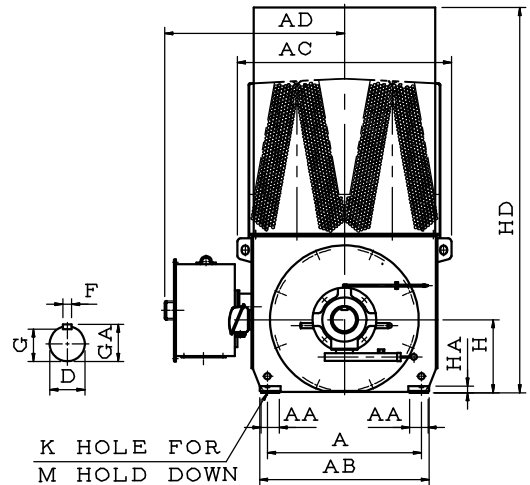


FIG. 1



K HOLE FOR  
M HOLD DOWN  
BOLT

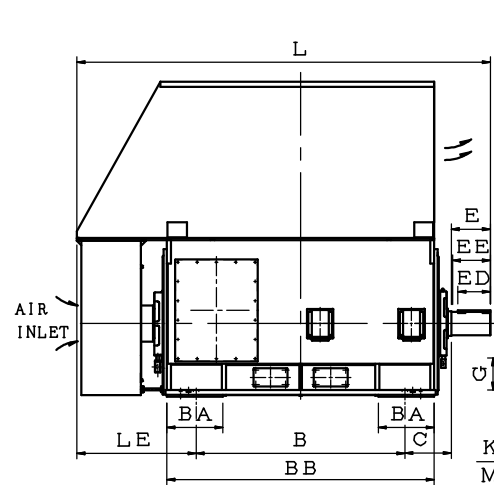
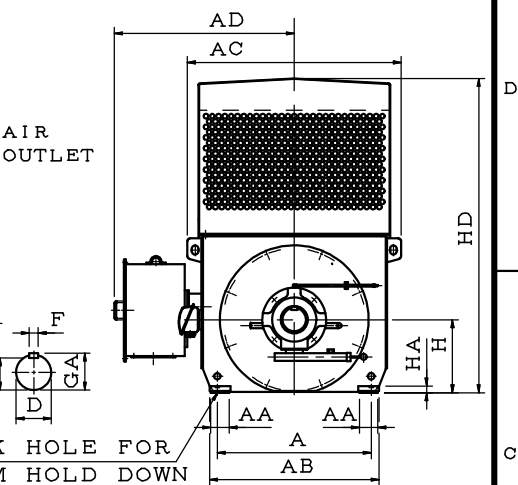


FIG. 2



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
													D	E	EE	G	ED	F	GA									
450A	8P	2	900	100	990	900	380	1420	315	42	M30	1460	1243	450	40	1785	2205	780	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
	8P	2																										
450C	2P	1	900	100	990	1120	380	1540	315	42	M30	1460	1243	450	40	2480	2645	1040	95	170	164	86	140	25	100	6220C3	6315C3	450C
	4P	1																										
	6P&8P	2																										
450D	2P	1	900	100	990	1250	380	1670	315	42	M30	1460	1243	450	40	2480	2775	1040	95	170	164	86	140	25	100	6220C3	6315C3	450D
	4P	1																										
	6P&8P	2																										
500B	4P	1	1000	140	1150	1120	405	1570	335	48	M36	1620	1308	500	40	2690	2930	1225	140	250	240	128	200	36	148	6330	6326	500B
	6P&8P	2																										
500C	4P	1	1000	140	1150	1250	405	1700	335	48	M36	1620	1308	500	40	2690	3060	1225	140	250	240	128	200	36	148	6330	6326	500C
	6P	2																										
500D	6P&8P	2	1000	140	1150	1400	405	1850	335	48	M36	1620	1308	500	40	1900	2900	865	160	300	290	147	250	40	169	6334	6330	500D
560B	8P	2	1180	140	1280	1250	430	1700	355	55	M42	1760	1378	560	53	2055	2820	915	180	300	290	165	250	45	190	6338	6334	560B

1. TOLERANCE OF SHAFT EXTENSION DIAMETER  $D=6$ .
2. TOLERANCE OF SHAFT CENTER HEIGHT  $H=9$ .
3. TOLERANCE OF KEY WIDTH  $F=9$ .
4. USABLE SHAFT LENGTH: EE
5. ANTI-FRICTION BEARINGS.

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

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

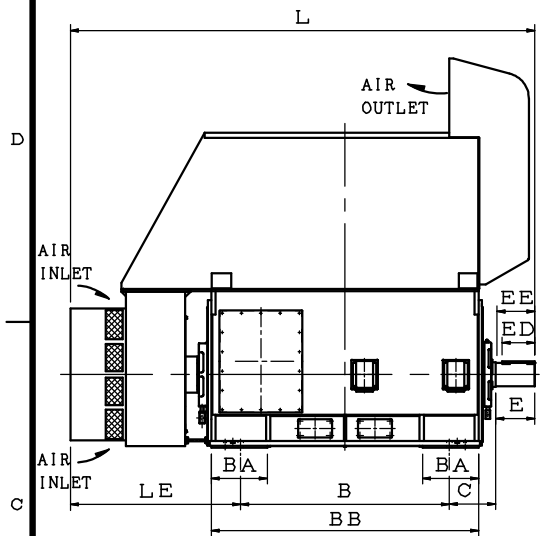
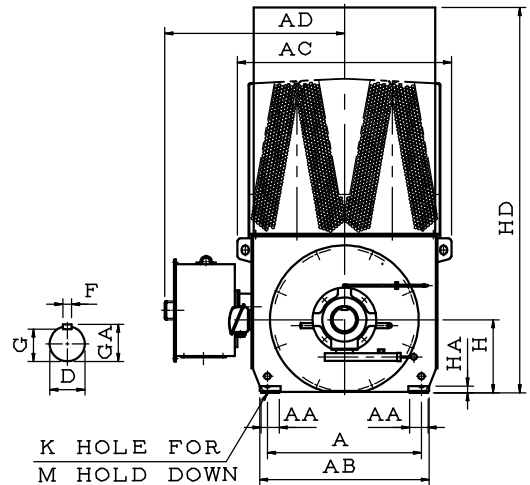


FIG. 1



K HOLE FOR  
M HOLD DOWN  
BOLT

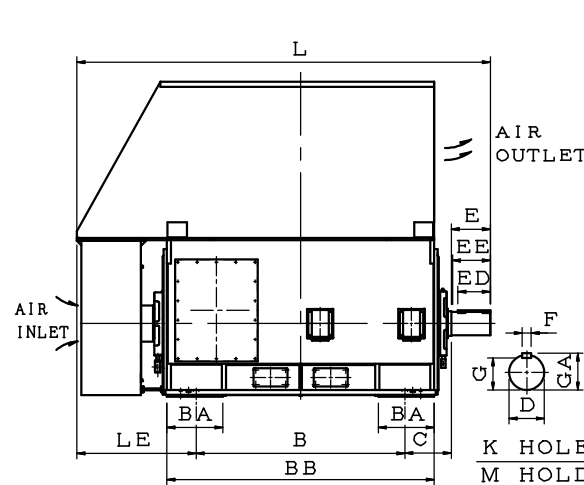
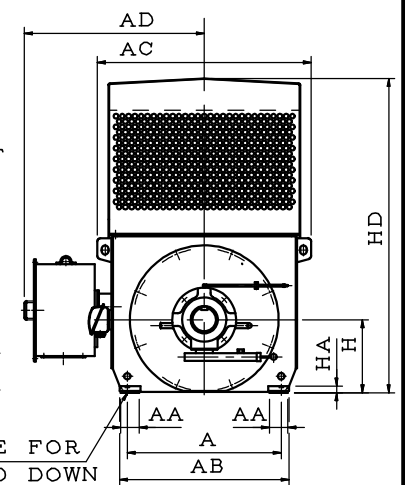


FIG. 2



K HOLE FOR  
M HOLD DOWN  
BOLT

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	
560C	8P	2	1180	140	1280	1400	430	1850	355	55	M42	1760	1378	560	53	2055	2970	915	180	300	290	165	250	45	190	6338	6334	560C
560D	6P & 8P	2	1180	140	1280	1600	430	2050	355	55	M42	1760	1378	560	53	2055	3170	915	180	300	290	165	250	45	190	6338	6334	560D
630C	6P	2	1250	160	1400	1600	480	2100	375	55	M42	1900	1513	630	58	2600	3280	955	200	350	337	185	280	45	210	NU244 +6244	NU238	630C
630D	6P 8P	2	1250	160	1400	1800	480	2300	375	55	M42	1900	1513	630	58	2600 2450	3480	955	200	350	337	185	280	45	210	NU244 +6244	NU238	630D
630E	8P	2	1250	160	1400	2000	480	2500	375	55	M42	1900	1513	630	58	2450	3680	955	200	350	337	185	280	45	210	NU244 +6244	NU238	630E
710C	6P 8P	2	1400	180	1570	1800	520	2350	475	55	M42	2240	1683	710	50	2970 2720	3605	980	220	350	337	203	280	50	231	NU248 +6048	NU244	710C
710D	6P 8P	2	1400	180	1570	2000	520	2550	475	55	M42	2240	1683	710	50	2970 2720	3805	980	220	350	337	203	280	50	231	NU248 +6048	NU244	710D

1. TOLERANCE OF SHAFT EXTENSION DIAMETER  $D = \pm 0.06$ .
2. TOLERANCE OF SHAFT CENTER HEIGHT  $H = \pm 0.05$ .
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-710D

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

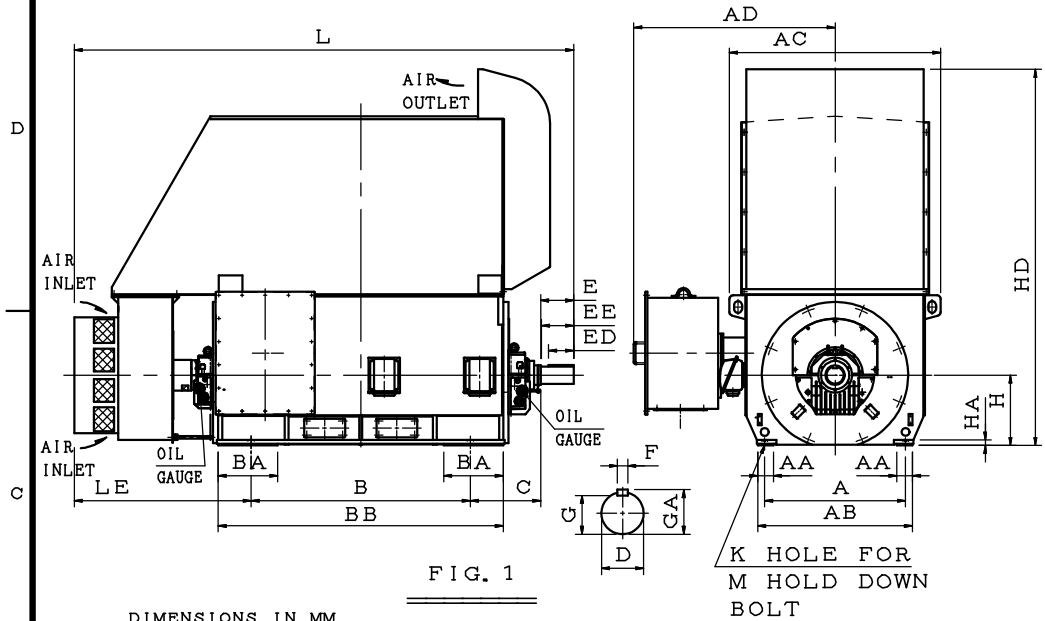


FIG. 1

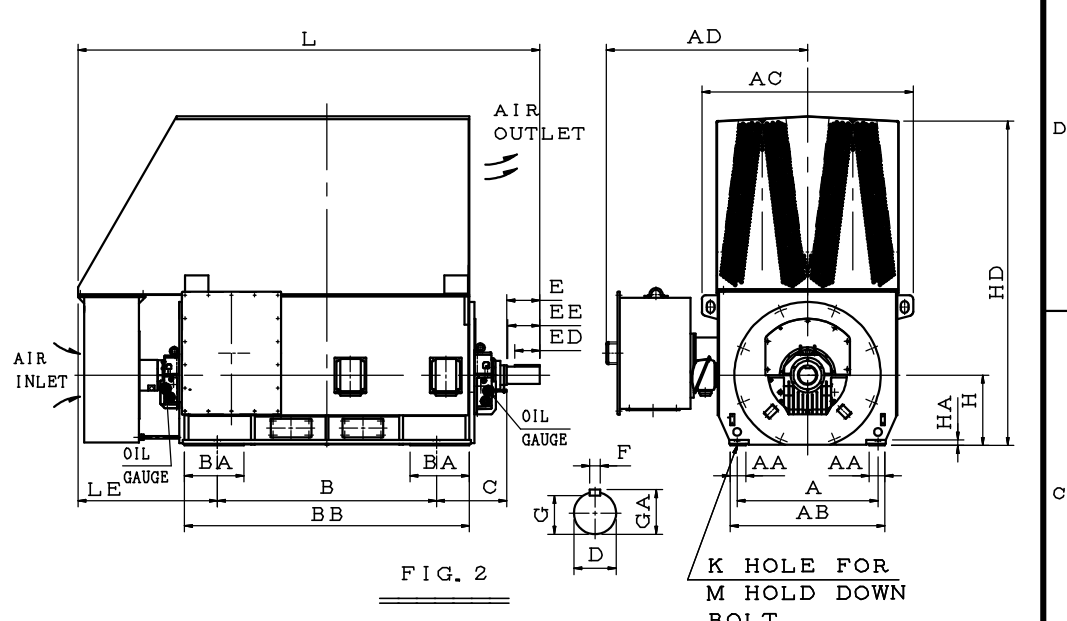


FIG. 2

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
	8P	2																										
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																											
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																											
400B	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
	6P & 8P	2																										
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	9S/80	9S/80	400D
	4P																											
400D	6P	2	800	95	900	1120	355	1480	400	42	M30	1320	1168	400	40	1710	2520	790	110	210	200	100	160	28	116	11/110	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	9S/80	9S/80	400E

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. 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  
 -PHASE INDUCTION MOTOR  
 FRAME NO. (EZ)355C-630E

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

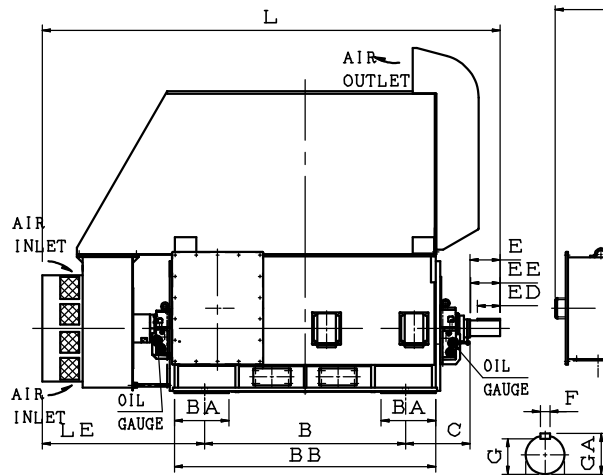


FIG. 1

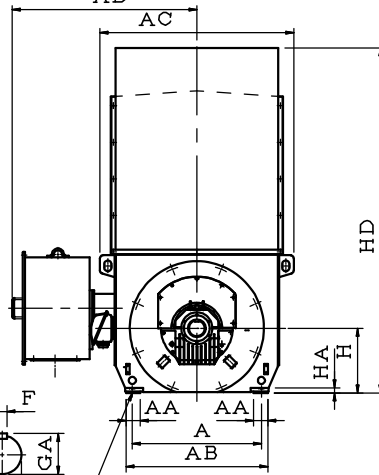


FIG. 2

K HOLE FOR  
M HOLD DOWN  
BOLT

K HOLE FOR  
M HOLD DOWN  
BOLT

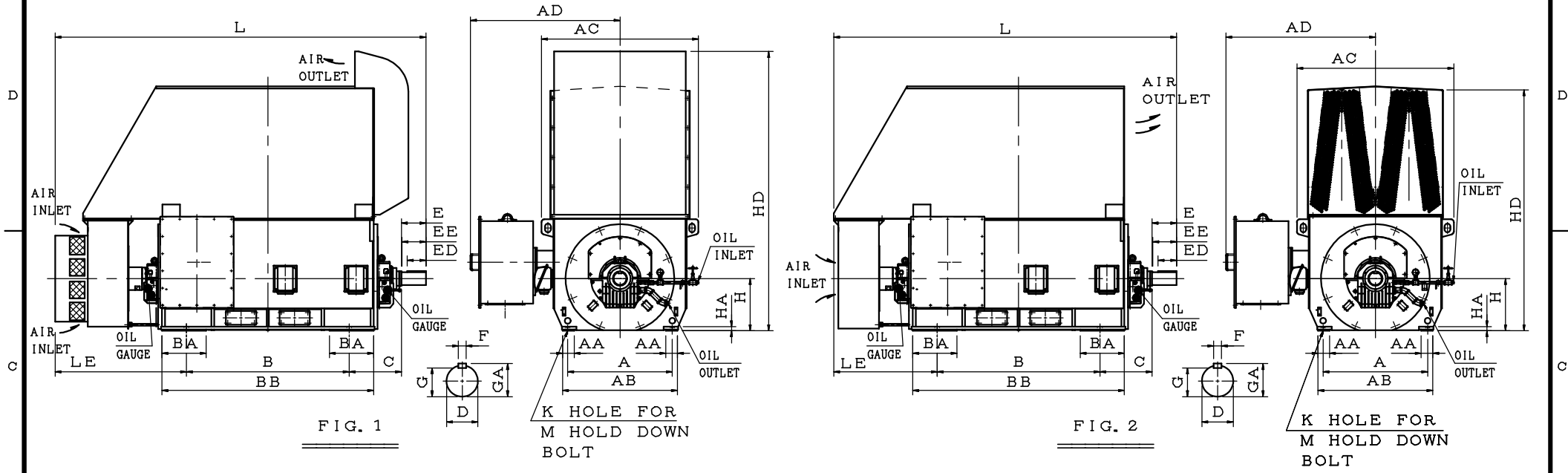
DIMENSIONS IN MM

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
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
	6P&8P	2																										
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
	6P	2																										
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	9S/90	9S/80	450D
450D	4P	1	900	100	990	1250	380	1670	450	42	M30	1460	1243	450	40	2480	3130	1220	125	210	204	114	160	32	132	11/125	11/110	450D
	6P&8P	2																										
500B	4P	1	1000	140	1150	1120	405	1570	500	48	M36	1620	1318	500	40	2690	3170	1300	140	250	244	128	200	36	148	14/140	11/125	500B
	6P&8P	2																										
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
	6P	2																										
500D	6P&8P	2	1000	140	1150	1400	405	1850	500	48	M36	1620	1318	500	40	2190	3100	900	160	300	294	147	250	40	169	14/160	11/125	500D
560B	8P	2	1180	140	1280	1250	430	1700	530	55	M42	1760	1388	560	53	2410	3050	970	180	300	287	165	250	45	190	18/180	14/140	560B
560C	8P	2	1180	140	1280	1400	430	1850	530	55	M42	1760	1388	560	53	2410	3200	970	180	300	287	165	250	45	190	18/180	14/140	560C
560D	6P	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
	8P																											
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  $H=\pm$
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  
-PHASE INDUCTION MOTOR  
FRAME NO. (EZ)355C-630E

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



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	
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	560C
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
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
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	1250	160	1400	1600	480	2100	560	55	M42	1900	1513	630	58	2838	3505	995	200	350	337	185	280	45	210	18/200	18/180	
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	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	
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
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	1400	180	1570	1800	520	2350	600	55	M42	2240	1683	710	50	3103	3770	1020	220	350	337	203	280	50	231	18/225	18/200	
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	1400	180	1570	2000	520	2550	600	55	M42	2240	1683	710	50	3103	3970	1020	220	350	337	203	280	50	231	18/225	18/200	

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 (EXTERNAL OIL CIRCULATION).
6. PROVISION FOR NONCONTACTIVE VIBRATION PROBE, DISTANCE OF 'C' HAVE TO BE CHANGED  $F \pm 500:600$ ,  $F \pm 560:630$ ,  $F \pm 630:670$ ,  $F \pm 710:710$

OUTLINE DIMENSIONS SHEET  
3-PHASE INDUCTION MOTOR  
FRAME NO. (EZ)500B-710D