

全密型氣對氣冷卻馬達 (TEAAC)

MODEL : AEZK

STANDARD 3-PHASE INDUCTION MOTORS
MEDIUM VOLTAGE (4000V/60Hz) SQUIRREL CAGE
FRAME NO. (EZ) 355B ~ 710D



DWG NO.

3A057H466E

REV. 07

		SPECIFICATION TABLE STANDARD 3-PHASE INDUCTION MOTORS MEDIUM VOLTAGE SQUIRREL CAGE		MODEL	
				AEZK 4000V 60Hz	
ITEM		STANDARD SPECIFICATION			
R A T I O N	KIND OF MOTOR	SQUIRREL-CAGE INDUCTION MOTOR (SCIM)			
	DESIGN STANDARD	IEC			
	VOLTAGE	4000V			
	FREQUENCY	60Hz			
	FRAME NO. (EZ)	355B ~ 710D			
	OUTPUT RANGE	450 ~ 10000HP (335 ~ 7500kW) 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)				
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 : -20 ~ 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. 3A057H479E 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. 3A057H479E, 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 ± 3 dB). 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											MODEL	
		3-PHASE SQUIRREL CAGE INDUCTION MOTORS											AEZK/XC/XJ	
		(ANTI-FRICTION BEARING)											4000V	
													60Hz	

TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0
2P 4000V 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		LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M ²	KG-M ²	
1250	930	3573	355D-85R	95.3	95.4	94.8	90.0	88.9	85.0	157	624	979	255	70	240	24	129	3730

- 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

4P 4000V 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
800	600	1782	355C-110R	94.8	94.9	94.2	82.7	79.4	71.5	110	551	605	327	60	210	37	731	3300
900	670	1781	355D-110R	95.0	95.1	94.6	83.5	80.7	73.5	122	546	667	368	60	210	42	808	3580
1000	750	1781	355D-110R	95.2	95.3	94.9	84.3	81.7	75.0	134	558	749	409	60	210	47	882	3680
1250	930	1786	400C-110R	95.3	95.3	94.7	86.1	83.5	77.1	164	667	1094	509	70	250	70	1052	4440
1500	1120	1786	400D-110R	95.5	95.6	95.1	86.8	84.5	78.8	195	663	1292	611	70	240	81	1217	4840
1750	1320	1786	450B-125R	95.6	95.6	95.0	85.9	83.2	76.1	229	594	1363	713	70	230	99	1373	5570
2000	1500	1784	450B-125R	95.7	95.9	95.6	87.7	86.3	81.5	257	537	1378	816	60	200	110	1524	5820
2250	1680	1784	450C-125R	95.9	96.1	95.8	88.2	86.6	81.7	286	572	1638	918	60	210	124	1664	6330
2500	1850	1784	450C-125R	96.1	96.3	95.9	88.1	86.6	81.7	318	569	1809	1020	60	210	129	1796	6430

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

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

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

6P 4000V 60Hz

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 ²	GD ²	
		RPM		LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M ²	KG-M ²	
500	375	1184	355B-110R	93.3	93.1	91.9	81.7	79.3	72.2	71	463	327	307	70	170	37.3	1789	2530
600	450	1184	355D-110R	93.6	93.4	92.6	82.4	80.4	73.9	84	455	381	369	70	170	40.8	2103	2590
700	520	1183	355D-110R	93.9	93.7	92.9	83.3	81.8	76.2	96	449	433	431	70	160	46.6	2414	2850
800	600	1185	400B-110R	93.7	93.5	92.7	84.7	83.4	78.1	109	467	507	491	60	170	68.2	2702	3070
900	670	1186	400C-110R	94.1	93.9	93.1	85.5	84.4	79.6	120	485	584	552	60	170	79.7	2986	3600
1000	750	1186	400D-110R	94.3	94.1	93.3	86.1	85.0	80.4	133	501	665	613	60	180	90.6	3271	3960
1250	930	1188	450B-125R	94.4	94.2	92.8	84.7	82.3	75.4	168	593	998	766	80	220	140.6	3939	4640
1500	1120	1187	450C-125R	94.7	94.5	93.5	85.5	83.6	77.6	200	568	1134	919	70	210	156.3	4600	4890
1750	1320	1188	450D-125R	95.0	94.8	94.0	86.2	84.3	78.6	230	598	1376	1072	80	220	190.7	5213	5040
2000	1500	1190	500B-140R	94.9	94.7	93.2	83.9	80.8	73.0	271	628	1700	1223	80	240	265.1	5786	7020
2250	1680	1190	500C-140R	95.1	95.0	93.6	84.4	81.3	73.4	302	672	2028	1376	80	250	311.9	6358	7700
2500	1850	1189	500D-140R	95.4	95.3	94.1	84.8	82.1	75.1	333	617	2052	1530	80	230	311.9	6923	7900
3000	2240	1191	560B-160R	95.1	95.0	93.1	85.2	82.8	76.0	399	596	2378	1833	60	230	438.6	7932	8850
3500	2650	1190	560C-160R	95.4	95.2	93.8	86.0	84.5	79.1	460	541	2488	2140	60	200	472.4	8919	9380
4000	3000	1193	630B-200R	95.1	94.9	93.0	87.3	85.9	80.8	519	694	3603	2440	60	220	785.8	9757	11790
4500	3360	1192	630B-200R	95.3	95.1	93.5	87.4	86.6	82.7	582	619	3603	2747	80	190	785.8	10617	11790
5000	3750	1192	630C-200R	95.5	95.4	94.0	87.6	86.9	83.2	644	625	4024	3052	90	190	865.3	11399	12390
5500	4100	1192	630D-200R	95.7	95.5	94.3	87.9	87.4	83.8	704	634	4466	3357	90	190	975.7	12128	13750
6000	4500	1193	630D-200R	95.9	95.7	94.6	88.2	87.5	83.8	764	665	5082	3659	100	200	1104.3	12778	14770
6500	4850	1194	710C-220R	95.4	95.2	93.5	87.3	87.8	85.7	840	567	4762	3961	60	160	1646.8	12373	21050
7000	5200	1194	710C-220R	95.6	95.5	93.8	87.7	87.6	84.8	899	625	5615	4266	70	170	1794.6	12912	21560
7500	5600	1194	710C-220R	95.7	95.6	94.0	87.4	87.8	85.5	965	582	5615	4570	70	160	1794.6	13411	22050
8000	6000	1195	710D-220R	95.9	95.8	94.2	87.5	86.8	82.9	1026	696	7143	4871	80	190	1903.8	13837	22230

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

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

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

8P 4000V 60Hz

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 ²	GD ²	
		RPM		LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M ²	KG-M ²	
450	340	888	355C-110R	93.2	93.1	92.2	77.8	73.1	62.9	67	531	355	369	90	210	54.7	3299	2340
500	375	888	355D-110R	93.6	93.5	92.6	80.4	77.0	68.2	72	521	373	410	90	190	66.5	3628	2640
600	450	892	400C-110R	94.4	94.3	93.4	82.2	78.3	69.1	83	636	529	489	90	240	123.9	4227	3420
700	520	891	400C-110R	94.3	94.2	93.3	83.4	80.6	73.1	96	552	529	572	80	200	123.9	4864	3420
800	600	891	400D-110R	94.7	94.5	93.7	83.6	80.6	72.9	109	589	641	653	80	220	147	5476	3820
900	670	891	450B-125R	94.7	94.6	93.7	82.5	80.5	73.5	124	527	654	735	80	180	176.4	6077	4850
1000	750	892	450B-125R	94.9	94.7	93.9	82.2	79.8	72.2	138	556	768	816	90	190	188.9	6647	5080
1250	930	892	450D-125R	95.2	95.1	94.2	82.7	79.8	71.8	171	618	1056	1020	100	210	248.6	8072	5620
1500	1120	892	450D-125R	95.5	95.3	94.5	82.8	80.5	73.1	204	582	1190	1224	100	190	261.1	9441	5890
1750	1320	892	500B-140R	95.4	95.3	94.4	81.9	78.8	70.7	241	594	1432	1427	100	200	314.8	10761	6500
2000	1500	892	500C-140R	95.6	95.4	94.6	82.2	79.2	71.3	274	600	1646	1631	100	200	358.8	12036	6930
2250	1680	893	560B-160R	95.5	95.3	94.3	83.7	81.2	73.7	303	640	1940	1833	70	220	670.5	12241	9310
2500	1850	894	560C-160R	95.8	95.7	94.6	83.8	81.2	73.7	335	656	2201	2035	80	230	734.3	13307	9720
3000	2240	893	560D-160R	96.0	95.8	95.0	84.1	82.0	75.1	400	631	2526	2444	70	210	808.9	15457	10310
3500	2650	893	630D-200R	96.0	95.9	94.7	85.0	82.8	76.0	462	683	3154	2852	90	230	1441.5	17454	14290
4000	3000	893	630D-200R	96.2	96.0	95.0	85.0	83.0	76.7	527	650	3423	3259	90	220	1441.5	19345	14290
4500	3360	893	630E-200R	96.3	96.1	95.2	84.2	81.6	74.3	598	682	4076	3667	90	230	1441.5	21139	15790
5000	3750	893	710C-220R	95.9	95.8	94.4	85.0	82.5	75.7	660	668	4409	4074	90	230	1990	22842	19700
5500	4100	893	710D-220R	96.0	95.9	94.7	85.6	83.7	77.7	721	631	4549	4481	90	210	2117.1	24461	19990
6000	4500	892	710D-220R	96.1	95.9	95.0	85.8	84.5	79.3	784	580	4549	4894	80	190	2117.1	26077	19990

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.

	PERFORMANCE DATA 3-PHASE SQUIRREL CAGE INDUCTION MOTORS (SLEEVE BEARING)	MODEL AEZK/XC/XJ 4000V 60Hz
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TEAAC, CLASS F INS, CLASS B TEMP, 40°C AMBIENT, S.F.1.0
 2P 4000V 60Hz

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 ²	GD ²	
		RPM		LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M ²	
1250	930	3573	355D-85U	95.3	95.4	94.8	90.0	88.9	85.0	157	624	979	255	70	240	24	129	3730
1500	1120	3572	355E-85U	95.5	95.7	95.3	90.7	89.9	87.0	186	611	1139	306	70	230	26	148	4070
1750	1320	3573	355E-85U	95.6	95.7	95.3	90.2	88.9	85.1	219	648	1416	356	70	250	27	164	4120
2000	1500	3579	400D-85U	95.6	95.6	94.9	90.4	89.1	85.1	249	673	1677	407	80	250	42	179	4990
2250	1680	3578	400E-85U	95.6	95.6	94.9	90.3	88.9	85.0	281	667	1872	458	80	250	44	192	5300
2500	1850	3578	400E-85U	96.0	96.0	95.4	91.1	90.1	86.9	308	668	2056	508	80	250	48	205	5350
3000	2240	3580	450D-95V	95.8	95.6	94.8	91.0	89.8	86.1	371	674	2497	610	90	250	68	226	6650
3500	2650	3581	450E-95V	96.0	95.8	95.1	91.6	90.3	86.6	429	741	3176	711	100	250	77	243	7230

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

4P 4000V 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			
800	600	1782	355C-95U	94.8	94.9	94.2	82.7	79.4	71.5	110	551	605	327	60	210	37	731	3300
900	670	1781	355D-95U	95.0	95.1	94.6	83.5	80.7	73.5	122	546	667	368	60	210	42	808	3580
1000	750	1781	355D-95U	95.2	95.3	94.9	84.3	81.7	75.0	134	558	749	409	60	210	47	882	3680
1250	930	1786	400C-110U	95.3	95.3	94.7	86.1	83.5	77.1	164	667	1094	509	70	250	70	1052	4440
1500	1120	1786	400D-110U	95.5	95.6	95.1	86.8	84.5	78.8	195	663	1292	611	70	240	81	1217	4840
1750	1320	1786	450B-125V	95.6	95.6	95.0	85.9	83.2	76.1	229	594	1363	713	70	230	99	1373	5570
2000	1500	1784	450B-125V	95.7	95.9	95.6	87.7	86.3	81.5	257	537	1378	816	60	200	110	1524	5820
2250	1680	1784	450C-125V	95.9	96.1	95.8	88.2	86.6	81.7	286	572	1638	918	60	210	124	1664	6330
2500	1850	1784	450C-125V	96.1	96.3	95.9	88.1	86.6	81.7	318	569	1809	1020	60	210	129	1796	6430
3000	2240	1788	500B-140V	96.0	95.9	95.3	87.9	86.1	80.9	383	619	2370	1221	60	230	212	2027	8210
3500	2650	1788	500D-140V	96.2	96.2	95.6	89.0	87.6	83.1	440	643	2830	1424	60	240	264	2244	9480
4000	3000	1788	500D-140V	96.3	96.3	95.8	89.2	87.9	83.6	501	646	3239	1628	60	230	290	2439	9830
4500	3360	1790	560C-160V	96.6	96.5	96.0	87.3	85.4	79.8	575	632	3631	1829	60	230	365	2604	11040
5000	3750	1790	560C-160V	96.7	96.7	96.2	88.1	86.5	81.5	632	645	4076	2032	60	230	419	2757	11740
5500	4100	1790	560D-160V	96.8	96.8	96.3	88.8	87.2	82.4	689	677	4664	2236	70	240	492	2891	13020
6000	4500	1792	630C-200V	96.7	96.5	95.8	91.1	89.6	85.2	733	753	5522	2436	70	250	830	2999	15010
6500	4850	1792	630D-200V	96.7	96.6	95.9	91.4	90.0	86.1	792	733	5804	2639	70	250	883	3099	15950
7000	5200	1792	630D-200V	96.8	96.7	96.1	91.5	90.3	86.7	851	725	6170	2842	60	250	934	3183	16400
7500	5600	1792	630D-200V	96.8	96.7	96.2	91.6	90.5	86.9	911	727	6621	3045	60	250	987	3251	16900
8000	6000	1792	630E-200V	96.9	96.8	96.2	91.7	90.5	86.9	969	738	7154	3248	70	250	1039	3306	17640
9000	6700	1791	710D-220V	96.9	96.9	96.5	92.7	91.7	88.8	1079	674	7271	3656	50	250	1312	3378	23990
10000	7500	1791	710D-220V	96.9	96.9	96.5	92.8	91.7	88.5	1197	723	8657	4063	60	250	1432	3392	24990

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 4000V 60Hz

TYPICAL PERFORMANCE

OUTPUT		FULL LOAD RPM	FRAME NO. (EZ)	EFFICIENCY			POWER FACTOR			CURRENT			TORQUE			ROTOR		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	GD ² KG-M ²			
500	375	1188	355B-95U	93.8	93.7	92.6	83.3	79.8	71.1	69	594	409	306	90	220	45	1774	2790	
600	450	1188	355C-95U	94.2	94.1	93.2	84.5	81.3	73.4	81	602	489	367	90	220	54	2086	3060	
700	520	1188	355D-95U	94.5	94.4	93.6	84.9	81.7	73.8	94	627	589	429	90	230	64	2389	3480	
800	600	1189	400B-110U	94.8	94.9	94.3	84.9	81.9	74.1	107	617	660	490	70	230	86	2679	3610	
900	670	1189	400B-110U	95.0	95.2	94.7	86.0	83.5	76.6	119	617	732	551	70	230	102	2968	3710	
1000	750	1188	400D-110U	95.1	95.3	95.0	86.8	85.0	79.1	130	594	775	612	70	210	118	3257	4810	
1250	930	1188	450B-125U	94.8	94.8	94.1	85.6	82.8	75.6	166	627	1040	766	80	230	156	3939	5040	
1500	1120	1188	450C-125U	95.0	95.1	94.6	86.9	84.9	79.1	196	604	1182	919	80	220	199	4590	5880	
1750	1320	1189	450D-125U	95.3	95.4	94.8	86.8	84.4	77.8	228	665	1515	1071	90	240	230	5202	5960	
2000	1500	1189	500B-140U	95.5	95.6	95.1	85.0	82.2	75.0	265	590	1565	1224	70	220	268	5799	7130	
2250	1680	1190	500C-140U	95.7	95.7	95.1	85.0	81.7	73.6	298	669	1992	1376	80	250	324	6358	7970	
2500	1850	1190	500D-140U	96.0	96.0	95.4	85.7	82.7	75.4	327	662	2166	1529	80	250	362	6908	8320	
3000	2240	1191	560B-160U	96.2	96.3	95.9	87.4	85.5	80.0	384	594	2282	1833	60	220	519	7932	10090	
3500	2650	1191	560C-160U	96.4	96.4	95.9	87.0	84.4	77.7	449	675	3033	2138	80	250	591	8899	11220	
4000	3000	1194	630C-200V	96.7	96.7	96.2	85.5	84.0	78.6	521	604	3146	2438	70	210	898	9735	13650	
4500	3360	1194	630C-200V	96.8	96.8	96.3	85.7	84.3	79.0	584	616	3598	2742	80	210	1014	10569	14400	
5000	3750	1194	630C-200V	96.9	96.9	96.5	85.9	84.4	79.1	647	630	4075	3047	80	210	1119	11347	15150	
5500	4100	1194	630D-200V	96.9	96.9	96.5	85.7	84.0	78.2	713	654	4664	3352	80	220	1182	12073	16020	
6000	4500	1194	630D-200V	96.9	96.9	96.5	85.5	83.2	76.7	780	698	5443	3656	90	210	1286	12748	16720	
6500	4850	1194	710C-220V	97.1	97.2	96.9	86.3	85.2	80.5	835	581	4853	3961	60	200	1586	12373	20790	
7000	5200	1194	710C-220V	97.1	97.2	97.0	86.6	86.0	82.2	896	551	4939	4266	50	190	1762	12912	21490	
7500	5600	1194	710D-220V	97.2	97.3	97.0	86.8	85.8	81.3	957	594	5686	4570	60	210	1850	13411	23070	
8000	6000	1194	710D-220V	97.2	97.3	97.1	86.9	85.8	81.3	1020	610	6221	4875	60	210	1997	13871	23470	

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 4000V 60Hz

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 ²	GD ²	
		RPM		LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	A	%	A	KG-M	%FLT	%FLT	KG-M ²	KG-M ²	
450	340	889	355C-95U	93.8	94.0	93.4	82.0	78.5	69.7	63	572	360	368	100	210	75	3290	2970
500	375	890	355D-95U	94.0	94.1	93.4	81.2	76.9	67.0	71	632	446	409	110	240	84	3608	3180
600	450	890	400B-110U	94.4	94.7	94.2	82.0	78.3	69.5	83	542	452	491	70	210	110	4250	3530
700	520	891	400C-110U	94.8	94.9	94.3	82.1	77.8	68.4	97	616	597	572	90	230	139	4864	3890
800	600	892	400D-110U	95.0	95.1	94.5	82.5	78.2	68.8	110	651	716	653	100	250	167	5461	4410
900	670	890	450B-125U	94.8	95.0	94.7	82.4	79.4	71.6	124	537	666	736	90	220	176	6094	4840
1000	750	890	450B-125U	95.0	95.3	94.9	83.2	80.6	73.4	136	541	737	818	90	210	199	6684	4940
1250	930	891	450C-125U	95.3	95.5	95.0	82.9	79.4	71.1	170	620	1056	1021	110	220	253	8094	5670
1500	1120	891	450D-125U	95.5	95.6	95.3	83.2	79.8	71.6	203	629	1279	1225	110	220	293	9467	6400
1750	1320	891	500B-140U	95.5	95.7	95.3	83.6	80.7	73.3	236	596	1407	1429	110	200	351	10791	7300
2000	1500	891	500C-140U	95.6	95.8	95.5	84.1	81.5	74.4	268	603	1615	1633	110	200	408	12070	7990
2250	1680	893	560B-160U	95.9	96.0	95.6	83.0	79.9	72.1	304	610	1857	1833	70	210	668	12241	9590
2500	1850	893	560B-160U	96.2	96.2	95.8	83.3	80.2	72.6	336	621	2086	2037	70	220	731	13345	9940
3000	2240	893	560D-160U	96.4	96.4	96.0	83.5	80.3	72.4	401	670	2689	2444	80	230	909	15457	11550
3500	2650	895	630D-200U	96.6	96.5	95.9	83.8	81.4	74.7	466	609	2835	2845	60	200	1610	17353	15520
4000	3000	895	630E-200U	96.7	96.7	96.1	84.1	82.1	76.0	530	592	3135	3252	60	210	1877	19232	17110
4500	3360	895	710C-220V	96.7	96.6	96.1	85.4	82.3	74.5	587	704	4131	3658	70	240	1995	21015	19700
5000	3750	895	710C-220V	96.7	96.7	96.2	85.4	82.3	74.6	652	702	4577	4065	70	240	2112	22707	20350
5500	4100	895	710D-220V	96.8	96.8	96.4	86.1	83.4	76.5	711	685	4867	4471	70	230	2363	24315	21490
6000	4500	895	710D-220V	96.8	96.8	96.4	86.0	83.3	76.1	776	705	5471	4878	70	240	2553	25843	22190

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.

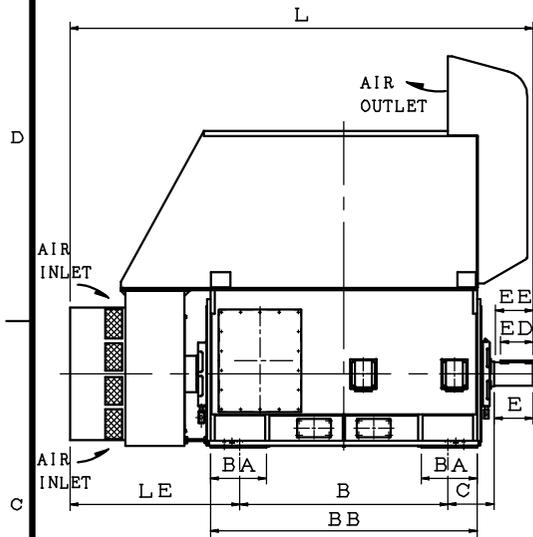
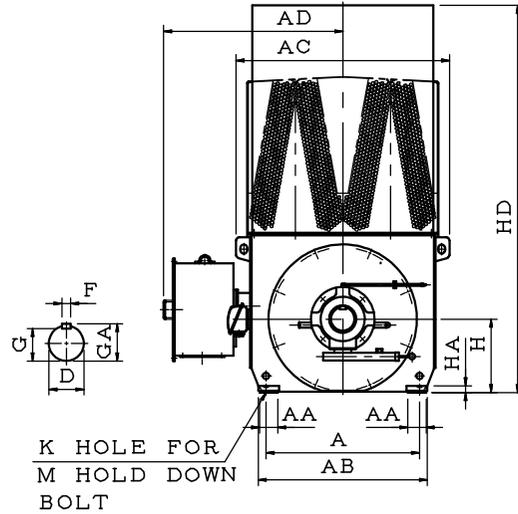


FIG. 1



K HOLE FOR
M HOLD DOWN
BOLT

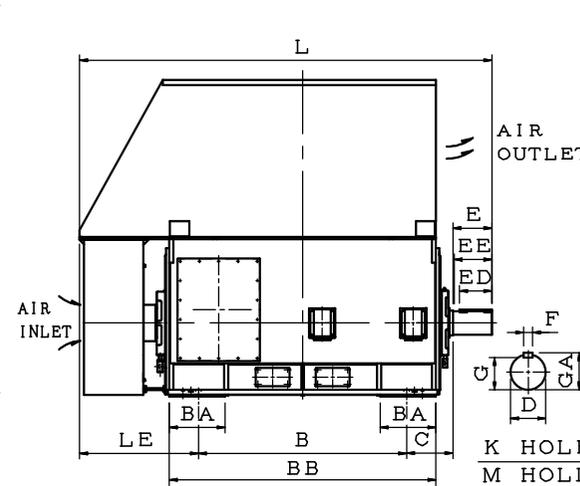
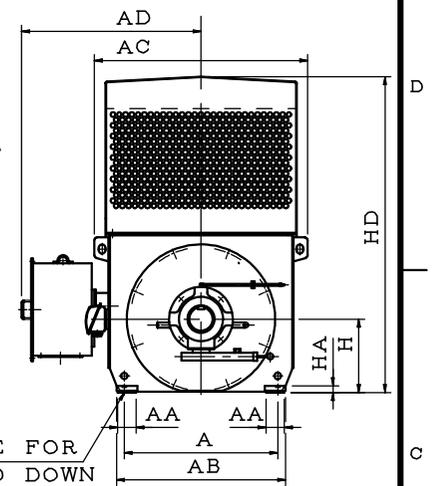


FIG. 2



K HOLE FOR
M HOLD DOWN
BOLT

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	
																				D	E	EE	G	ED	F	GA	DRIVE END	
355B	6P	2	710	85	790	800	280	1100	254	35	M24	1220	1118	355	40	1560	2014	750	110	210	200	100	160	28	116	6324	6320	355B
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
	6P&8P	2																										
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																										
400B	6P	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	1540	280	42	M30	1320	1168	400	40	2140	2500	1010	110	210	200	100	160	28	116	6324	6320	400C
	6P&8P	2																										
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																										

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)355B-710D

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

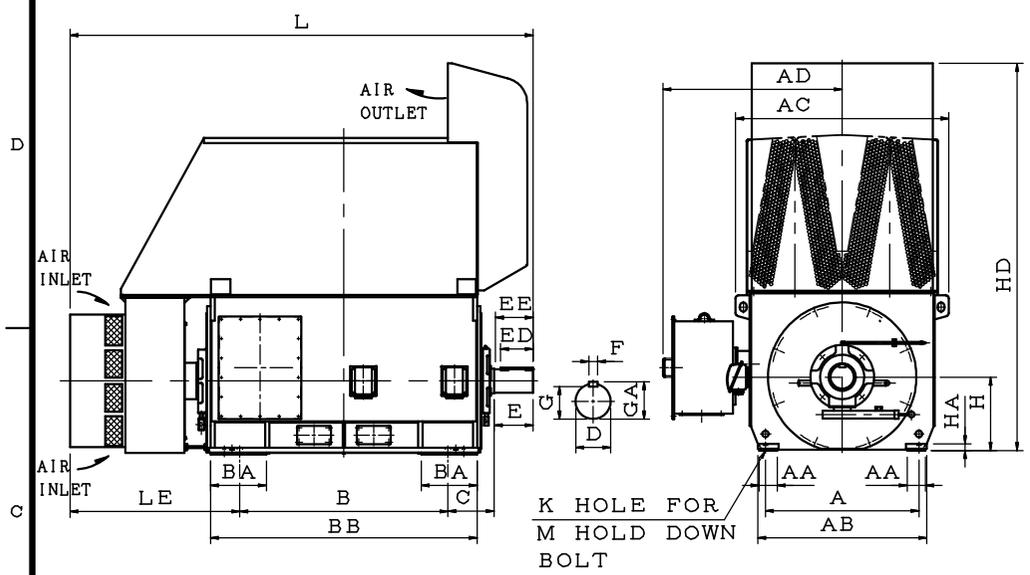


FIG. 1

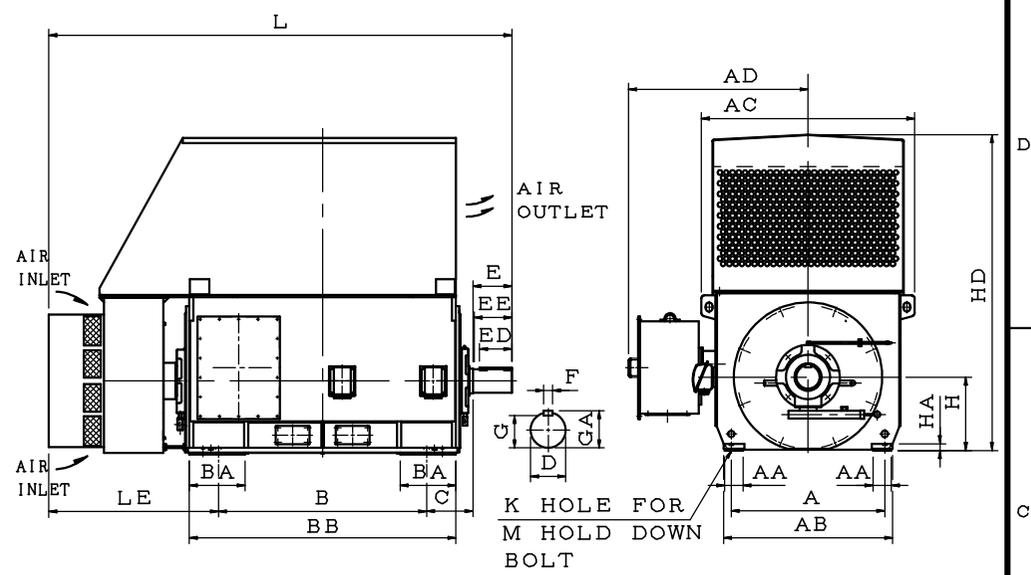


FIG. 3

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	315	42	M30	1460	1243	450	40	2480	2565	1040	125	210	202	114	160	32	132	6326	6322	450B
	6P&8P	3																										
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	3																										
450D	6P&8P	3	900	100	990	1250	380	1670	315	42	M30	1460	1243	450	40	1785	2915	1140	125	210	202	114	160	32	132	6326	6322	450D
500B	6P&8P	3	1000	140	1150	1120	405	1570	335	48	M36	1620	1308	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	1308	500	40	1900	3060	1225	140	250	240	128	200	36	148	NU230	6330	500C
500D	6P	3	1000	140	1150	1400	405	1850	335	48	M36	1620	1308	500	40	1900	3210	1225	140	250	240	128	200	36	148	NU230	6330	500D
560B	6P	3	1180	140	1280	1250	430	1700	355	55	M42	1760	1378	560	53	2155	3180	1275	160	300	290	147	250	40	169	NU234	NU230+	560B
	8P															2055											6230	
560C	6P	3	1180	140	1280	1400	430	1850	355	55	M42	1760	1378	560	53	2155	3330	1275	160	300	290	147	250	40	169	NU234	NU230+	560C
	8P															2055											6230	
560D	8P	3	1180	140	1280	1600	430	2050	355	55	M42	1760	1378	560	53	2055	3530	1275	160	300	290	147	250	40	169	NU234	NU230+	560D

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)355B-710D

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

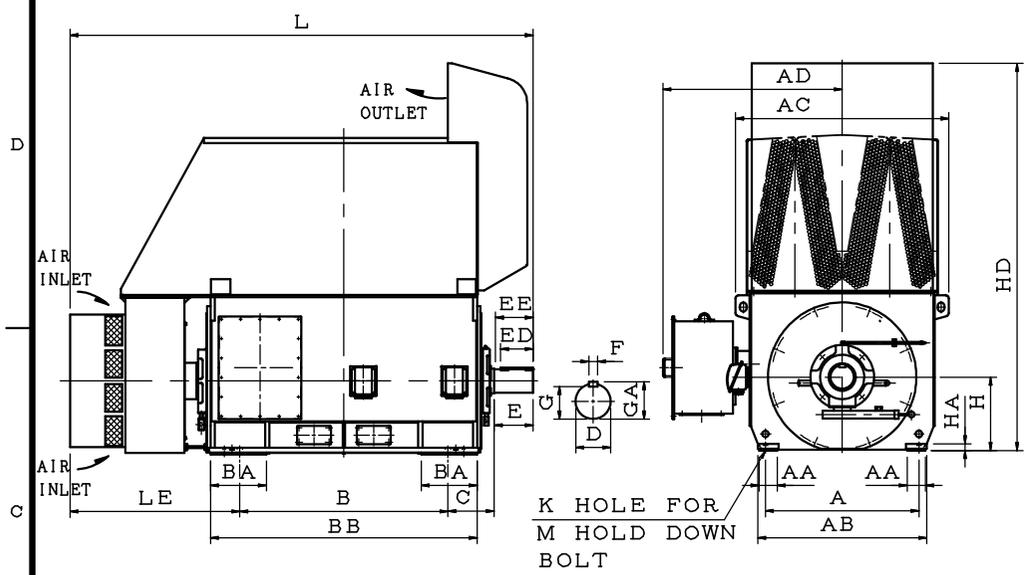


FIG. 1

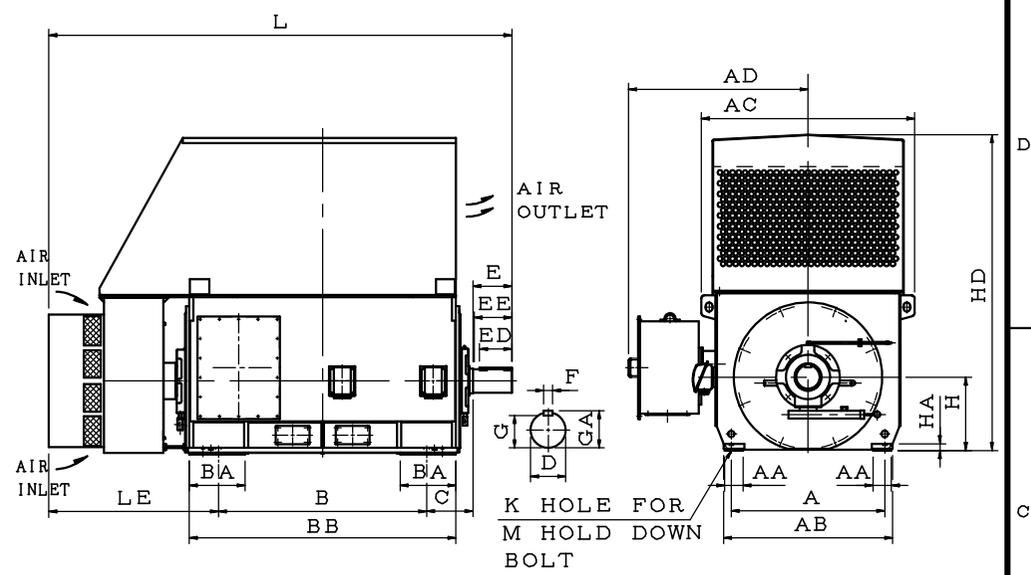


FIG. 3

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	
630B	6P	3	1250	160	1400	1400	480	2100	375	55	M42	1900	1513	630	58	2760	3455	1330	200	350	337	185	280	45	210	NU244 +6244	NU238	630B
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	3	1250	160	1400	1800	480	2300	375	55	M42	1900	1513	630	58	2760	3855	1330	200	350	337	185	280	45	210	NU244 +6244	NU238	630D
	8P																											
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
710C	6P	3	1400	180	1570	1800	520	2350	475	55	M42	2240	1683	710	50	3070	4000	1375	220	350	337	203	280	50	231	NU248 +6048	NU244	710C
	8P																											
710D	6P	3	1400	180	1570	2000	520	2550	475	55	M42	2240	1683	710	50	3070	4200	1375	220	350	337	203	280	50	231	NU248 +6048	NU244	710D
	8P																											

1. TOLERANCE OF SHAFT EXTENSION DIAMETER $D=6$.
2. TOLERANCE OF SHAFT CENTER HEIGHT $H=0.05$.
3. TOLERANCE OF KEY WIDTH $F=h.9$.
4. USABLE SHAFT LENGTH:EE
5. ANTI-FRICTION BEARINGS.

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

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

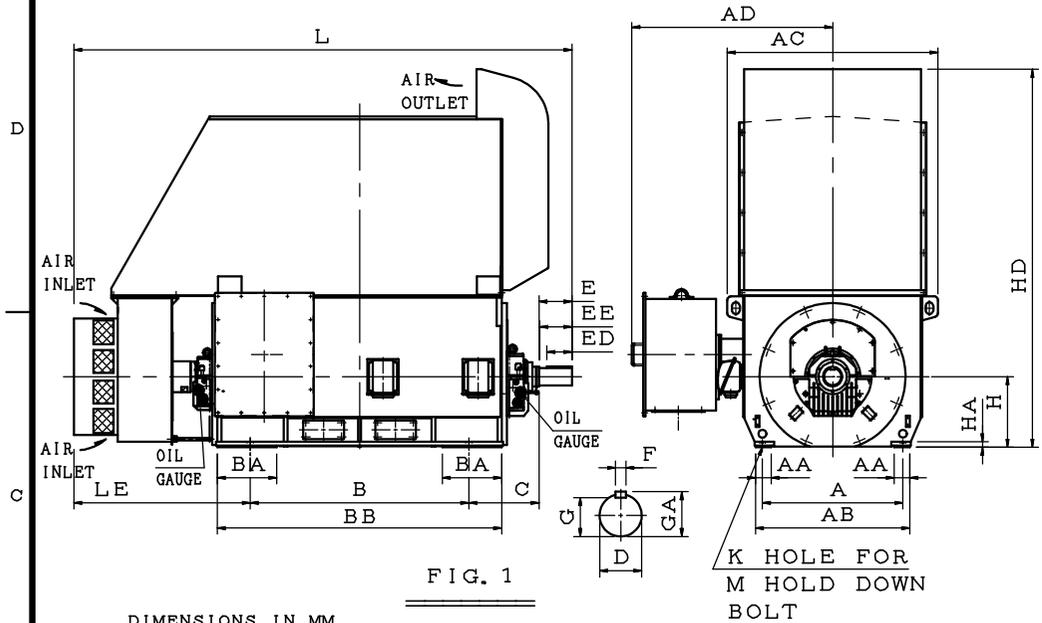


FIG. 1

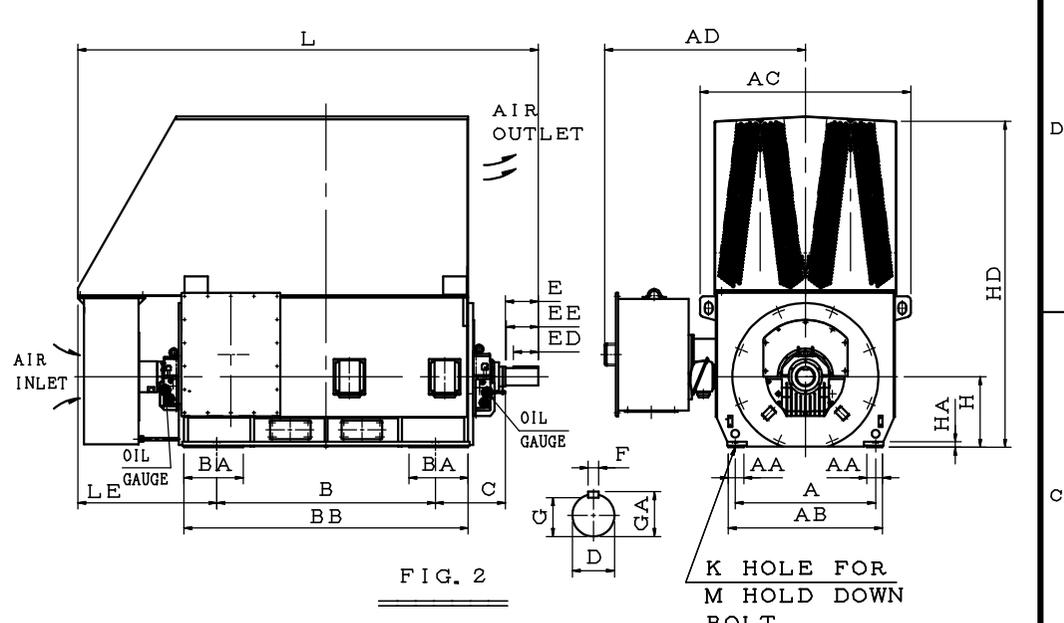


FIG. 2

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	
355B	6P	2	710	85	790	800	280	1100	355	35	M24	1220	1118	355	40	1510	2085	760	95	170	164	86	140	25	100	9S/90	9S/80	355B
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&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																		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
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	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																2870		110	210	200	100	160	28	116	11/110	9/80	
400D	6P&8P	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	2960	3010	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 $H = \pm$
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
 3-PHASE INDUCTION MOTOR
 FRAME NO. (EZ)355B-630E

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

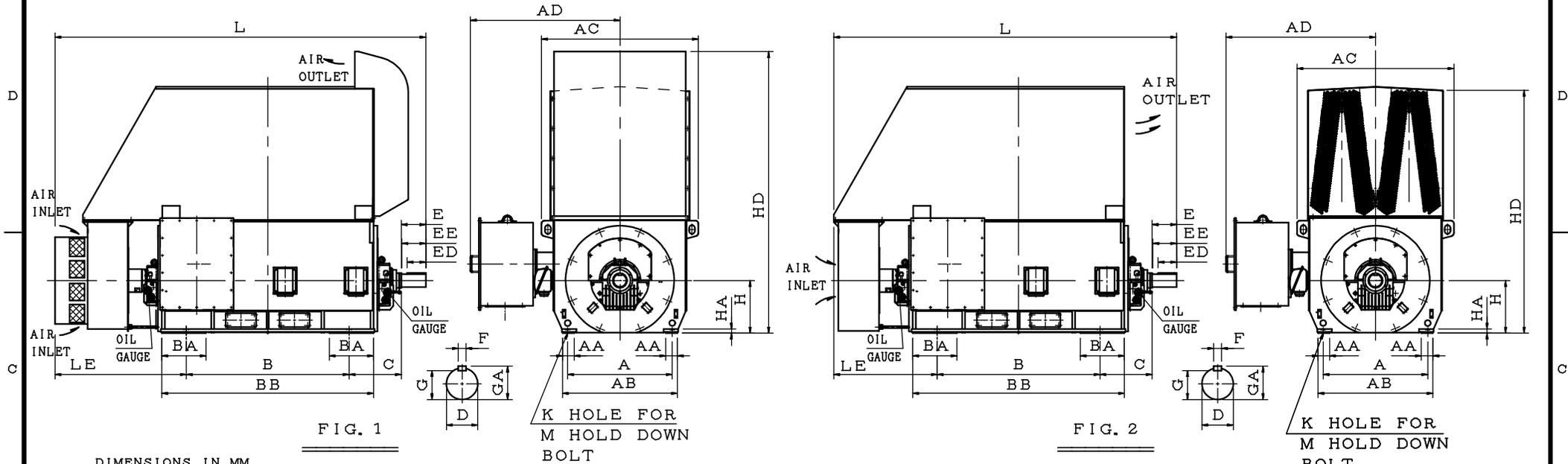


FIG. 1

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	
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	6P&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
500B	6P&8P	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	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	6P&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	6P	2	1180	140	1280	1400	430	1700	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 $H=\pm$
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
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)355B-630E

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

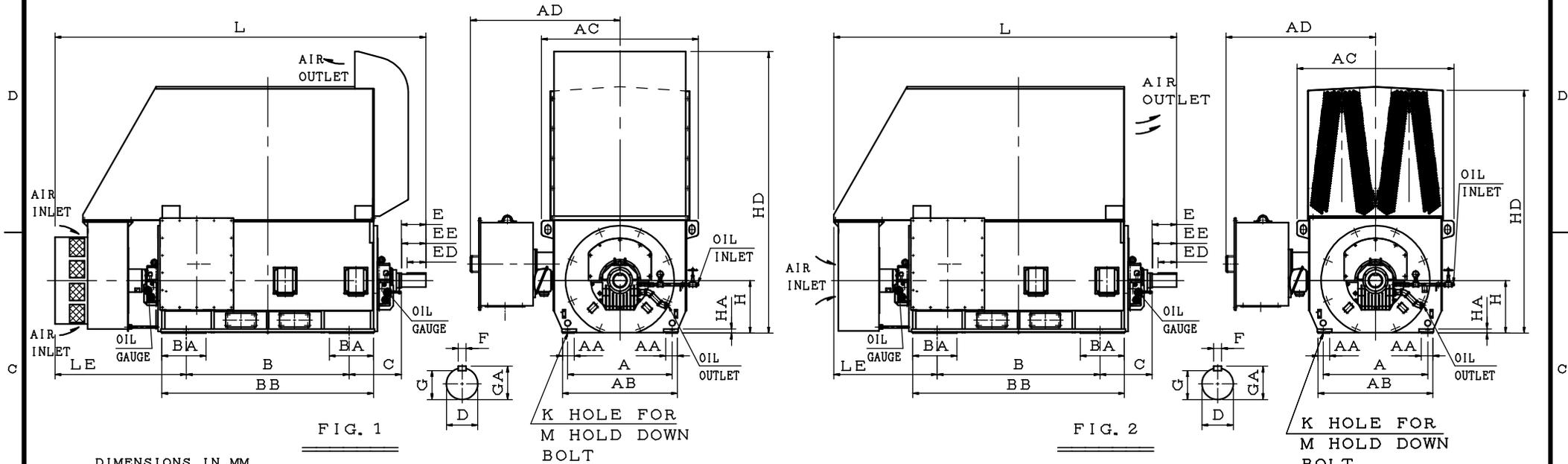


FIG. 1

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		
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	
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	
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	
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	
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																											2838
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
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	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	710C	
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

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 (EXTERNAL OIL CIRCULATION).
6. PROVISION FOR NONCONTACTIVE VIBRATION PROBE, DISTANCE OF "C" HAVE TO BE CHANGED F#450:530, F#500:600, F#560:630. F#630:670, F#710:710

OUTLINE DIMENSIONS SHEET
3-PHASE INDUCTION MOTOR
FRAME NO. (EZ)450B-710D