



東元**IE3**低壓粉塵防爆馬達 (For GB)

GB MODEL :TEBD

TYPE : AEEVXQ/AEUVXQ

HAZARDOUS AREAS
IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS
LOW VOLTAGE SQUIRREL CAGE TEFC
FRAME NOS. : 80M ~ 355



32057R9766

Rev. 01

		SPECIFICATION TABLE				TYPE	
		3-PHASE INDUCTION MOTORS LOW VOLTAGE SQUIRREL CAGE				AEEVXQ/AEU VXQ	
ITEM		STANDARD SPECIFICATION					
R A T I O N G	Kind of Motors	Squirrel - Cage Induction Motors (SCIM) .					
	Design Standards	IEC , GB					
	Voltages	380V.					
	Frequency	50Hz .					
	Output Range	0.55 kW ~ 400 kW .					
	R.P.M. (Syn.)	3000 ~ 1000 R.P.M. (2 ~ 6 Poles) .					
	Time Duty	Continuous. S1 , S.F. : 1.0 .					
	Frame Nos.	80M ~ 355 .					
	Protection Enclosure	Totally Enclosed (IP 65) .					
	Cooling Method	Self External Fan, Surface Cooling (IC 411) .					
Mounting	AEEVXQ : Horizontal Foot Mounted B3 (IM 1001) . AEU VXQ : Vertical Flange Mounted, Shaft Down V1 (IM 3011) .						
A P P L I C A T I O N	Environment Conditions	Place : Zone 21 Hazadous . Ambient Temperature : -20℃~55℃ . Relative Humidity : Less Than 90%RH (Non-Condensation) . Altitude : Less Than 1,000 Meters .					
	Certification Marking /Hazardous Location	ExtD A21 T135℃ @55℃(Tamp)IP65/Suitable for Zone 21,Dust.					
	Power Source Conditions	Voltage : ±10%, Frequency : ±5%, and 10% Max. of Combined Voltage and Frequency. But Frequency Variation Does Not Exceed ±5% .					
	Method of Starting	Full Voltage Direct On Line or Y - Δ Starting .					
	Drive Method	Belt Service, However, 2 Pole 45 kW and Above , 4 · 6 Pole F# 280 and Above,Direct-Coupling Service Only .					
	Direction of Rotation	CW According to IEC Definition, Suitable For Bi - Directional Operation .					
P E R F O R M A N C E	Test Procedure	GB/T 1032 Method B, IEC 60034-2-1 :2007 And Full Voltage Measuring Starting Performance .					
	Winding Temperature Rise	Not to Exceed 80 ℃ Rise by Resistance Method at S.F 1.0(50Hz)					
	Over Speed	120% Syn. R.P.M. for 2 Min .					
	Over Torque	160% Rated Torque for 15 Sec .					
	Vibration (r.m.s)	Vibration grade	Shaft height / mm	80 ≤ H ≤ 132	132 < H ≤ 280	H > 280	
			Mounting	Velocity mm/s	Velocity mm/s	Velocity mm/s	
		A	Free suspension	1.6	2.2	2.8	
			Rigid mounting	1.3	1.8	2.3	
Certification Number	F#	CJEx Number	F#	CJEx Number	F#	CJEx Number	
	80	CJEx19.0279	160	CJEx19.0284	280	CJEx19.0289	
	90	CJEx19.0280	180	CJEx19.0285	315	CJEx19.0290	
	100	CJEx19.0281	200	CJEx19.0286	355	CJEx19.0291	
	112	CJEx19.0282	225	CJEx19.0287			
	132	CJEx19.0283	250	CJEx19.0288			

PERFORMANCE DATA

TYPE
AEVXQ/AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS
LOW VOLTAGE SQUIRREL CAGE

TEFC, CLASS F, 40°C AMBIENT TEMP.
IEC ; GB DESIGN N CONTINUOUS DUTY
S.F. 1.0, 380V 50HZ

IE3

(2 Pole)

TYPICAL PERFORMANCE

(380 V)

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR GD ²	NOISE SOUND POWER NO-LOAD	APPROX. WEIGHT
				FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN			
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg	
0.75	1	2875	80M	80.7	78.3	75.1	84.5	78.0	66.5	1.67	780	0.254	280	275	335	0.006	78	18.5
1.1	1.5	2870	80M	82.7	83.0	81.3	85.0	78.5	66.5	2.38	800	0.373	300	295	350	0.007	78	20.0
1.5	2	2850	90S	84.2	85.4	85.8	90.5	87.0	78.0	2.99	800	0.512	220	210	280	0.012	78	26.5
2.2	3	2860	90L	85.9	86.7	86.8	89.5	85.0	75.5	4.35	850	0.748	245	235	315	0.014	78	29.0
3	4	2855	100L	87.1	88.3	88.4	90.0	86.5	78.5	5.81	880	1.022	255	240	355	0.025	82	41.0
4	5.5	2875	112M	88.1	89.0	88.9	91.0	87.5	80.0	7.58	950	1.354	270	250	360	0.046	83	51.0
5.5	7.5	2930	132S	89.2	89.8	89.5	86.0	84.0	77.5	10.9	800	1.826	205	205	340	0.075	85	70.5
7.5	10	2920	132S	90.1	90.9	90.8	87.0	84.5	77.5	14.5	725	2.499	195	195	315	0.081	85	72.5
11	15	2935	160M	91.2	92.0	92.0	90.0	89.0	83.5	20.4	775	3.647	230	185	285	0.183	87	127
15	20	2935	160M	91.9	92.0	92.0	89.0	85.5	77.5	27.9	865	4.973	275	230	330	0.205	87	127
18.5	25	2930	160L	92.4	93.0	93.0	90.0	89.5	84.0	33.8	810	6.144	245	200	295	0.237	87	137
22	30	2940	180M	92.7	92.7	92.5	87.0	85.0	77.0	41.4	760	7.281	225	180	275	0.283	88	175
30	40	2950	200L	93.3	93.5	92.5	90.0	90.0	86.5	54.3	775	9.895	200	145	270	0.602	90	258
37	50	2955	200L	93.7	94.5	94.0	91.0	90.5	87.0	65.9	815	12.18	195	145	280	0.753	90	293
45	60	2960	225M	94.0	94.0	93.5	91.0	91.0	88.0	79.9	810	14.79	150	140	290	1.187	92	319
55	75	2970	250M	94.3	94.5	94.0	91.5	90.0	86.5	96.8	800	18.02	150	130	315	1.544	92	437
75	100	2970	280S	94.7	94.6	93.6	81.5	77.0	66.5	148	780	24.61	155	135	300	1.935	94	543
90	125	2970	280M	95.0	95.0	94.0	90.5	90.0	82.5	159	830	29.53	150	135	285	2.463	94	606
110	150	2970	315S	95.2	95.0	94.3	91.0	89.5	85.6	193	834	36.09	230	200	280	3.200	98	799
132	175	2975	315M	95.4	95.1	94.4	91.0	90.5	87.0	231	755	43.24	150	130	280	4.800	98	842
160	215	2975	315L	95.6	95.5	94.5	91.0	90.5	87.0	279	764	52.41	160	140	270	5.200	98	921
200	270	2975	315L	95.8	95.6	94.6	91.0	90.5	88.0	349	735	65.51	160	140	260	6.000	98	1186
250	335	2975	355M	95.8	95.5	94.6	90.5	89.0	84.0	438	740	81.89	140	115	260	8.800	100	1385
315	420	2975	355L	95.8	95.5	94.8	91.0	89.0	84.0	549	740	103.2	140	115	260	10.40	100	1535
355	475	2975	355C	95.8	95.5	94.6	92.0	90.5	85.5	612	840	116.3	120	120	260	16.00	100	2200
400	540	2975	355C	95.8	95.5	94.6	92.0	91.0	87.5	690	850	131.0	120	120	260	20.80	100	2550

- NOTE :
1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2007.
 2. Tolerance according to GB 755, IEC 60034-1.
 3. Breakdown & Locked rotor torques are show as average expected voltages.
 4. Noise : sound power level at no - load, dB(A), Tolerance + 3 dB(A)
 5. Data subject to change without notice.

PERFORMANCE DATA

TYPE

AEEVXQ/AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS
LOW VOLTAGE SQUIRREL CAGE

TEFC, CLASS F, 40°C AMBIENT TEMP.
IEC ; GB DESIGN N CONTINUOUS DUTY
S.F. 1.0, 380V 50HZ

IE3

(4 Pole)

TYPICAL PERFORMANCE

(380 V)

OUTPUT		FULL LOAD	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR GD ²	NOISE SOUND POWER NO-LOAD	APPROX. WEIGHT
				FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN			
kW	hp	rpm	(%)	(%)	(%)	(%)	(%)	(%)	(A)	%FLC	kg-m	%FLT	%FLT	%FLT	kg-m ²	dB(A)	kg	
0.75	1	1410	80M	82.5	81.8	79.7	73.5	64.0	50.0	1.88	640	0.518	315	290	335	0.013	66	18.5
1.1	1.5	1430	90S	84.1	84.4	83.2	79.5	71.5	57.5	2.50	720	0.748	255	205	290	0.019	66	26.5
1.5	2	1435	90L	85.3	84.1	82.2	75.0	65.5	51.5	3.56	760	1.017	300	235	335	0.023	66	28.0
2.2	3	1450	100L	86.7	87.3	86.9	81.0	73.5	60.5	4.76	735	1.476	200	160	270	0.045	70	43.0
3	4	1455	100L	87.7	87.7	86.2	78.0	70.5	57.5	6.66	780	2.006	250	240	335	0.052	70	45.0
4	5.5	1445	112M	88.6	88.4	87.9	82.0	76.5	65.5	8.37	715	2.693	245	205	280	0.083	72	54.0
5.5	7.5	1455	132S	89.6	90.4	90.3	85.0	80.5	70.0	11.0	735	3.678	245	200	300	0.132	75	71.5
7.5	10	1450	132M	90.4	90.8	90.4	85.0	80.0	69.5	14.8	780	5.033	270	225	330	0.172	75	82.5
11	15	1460	160M	91.4	92.0	91.5	85.0	81.0	71.0	21.5	775	7.331	230	185	270	0.366	77	127
15	20	1460	160L	92.1	92.5	92.5	85.0	81.5	71.4	29.1	810	9.997	250	195	285	0.460	77	146
18.5	25	1475	180M	92.6	94.0	93.0	85.0	82.4	75.0	35.7	790	12.20	215	160	255	0.704	80	190
22	30	1475	180L	93.0	93.5	93.0	85.0	81.9	74.1	42.3	785	14.51	190	145	245	0.789	80	201
30	40	1470	200L	93.6	94.5	94.5	86.0	84.5	77.0	56.6	830	19.86	250	205	280	1.451	83	278
37	50	1480	225S	93.9	94.5	94.0	85.5	82.0	73.0	70.0	760	24.33	210	175	300	1.896	84	333
45	60	1480	225M	94.2	94.5	94.0	85.0	80.0	70.4	85.4	735	29.58	210	175	290	1.979	84	339
55	75	1485	250M	94.6	94.6	94.0	87.5	84.5	77.0	101	780	36.04	210	185	265	3.911	85	452
75	100	1480	280S	95.0	95.0	94.5	85.0	82.0	73.0	141	770	49.38	160	150	300	5.033	88	582
90	125	1480	280M	95.2	95.2	94.7	85.0	81.0	71.3	169	780	59.26	175	165	300	6.112	88	650
110	150	1480	315S	95.4	95.2	94.8	88.5	86.5	80.5	198	725	72.43	210	180	270	7.600	94	902
132	175	1485	315M	95.6	95.5	94.8	89.0	87.5	83.0	236	793	86.62	200	180	270	10.40	94	929
160	215	1482	315L	95.8	95.6	94.8	89.0	88.0	83.5	285	770	105.2	200	180	270	11.60	94	1065
200	270	1485	315L	96.0	95.6	95.2	89.5	88.8	84.5	354	740	131.2	200	180	260	14.00	94	1225
250	335	1485	355M	96.0	95.8	95.3	87.0	84.5	77.5	455	740	164.1	190	170	260	27.60	95	1535
315	420	1487	355L	96.0	95.8	95.3	87.0	84.5	77.5	573	740	206.4	200	180	260	31.20	95	1735
355	475	1485	355C	96.0	95.8	95.3	89.0	87.5	81.0	631	780	233.0	200	180	280	35.60	95	2350
400	540	1487	355C	96.0	95.8	95.3	89.5	88.0	83.0	707	780	262.1	200	180	260	42.80	95	2630

- NOTE :
1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2007.
 2. Tolerance according to GB 755, IEC 60034-1.
 3. Breakdown & Locked rotor torques are show as average expected voltages.
 4. 0.55 kW and below : Efficiency per TECO performance standard (Not IE3).
 5. Noise : sound power level at no - load, dB(A), Tolerance + 3 dB(A)
 6. Data subject to change without notice.

PERFORMANCE DATA

TYPE

AEVXQ/AEU VXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS
LOW VOLTAGE SQUIRREL CAGE

TEFC, CLASS F, 40°C AMBIENT TEMP.
IEC ; GB DESIGN N CONTINUOUS DUTY
S.F. 1.0, 380V 50HZ

IE3

(6 Pole)

TYPICAL PERFORMANCE

(380 V)

OUTPUT		FULL LOAD rpm	FRAME NO.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE				ROTOR GD ² kg-m ²	NOISE SOUND POWER NO-LOAD dB(A)	APPROX. WEIGHT kg
				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR %FLC	FULL LOAD kg-m	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT			
0.75	1	935	90S	78.9	80.6	79.4	71.0	62.5	49.0	2.03	470	0.780	205	190	225	0.022	63	28.0
1.1	1.5	930	90L	81.0	81.2	80.5	72.0	63.5	50.0	2.87	490	1.151	200	185	215	0.026	63	31.0
1.5	2	950	100L	82.5	82.9	81.5	72.5	65.0	52.0	3.81	500	1.536	200	175	225	0.058	64	43.0
2.2	3	960	112M	84.3	84.3	82.2	67.0	59.0	47.0	5.92	525	2.230	175	175	250	0.083	70	53.5
3	4	970	132S	85.6	86.1	85.1	76.0	70.0	57.5	7.01	655	3.009	175	170	300	0.154	73	71.5
4	5.5	970	132M	86.8	87.2	86.3	79.5	72.5	60.0	8.81	680	4.012	180	175	310	0.205	73	86.0
5.5	7.5	970	132M	88.0	88.0	86.2	73.5	65.5	52.0	12.9	720	5.517	210	205	345	0.216	73	87.0
7.5	10	970	160M	89.1	90.0	89.0	79.0	73.0	61.0	16.2	715	7.523	235	210	280	0.483	73	132
11	15	970	160L	90.3	91.0	90.5	78.0	72.0	60.5	23.7	755	11.03	295	255	285	0.628	73	146
15	20	970	180L	91.2	92.0	92.0	82.0	78.0	68.0	30.5	690	15.05	215	165	230	1.337	77	201
18.5	25	975	200L	91.7	92.5	92.5	80.5	76.0	66.5	38.1	720	18.46	220	185	240	1.829	80	263
22	30	975	200L	92.2	93.0	93.5	81.5	77.0	68.0	44.5	720	21.95	210	185	240	2.078	80	283
30	40	980	225M	92.9	93.5	93.5	83.5	80.0	76.5	58.8	600	29.79	200	160	215	3.023	80	364
37	50	980	250M	93.3	94.0	94.0	85.0	81.5	75.0	70.9	730	36.74	230	200	250	4.194	82	432
45	60	985	280S	93.7	93.7	93.0	81.5	77.5	67.5	89.5	690	44.52	185	175	285	5.530	85	524
55	75	985	280M	94.1	94.1	93.5	83.0	80.0	71.0	107	685	54.41	185	175	300	6.733	85	583
75	100	985	315S	94.6	94.5	93.7	84.5	81.0	71.0	143	669	74.20	200	180	280	9.600	89	837
90	125	985	315M	94.9	94.9	94.2	85.0	82.5	75.0	170	704	89.04	200	180	250	15.20	89	896
110	150	985	315L	95.2	95.0	94.2	85.0	83.0	75.5	207	667	108.8	200	180	250	18.40	89	1030
132	175	985	315L	95.4	95.3	94.3	84.5	82.5	75.0	249	663	130.6	200	180	250	20.40	89	1215
160	215	988	355M	95.6	95.4	94.6	85.0	81.0	70.0	299	720	157.8	160	140	260	31.60	94	1424
200	270	988	355M	95.8	95.6	94.8	85.0	81.0	69.0	373	740	197.3	180	160	270	39.20	94	1674
250	335	988	355L	95.8	95.6	94.8	85.0	80.5	68.0	466	760	246.6	180	160	270	46.40	94	2100
315	420	990	355C	95.8	95.8	95.4	85.5	82.0	73.5	584	720	310.1	180	160	270	57.20	94	2450
355	475	990	355C	95.8	95.8	95.4	85.5	82.5	73.6	659	720	349.4	180	160	270	64.80	94	2800

NOTE : 1. The above are typical values based on test according to GB/T 1032 method B, IEC 60034-2-1:2007.

2. Tolerance according to GB 755, IEC 60034-1.
3. Breakdown & Locked rotor torques are show as average expected voltages.
4. 0.55 kW and below : Efficiency per TECO performance standard (Not IE3).
5. Noise : sound power level at no - load, dB(A), Tolerance + 3 dB(A)
6. Data subject to change without notice.

OUTLINE DIMENSIONS SHEET

TYPE

AEEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 80M ~ 112M

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

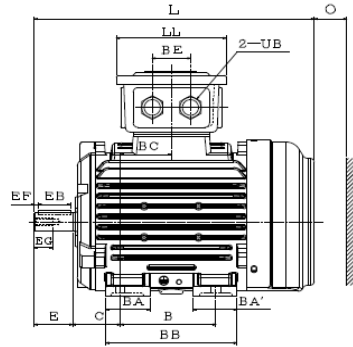
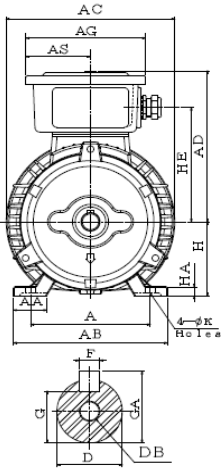


FIG. 1

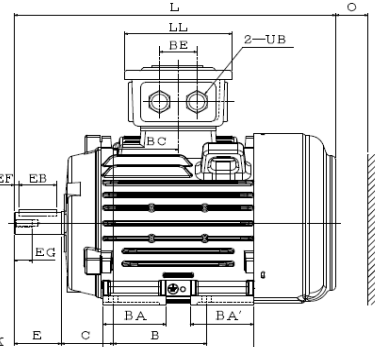
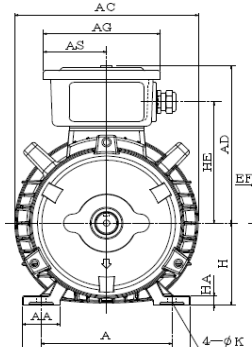


FIG. 2

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	---			80M	1	125	34.5	161	177	163	125	67.5	100	46	46	137	53.5	40	50	80
1.5	1.1	0.75	---	90S	2	140	40	180	197	173	125	67.5	100	67.5	67.5	161	69.5	40	56	90	10	133.5
2.2	1.5	1.1	---	90L		140	40	180	197	173	125	67.5	125	60.5	60.5	171	74.5	40	56	90	10	133.5
3	2.2	1.5	---	100L		160	40	200	219	188	147	78.5	140	66.5	66.5	181	72.5	50	63	100	12	147
---	3	---	---	112M		190	45	235	235	200.5	147	78.5	140	65.5	65.5	186	75	50	70	112	13	159.5

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING		
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	10	293	115	40	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	10	344.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	10	354.5	115	40	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
100L	12	392	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ
112M	12	413	125	50	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ

- Note :**
1. Tolerance of shaft end diameter D : j6.
 2. Tolerance of shaft center high H : +0, -0.5.

OUTLINE DIMENSIONS SHEET

TYPE

AEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 132S ~ 132M

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

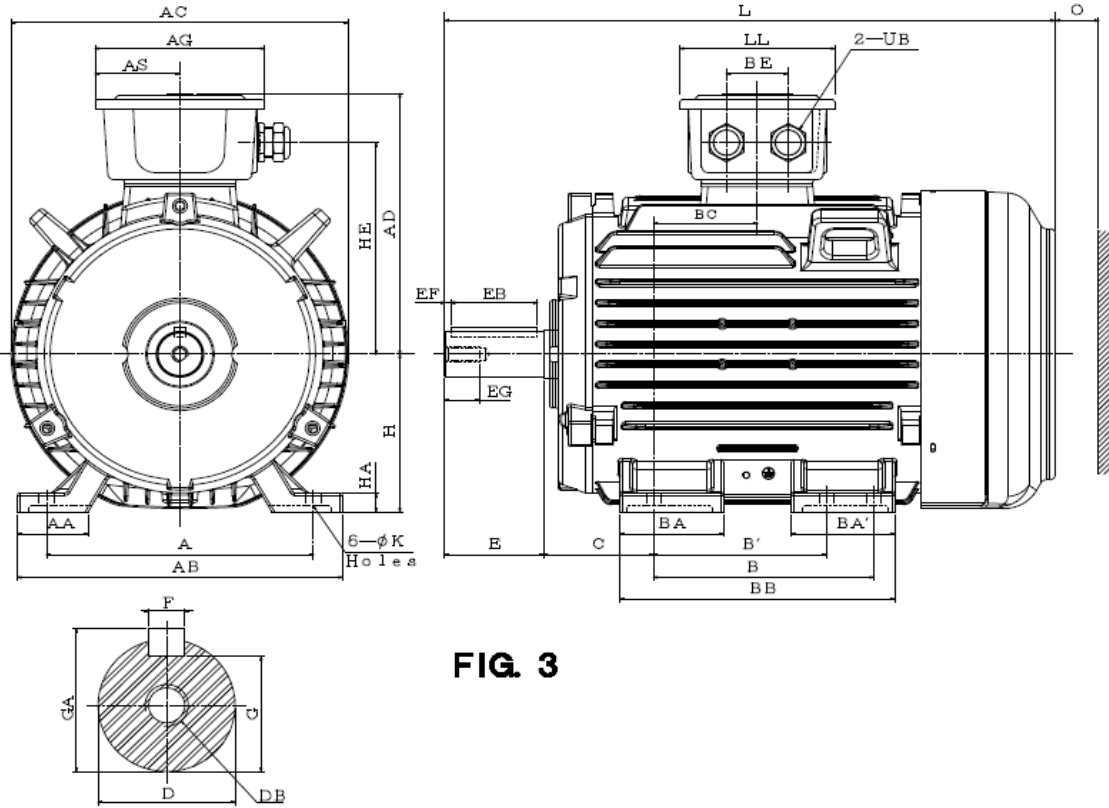


FIG. 3

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	---			132S	3	216	57	263	273	218	147	78.5	140	---	65	64	184	65	50	89	132
---	7.5	4	---	132M	3	216	57	263	273	218	147	78.5	178	140	83.5	83.5	222	84	50	89	132	16	177
---	---	5.5	---																				

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING		
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
132S	12	456	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ
132M	12	494	125	50	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ

- Note :**
1. Tolerance of shaft end diameter D : k6.
 2. Tolerance of shaft center high H : +0, -0.5.

OUTLINE DIMENSIONS SHEET

TYPE
AEEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 160M ~ 180L

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

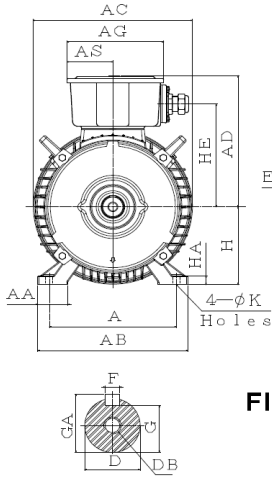


FIG. 4

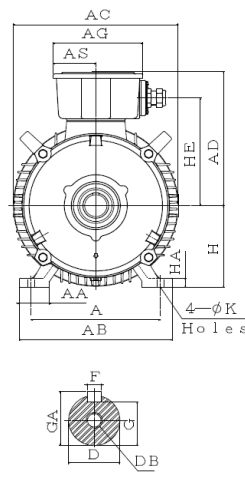


FIG. 5

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	---			254	60	300	317	270	193	91.5	210	---	57	57	250	105	89	108	160	18	211.5
11	11	7.5	---	160M	4	254	60	300	317	270	193	91.5	210	---	57	57	250	105	89	108	160	18	211.5
15	---	---	---	160L		254	60	300	317	270	193	91.5	254	210	97	97	294	127	89	108	160	18	211.5
22	18.5	---	---	180M	5	279	65	330	354	296	193	91.5	241	---	65	65	292	120.5	89	121	180	20	237.5
---	22	15	---	180L		279	65	330	354	296	193	91.5	279	241	115	115	330	139.5	89	121	180	20	237.5

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING		
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
160M	14.5	606	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
160L	14.5	650	193	60	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
180M	14.5	671	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)
180L	14.5	709	193	70	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ

- Note :**
1. Tolerance of shaft end diameter D : $\phi 42 : k6$.
 2. Tolerance of shaft center high H : +0, -0.5.
 3. Bearing No. In () is for 2P.

OUTLINE DIMENSIONS SHEET

TYPE

AEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 200L ~ 250M

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

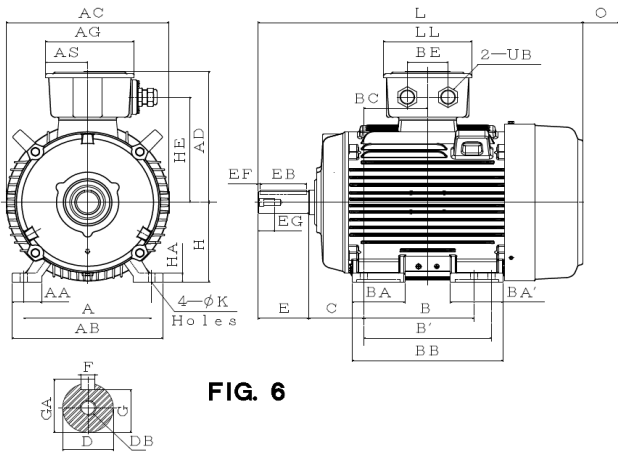


FIG. 6

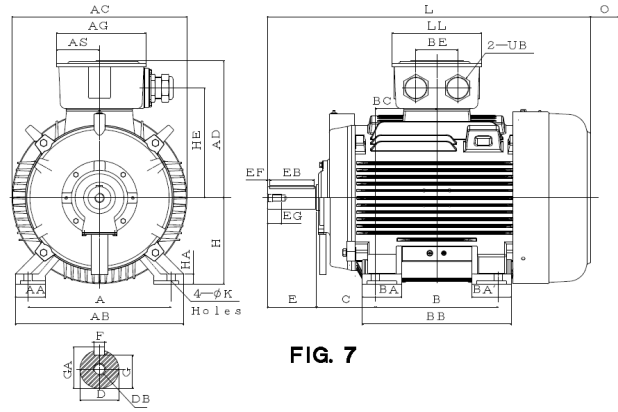


FIG. 7

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BE	BC	C	H	HA	HE				
2P	4P	6P	---			30 37	30	18.5 22	---	200L	6	318	70	378	398	329	231	110.5	305	---	82	82	353	106	152.5	133	200
---	37	---	---	225SC	356	75	431	449	355	231		110.5	286	---	98.5	98.5	371	106	143	149	225	28	285				
45	---	---	---	225MA	356	75	431	449	355	231		110.5	311	286	110	110	396	106	155.5	149	225	28	285				
---	45	30	---	225MC	356	75	431	449	355	231		110.5	311	286	110	110	396	106	155.5	149	225	28	285				
55	---	---	---	250MA	7	406	85	480	499	397	255	122.5	349	---	112.5	112.5	425	119	174.5	168	250	30	318.5				
---	55	37	---	250MC		406	85	480	499	397	255	122.5	349	---	112.5	112.5	425	119	174.5	168	250	30	318.5				

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING		
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
200L	18.5	770	231	80	M50X.15	55	110	100	5	42	16	49	59	M20	(6312ZZC3) 6312ZZ	(6212ZZC3) 6212ZZ
225SC	18.5	815	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)
225MA	18.5	810	231	90	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	18.5	840	231	90	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	24	919.5	255	105	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	24	919.5	255	105	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

- Note :**
1. Tolerance of shaft end diameter D : m6.
 2. Tolerance of shaft center high H : +0, -0.5.
 3. Bearing No. In () is for 2P.

OUTLINE DIMENSIONS SHEET

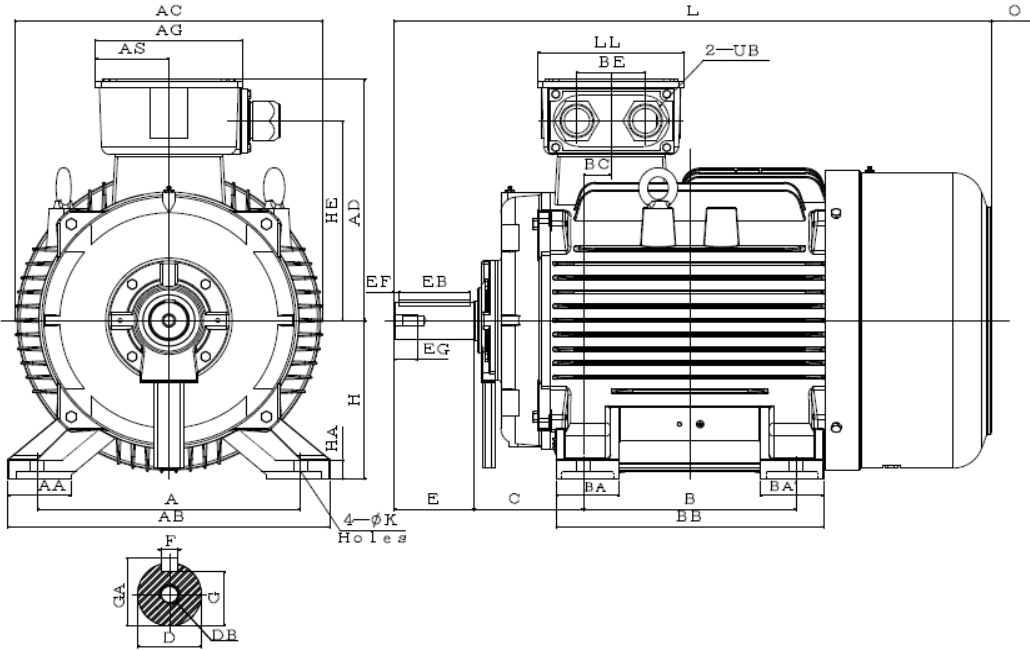
TYPE

AEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 280SA ~ 280MB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE				
2P	4P	6P	---		75	---	45	---	280SA	457	110	560	546	433	255	122.5	368	110	110	455	47.5	119	190	280	35
---	75	45	---	280SB	457	110	560	546	433	255	122.5	368	110	110	455	47.5	119	190	280	35	354.5				
---	90	---	---	280MA	457	110	560	546	433	255	122.5	419	115	115	505	48	119	190	280	35	354.5				
---	90	55	---	280MB	457	110	560	546	433	255	122.5	419	115	115	505	48	119	190	280	35	354.5				

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION										BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END	
280SA	24	1038.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3	
280SB	24	1038.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3	
280MA	24	1088.5	255	140	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3	
280MB	24	1088.5	255	140	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3	

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Shaft Center Height H : +0, -1
 3. Tolerance of Key Width F : h9

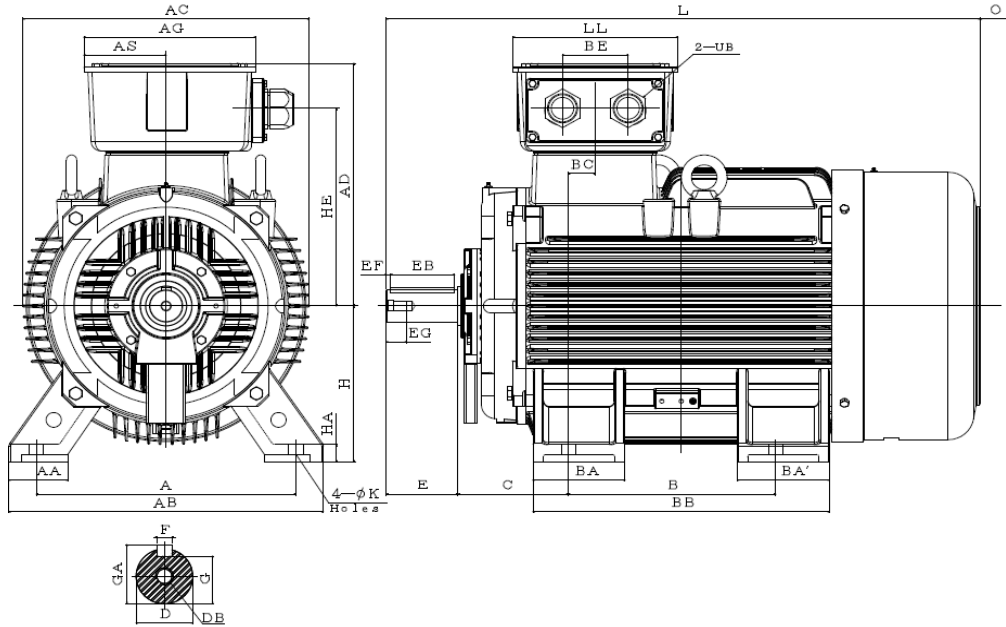
OUTLINE DIMENSIONS SHEET

TYPE

AEEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS
B3 (IM 1001) FRAME NOS. 315SA ~ 315SB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	---		508	115	615	570	490	336	163	406	180	180	580	53	140	216	315	35	395
---	110	75	---	315SA	508	115	615	570	490	336	163	406	180	180	580	53	140	216	315	35	395
---	---	---	---	315SB	508	115	615	570	490	336	163	406	180	180	580	53	140	216	315	35	395

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING	
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315SA	28	1162.5	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	28	1192.5	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Shaft Center Height H : +0, -1
 3. Tolerance of Key Width F : h9

OUTLINE DIMENSIONS SHEET

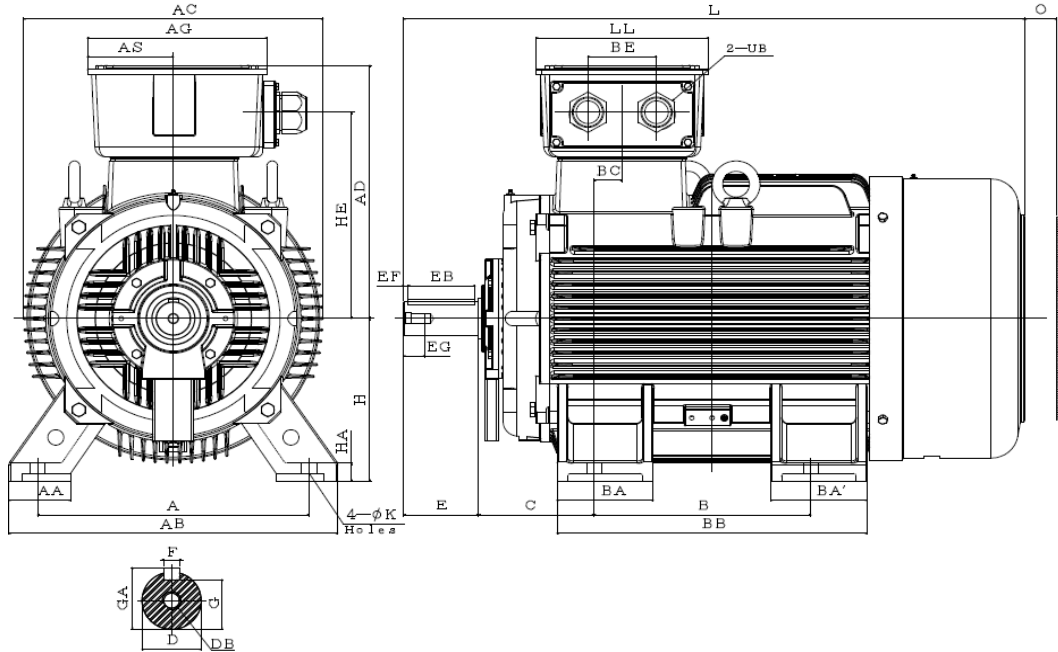
TYPE

AEEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 315MA ~ 315MB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P	---		508	115	630	620	515	336	163	457	230	230	640	53	140	216	315	45	420
---	132	90	---	315MB	508	115	630	620	515	336	163	457	230	230	640	53	140	216	315	45	420
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING							
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END					
315MA	28	1246	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3					
315MB	28	1276	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3					

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Shaft Center Height H : +0, -1
 3. Tolerance of Key Width F : h9

OUTLINE DIMENSIONS SHEET

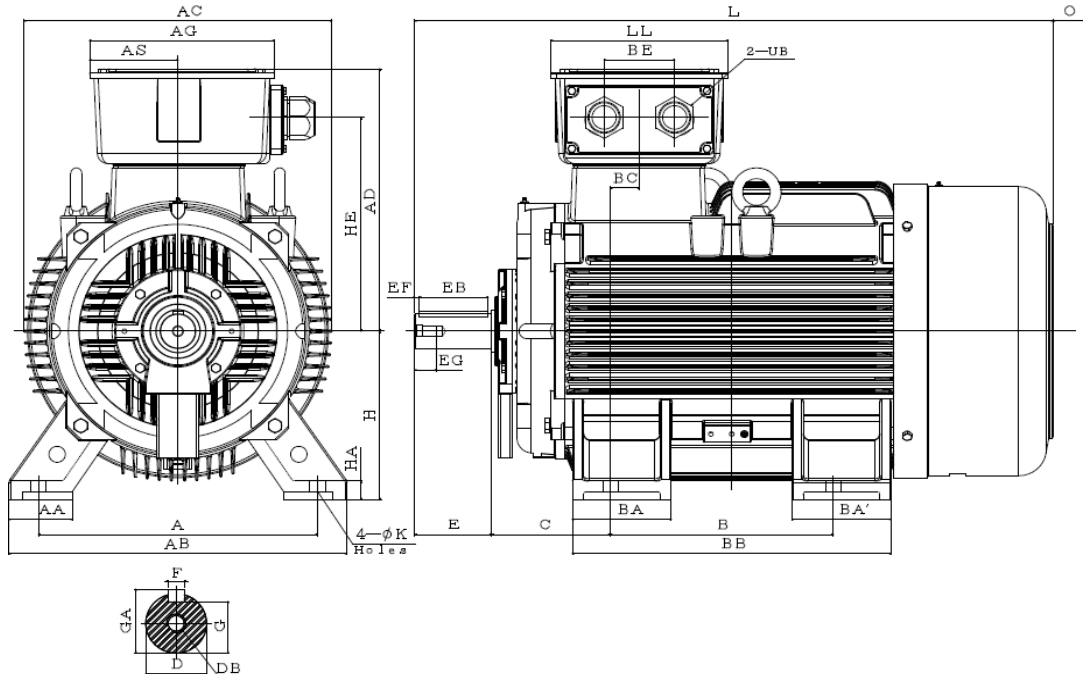
TYPE

AEEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 315LA ~ 315LB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA	HE	
2P	4P	6P	---																			
160	---	---	---	315LA	508	130	630	620	515	336	163	508	230	230	740	53	140	216	315	45	420	
---	160	110	---	315LB	508	130	630	620	515	336	163	508	230	230	740	53	140	216	315	45	420	
FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION									BEARING							
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END						
315LA	28	1346	322	180	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3						
315LB	28	1376	322	180	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3						

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Shaft Center Height H : +0, -1
 3. Tolerance of Key Width F : h9

OUTLINE DIMENSIONS SHEET

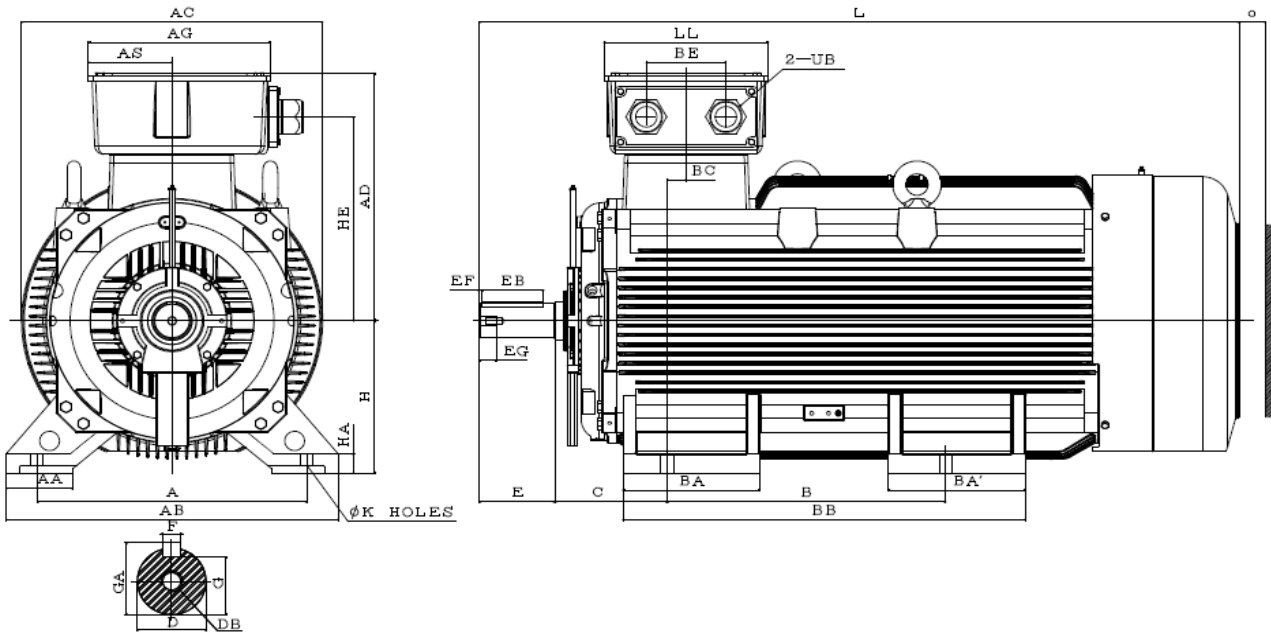
TYPE

AEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 355MA ~ 355MB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA
2P	4P	6P	---		610	150	750	682	585	412	189	560	310	310	910	43	180	254	355	45
---	250	160 200	---	355MB	610	150	750	682	585	412	189	560	310	310	910	43	180	254	355	45
FRAME SIZE	HE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING					
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END			
355MA	480	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3			
355MB	480	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3			

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Shaft Center Height H : +0, -1
 3. Tolerance of Key Width F : h9

OUTLINE DIMENSIONS SHEET

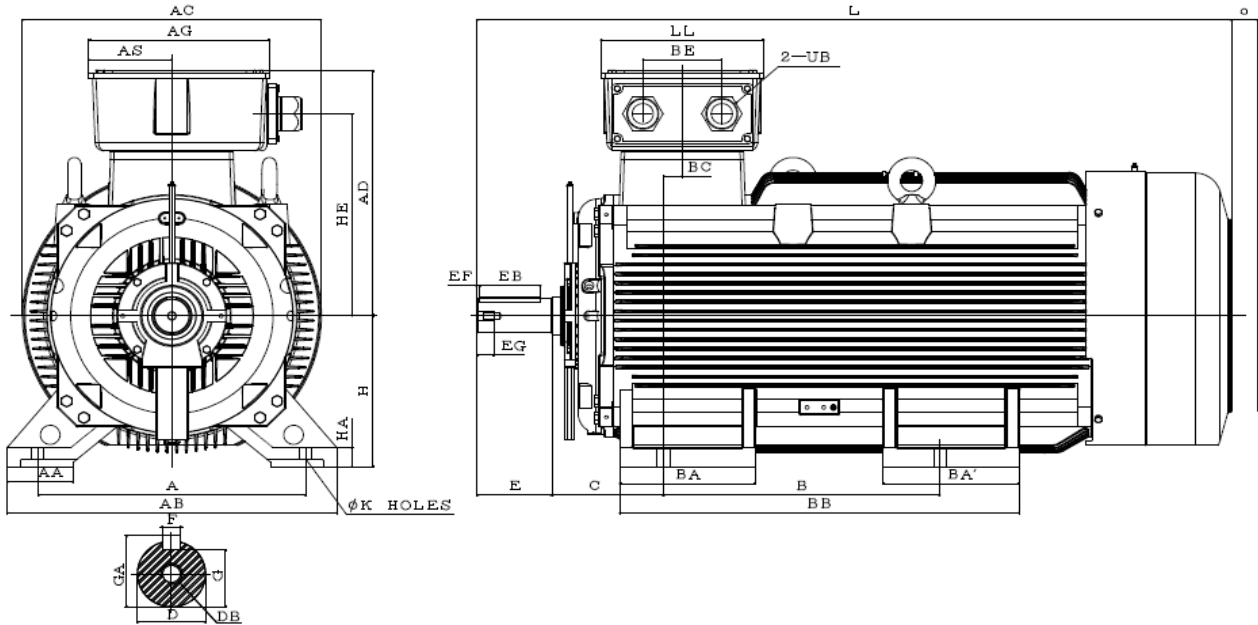
TYPE

AEEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 355LA ~ 355LB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	BA	BA'	BB	BC	BE	C	H	HA
2P	4P	6P	---		355LA	610	150	750	682	585	412	189	560	310	310	910	43	180	254	355
---	315	250	---	355LB	610	150	750	682	585	412	189	560	310	310	910	43	180	254	355	45
FRAME SIZE	HE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING					
							D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END			
355LA	480	28	1687	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3			
355LB	480	28	1717	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3			

- Note :
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Shaft Center Height H : +0, -1
 3. Tolerance of Key Width F : h9

OUTLINE DIMENSIONS SHEET

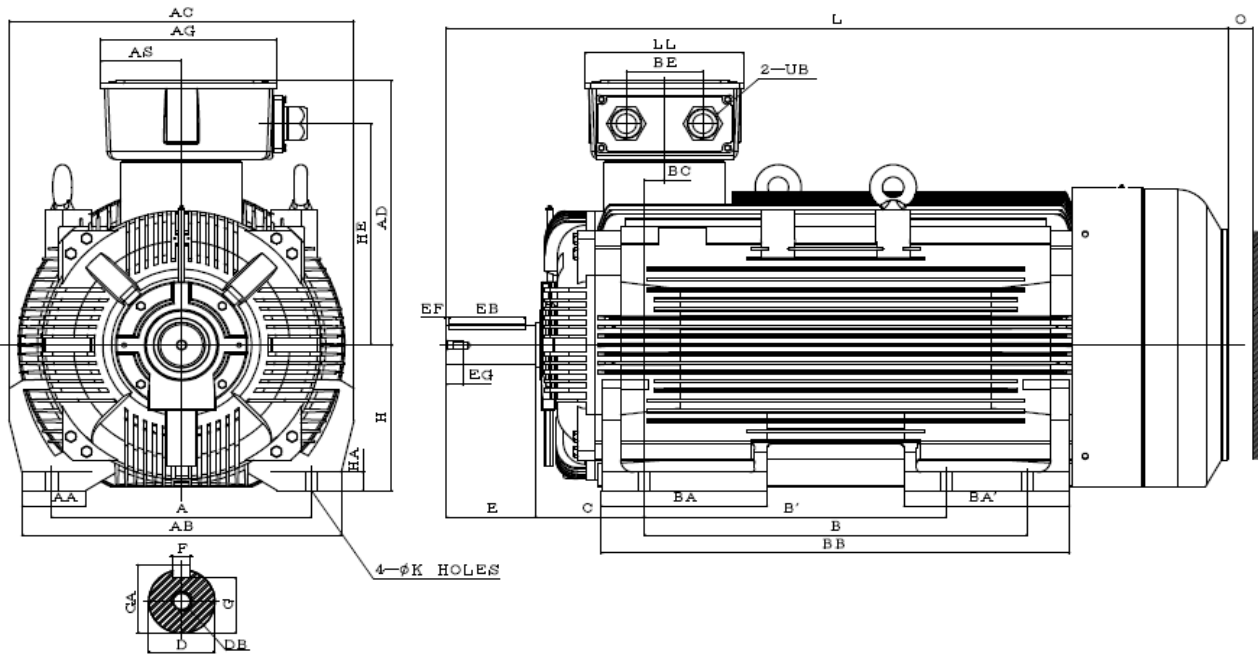
TYPE

AEVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

B3 (IM 1001) FRAME NOS. 355C

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)			FRAME SIZE	A	AA	AB	AC	AD	AG	AS	B	B'	BA	BA'	BB	BC	BE	C	H	HA	HE
2P	4P	6P																			
355	---	---	355CA	610	150	750	810	645	412	189	900	710	390	390	1100	48	180	254	355	45	540
---	355	315	355CB	610	150	750	810	645	412	189	900	710	390	390	1100	48	180	254	355	45	540

FRAME SIZE	K	L	LL	O	UB	SHAFT EXTENSION								BEARING		
						D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355CA	28	1765	372	230	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355CB	28	1795	372	230	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Shaft Center Height H : +0, -1
 3. Tolerance of Key Width F : h9

OUTLINE DIMENSIONS SHEET

TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM3011) FRAME NOS. 80M ~ 90L

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

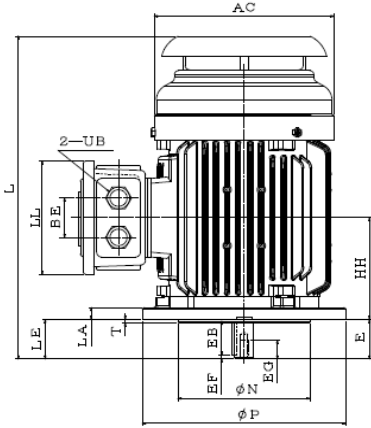


FIG. 1

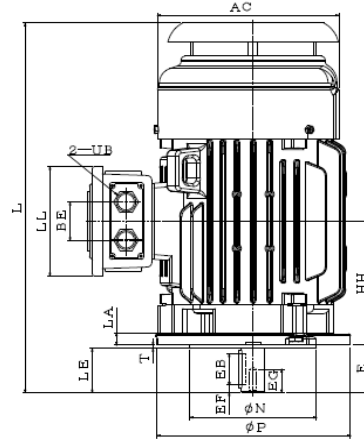
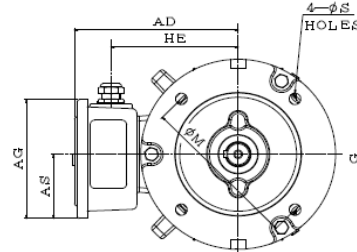
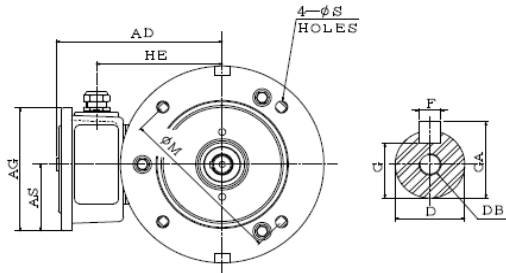


FIG. 2



Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION						AC	AD	AG	AS	BE	HE	HH	L	
2P	4P	6P	---			LA	LE	M	N	P	S									T
0.75	0.55	---	---	80M	1	12	40	165	130	200	12	3.5	177	163	125	67.5	40	123.5	103.5	328
1.1	0.75	0.55	---			12	50	165	130	200	12	3.5	197	173	125	67.5	40	133.5	125.5	379.5
1.5	1.1	0.75	---	90S	2	12	50	165	130	200	12	3.5	197	173	125	67.5	40	133.5	125.5	379.5
2.2	1.5	1.1	---	90L		12	50	165	130	200	12	3.5	197	173	125	67.5	40	133.5	130.5	389.5

FRAME SIZE	LL	UB	SHAFT EXTENSION									BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
80M	115	M20X1.5	19	40	32	4	16	6	15.5	21.5	M6	6204ZZ	6203ZZ
90S	115	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ
90L	115	M20X1.5	24	50	40	5	19	8	20	27	M8	6205ZZ	6204ZZ

Note : 1. Tolerance of shaft end diameter D : j6.

2. Tolerance of N : j6.

OUTLINE DIMENSIONS SHEET

TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM3011) FRAME NOS. 100L ~ 132M

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

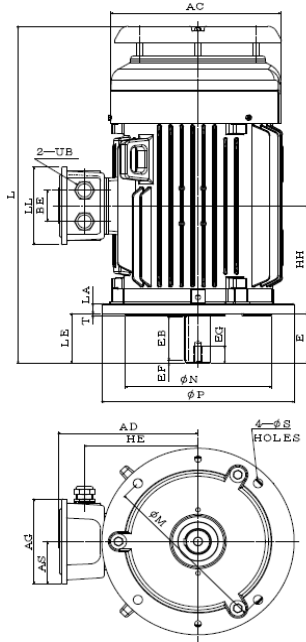


FIG. 3

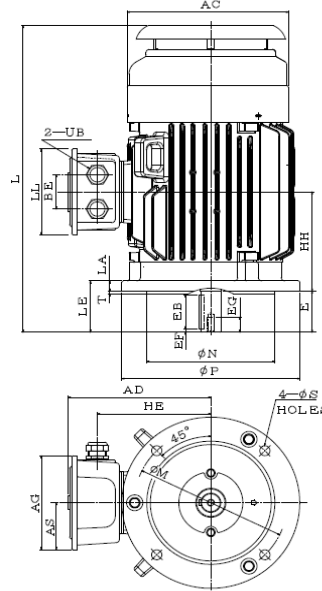


FIG. 4

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---			LA	LE	M	N	P	S	T									
3	2.2	1.5	---	100L	3	16	60	215	180	250	14.5	4	219	188	147	78.5	50	147	135.5	433	125
---	3	---	---																		
4	4	2.2	---	112M	4	15	60	215	180	250	14.5	4	235	200.5	147	78.5	50	159.5	145	448	125
5.5	5.5	3	---	132S	3	16	80	265	230	300	14.5	4	273	218	147	78.5	50	177	154	504	125
7.5	---	---	---																		
---	7.5	4	---	132M		16	80	265	230	300	14.5	4	273	218	147	78.5	50	177	173	542	125
---	---	5.5	---																		

FRAME SIZE	UB	SHAFT EXTENSION									BEARING	
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
100L	M25X1.5	28	60	50	5	22	8	24	31	M10	6206ZZ	6205ZZ
112M	M25X1.5	28	60	50	5	22	8	24	31	M10	6306ZZ	6305ZZ
132S	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ
132M	M25X1.5	38	80	70	5	28	10	33	41	M12	6308ZZ	6306ZZ

- Note :**
1. Tolerance of shaft end diameter D : $\phi 28 : j6$, $\phi 38:k6$.
 2. Tolerance of N : j6.

OUTLINE DIMENSIONS SHEET

TYPE
AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS
V1 (IM3011) FRAME NOS. 160M ~ 200L

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

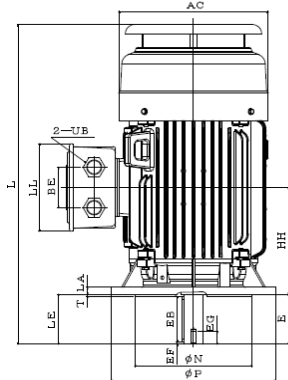


FIG. 5

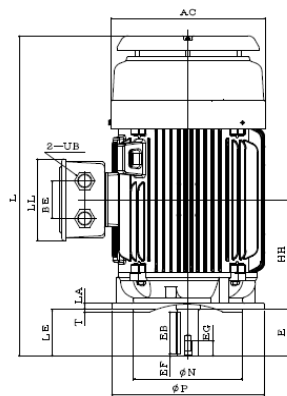
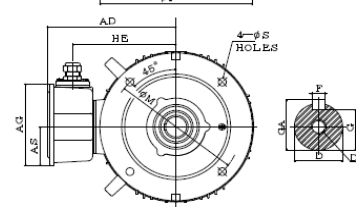
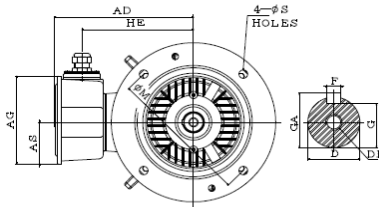


FIG. 6



Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---			LA	LE	M	N	P	S	T									
11	11	7.5	---	160M	5	15	110	300	250	350	18.5	5	317	270	193	91.5	89	211.5	213	656	193
15	15	11	---	160L		15	110	300	250	350	18.5	5	317	270	193	91.5	89	211.5	235	700	193
22	18.5	---	---	180M	6	15	110	300	250	350	18.5	5	354	296	193	91.5	89	237.5	241.5	720.5	193
---	22	15	---	180L		15	110	300	250	350	18.5	5	354	296	193	91.5	89	237.5	260.5	758.5	193
30	30	18.5	---	200L		17	110	350	300	400	18.5	5	398	329	231	110.5	106	259	291.5	819.5	231

FRAME SIZE	UB	SHAFT EXTENSION									BEARING	
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
160M	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
160L	M32X1.5	42	110	100	5	36	12	37	45	M16	6309ZZ	6307ZZ
180M	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	(6311ZZC3)	(6310ZZC3)
180L	M32X1.5	48	110	100	5	36	14	42.5	51.5	M16	6311ZZ	6310ZZ
200L	M50X1.5	55	110	100	5	42	16	49	59	M20	(6312ZZC3)	(6212ZZC3)
											6312ZZ	6212ZZ

- Note :**
1. Tolerance of shaft end diameter D : a) $\phi 42 \sim \phi 48 : k6$; b) $\phi 55 : m6$.
 2. Tolerance of N : j6.
 3. Bearing No. In () is for 2P.

OUTLINE DIMENSIONS SHEET

TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM3011) FRAME NOS. 225S ~ 250M

Totally Enclosed Fan-Cooled Type, Squirrel-Cage Rotor.

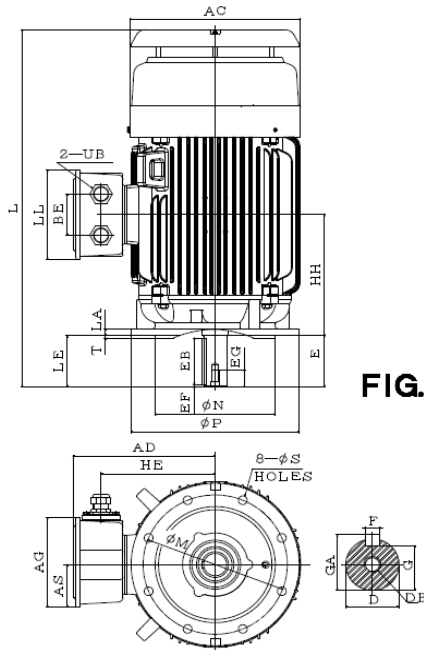


FIG. 7

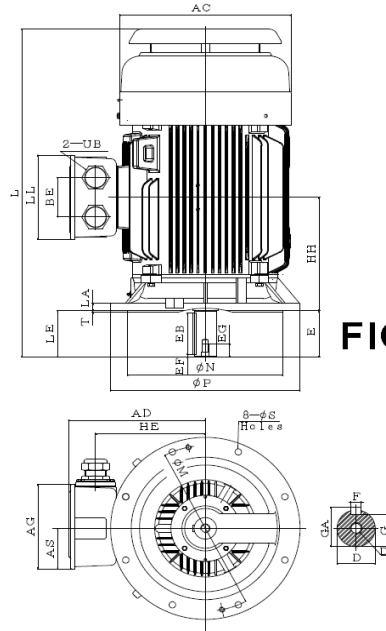


FIG. 8

Dimension in mm

Output (kW)				FRAME SIZE	FIG. NO.	FLANGE DIMENSION								AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	---			LA	LE	M	N	P	S	T									
---	37	---	---	225SC	7	20	140	400	350	450	18.5	5	449	355	231	110.5	106	285	292	875	
45	---	---	---	225MA		20	110	400	350	450	18.5	5	449	355	231	110.5	106	285	304.5	870	
---	45	30	---	225MC		20	140	400	350	450	18.5	5	449	355	231	110.5	106	285	304.5	900	
55	---	---	---	250MA	8	22	140	500	450	550	18.5	5	499	397	255	122.5	119	318.5	342.5	991	
---	55	37	---	250MC		22	140	500	450	550	18.5	5	499	397	255	122.5	119	318.5	342.5	991	

FRAME SIZE	LL	UB	SHAFT EXTENSION									BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
225SC	231	M50X1.5	60	140	125	7.5	42	18	53	64	M20	(6312ZZC3)	(6212ZZC3)
225MA	231	M50X1.5	55	110	100	5	42	16	49	59	M20	6313ZZ	6213ZZ
225MC	231	M50X1.5	60	140	125	7.5	42	18	53	64	M20		
250MA	255	M63X1.5	60	140	125	7.5	42	18	53	64	M20	6313C3	6313C3
250MC	255	M63X1.5	65	140	125	7.5	42	18	58	69	M20	6315	6313

- Note :**
1. Tolerance of shaft end diameter D : m6.
 2. Tolerance of N : j6.
 3. Bearing No. In () is for 2P.

OUTLINE DIMENSIONS SHEET

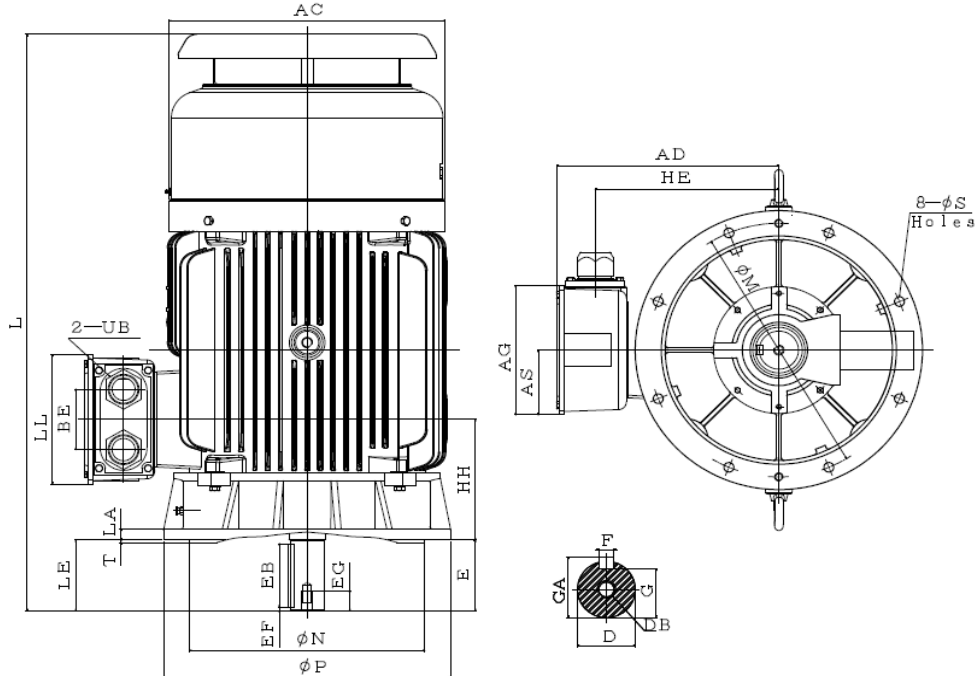
TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM3011) FRAME NOS. 280SA ~ 280MB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L
2P	4P	6P	---		LA	LE	M	N	P	S	T								
75	---	---	---	280SA	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	237.5	1136.5
---	75	45	---	280SB	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	237.5	1136.5
90	---	---	---	280MA	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	238	1186.5
---	90	55	---	280MB	22	140	500	450	550	18.5	5	546	433	255	122.5	119	354.5	238	1186.5

FRAME SIZE	LL	UB	SHAFT EXTENSION									BEARING	
			D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
280SA	255	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280SB	255	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3
280MA	255	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6314C3	6314C3
280MB	255	M63X1.5	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6316C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Key Width F : h9
 3. Tolerance of N : j6

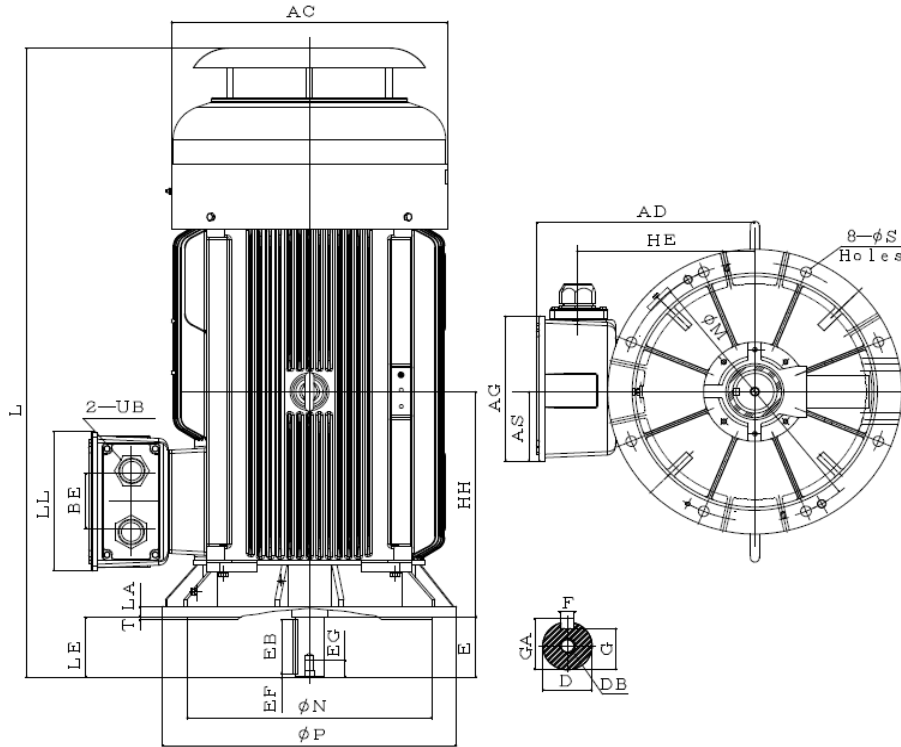
OUTLINE DIMENSIONS SHEET

TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS
V1 (IM 3011) FRAME NOS. 315SA ~ 315SB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---		LA	LE	M	N	P	S	T									
110	---	---	---	315SA	25	140	600	550	660	24	6	570	490	336	163	140	395	269	1277.5	322
---	110	75	---	315SB	25	170	600	550	660	24	6	570	490	336	163	140	395	269	1307.5	322

FRAME SIZE	UB	SHAFT EXTENSION								BEARING		
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315SA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315SB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Key Width F : h9
 3. Tolerance of N : js6

OUTLINE DIMENSIONS SHEET

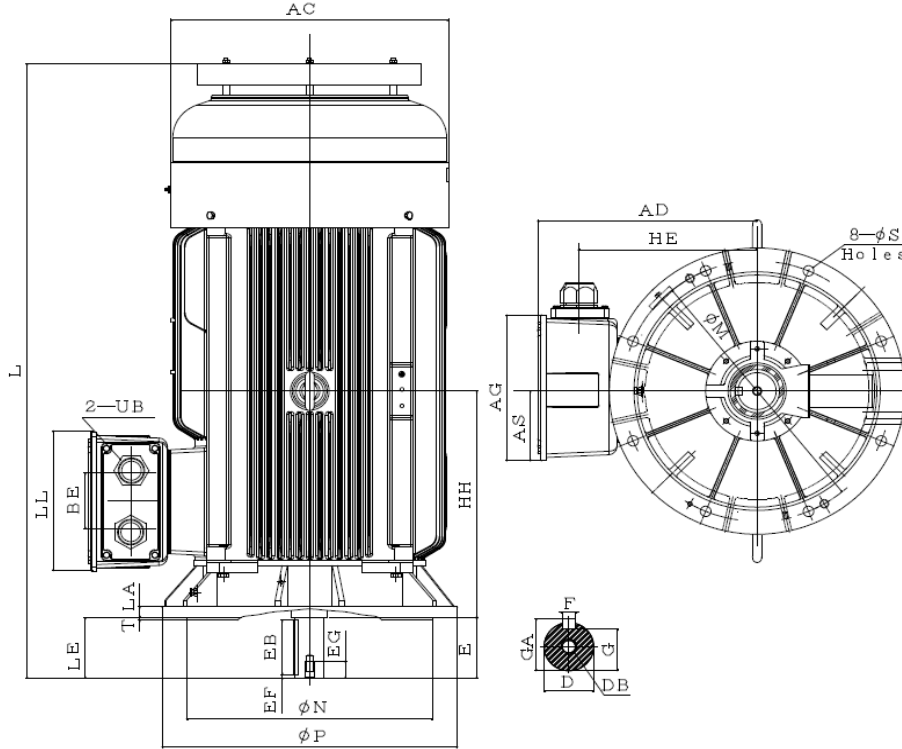
TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM 3011) FRAME NOS. 315MA ~ 315MB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---		LA	LE	M	N	P	S	T									
132	---	---	---	315MA	25	140	600	550	660	24	6	620	515	336	163	140	420	269	1319	322
---	132	90	---	315MB	25	170	600	550	660	24	6	620	515	336	163	140	420	269	1349	322

FRAME SIZE	UB	SHAFT EXTENSION								BEARING		
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315MA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315MB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Key Width F : h9
 3. Tolerance of N : js6

OUTLINE DIMENSIONS SHEET

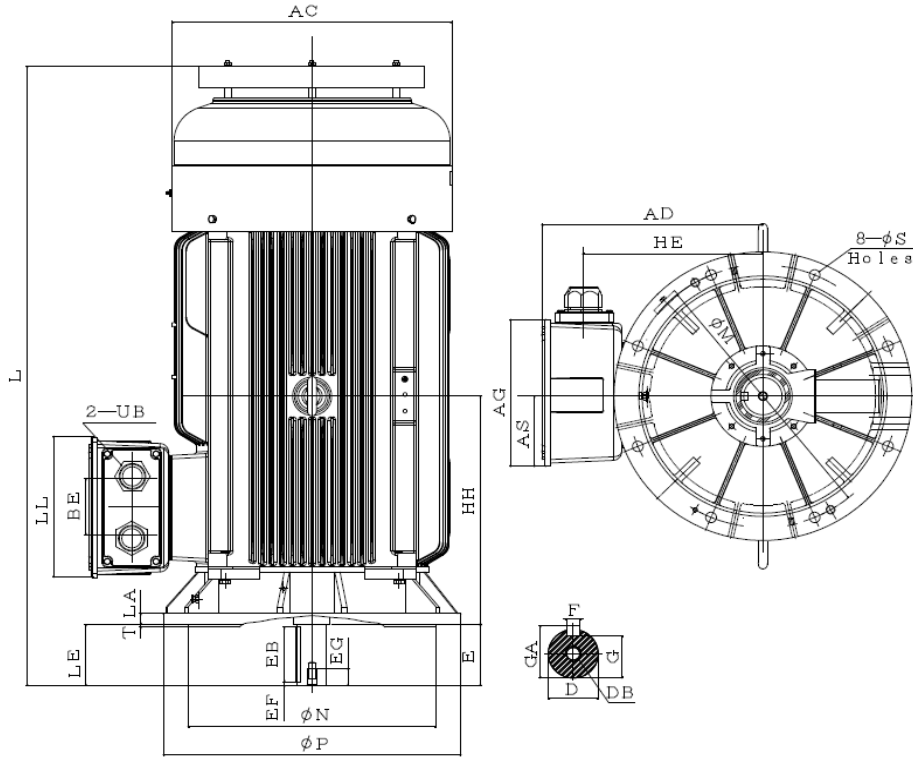
TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM3011) FRAME NOS. 315LA ~ 315LB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---		LA	LE	M	N	P	S	T									
160	---	---	---	315LA	25	140	600	550	660	24	6	620	515	336	163	140	420	269	1419	322
---	160	110	---	315LB	25	170	600	550	660	24	6	620	515	336	163	140	420	269	1449	322

FRAME SIZE	UB	SHAFT EXTENSION								BEARING		
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
315LA	M63X1.5	65	140	125	7.5	40	18	58	69	M20	6316C3	6314C3
315LB	M63X1.5	80	170	160	5	40	22	71	85	M20	6320C3	6316C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Key Width F : h9
 3. Tolerance of N : js6

OUTLINE DIMENSIONS SHEET

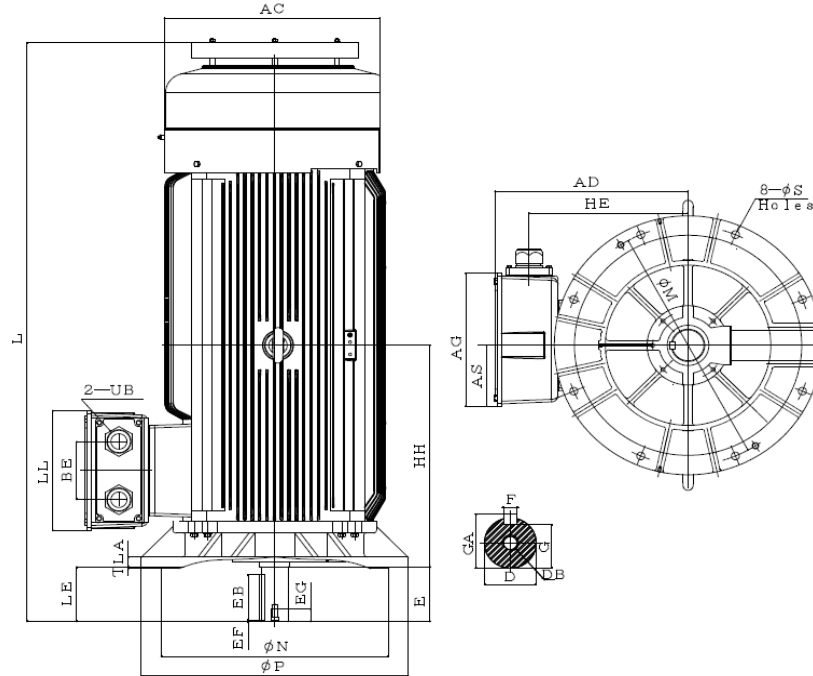
TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM 3011) FRAME NOS. 355MA ~ 355MB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---		LA	LE	M	N	P	S	T									
250	---	---	---	355MA	30	140	740	680	800	24	6	682	585	412	189	180	480	297	1760	372
---	250	160 200	---	355MB	30	170	740	680	800	24	6	682	585	412	189	180	480	297	1790	372

FRAME SIZE	UB	SHAFT EXTENSION								BEARING		
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355MA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355MB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Key Width F : h9
 3. Tolerance of N : js6

OUTLINE DIMENSIONS SHEET

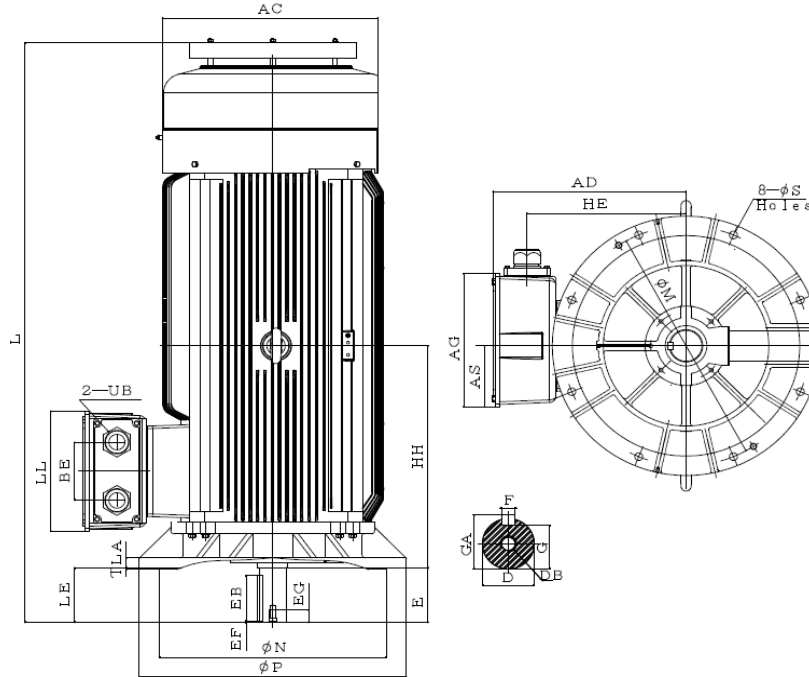
TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM3011) FRAME NOS. 355LA ~ 355LB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---		LA	LE	M	N	P	S	T									
315	---	---	---	355LA	30	140	740	680	800	24	6	682	585	412	189	180	480	297	1760	372
---	315	250	---	355LB	30	170	740	680	800	24	6	682	585	412	189	180	480	297	1790	372

FRAME SIZE	UB	SHAFT EXTENSION									BEARING	
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355LA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355LB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Key Width F : h9
 3. Tolerance of N : js6

OUTLINE DIMENSIONS SHEET

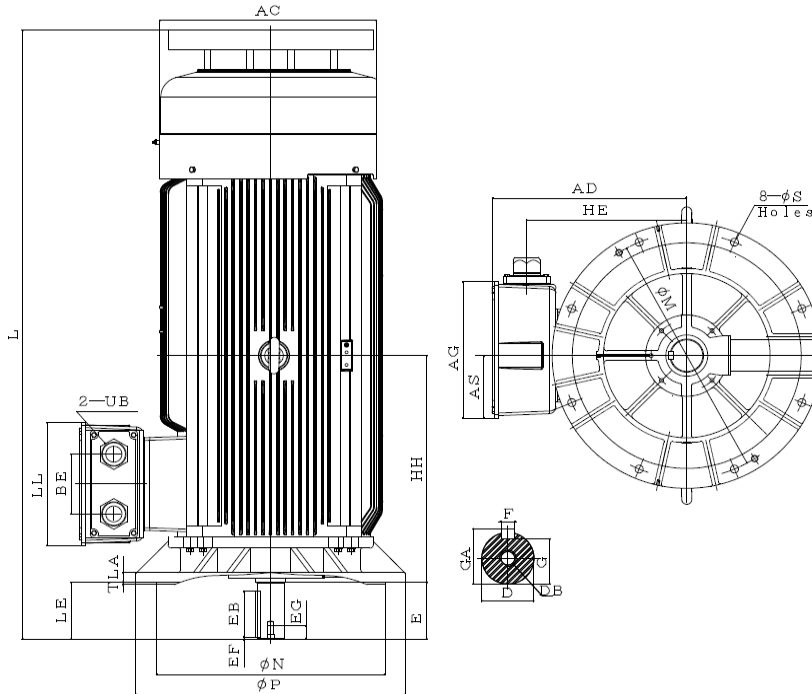
TYPE

AEUVXQ

IE3 EFFICIENCY 3-PHASE INDUCTION MOTORS

V1 (IM 3011) FRAME NOS. 355CA ~ 355CB

Totally Enclosed Fan - Cooled Type, Squirrel - Cage Rotor.



Dimension in mm

Output (kW)				FRAME SIZE	FLANGE DIMENSION							AC	AD	AG	AS	BE	HE	HH	L	LL
2P	4P	6P	---		LA	LE	M	N	P	S	T									
333	400	---	---	355CA	30	140	740	680	800	24	6	682	645	412	189	180	540	297	1883	372
---	355	315	355	355CB	30	170	740	680	800	24	6	682	645	412	189	180	540	297	1913	372

FRAME SIZE	UB	SHAFT EXTENSION									BEARING	
		D	E	EB	EF	EG	F	G	GA	DB	DRIVE END	OPPOSITE DRIVE END
355CA	M72X2	75	140	125	7.5	40	20	67.5	79.5	M20	6318C3	6318C3
355CB	M72X2	95	170	160	5	48	25	86	100	M24	6322C3	6322C3

- Note :**
1. Tolerance of Shaft End Diameter D : m6
 2. Tolerance of Key Width F : h9
 3. Tolerance of N : js6