FKT®

INDUCTION MOTORS

AEEF / AEVF SERIES • IEC STANDARD

TEFC Low Voltage
Three Phase 380V.50Hz.

- IP 55
- Insulation Class F

CE

ISO 9002

DNV

REGISTERED

AEEF Series Dimensions

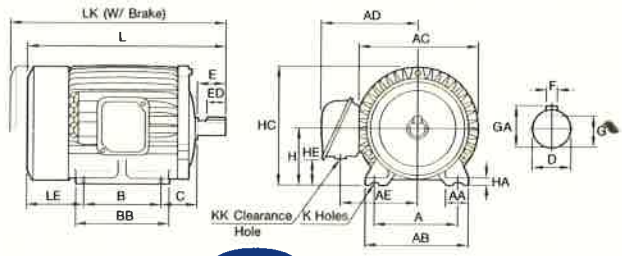


Fig.1

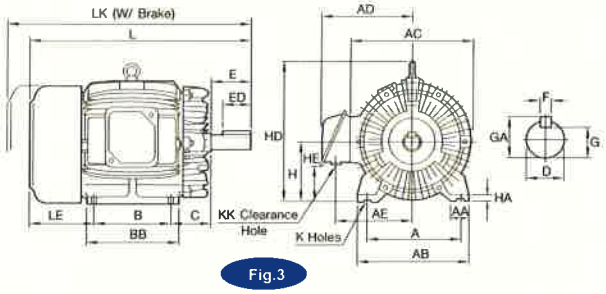


Fig.3

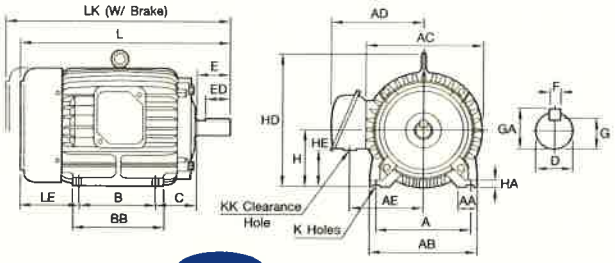


Fig.2

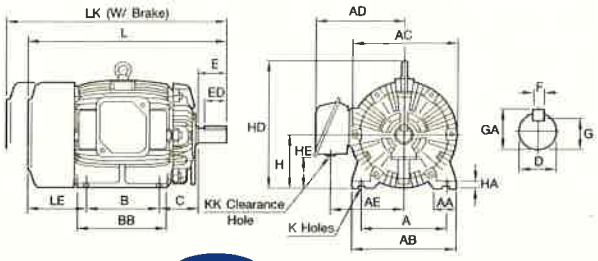


Fig.4

mm.

Output (HP)			Frame No.	Fig	A	AA	AB	AC	AD	AE	B	BA	BB	C	D	E	ED	F	G	GA	H	HA	HC	HD	HE	K	KK	L	LK	LE	Load Side	Anti-Load Side
2P	4P	6P																														
1/4	1/4	-	63	2	100	28.0	120	144	115	88	80	-	100	40	11	23	10	4	8.5	12.5	63	8.0	135	-	28	7	22	209	294	66	6201ZZC3	6201ZZC3
1/2	1/2	1/4	71	1	112	35.5	140	162	125	98	90	-	115	45	14	30	14	5	11.0	16.0	71	8.0	152	-	53	7	22	239	329	74	6202ZZC3	6202ZZC3
1	1	1/2	80	2	125	35.5	155	177	137	107	100	-	130	50	19	40	25	6	15.5	21.5	80	9.0	168	-	55	10	22	272	362	82	6204ZZC3	6203ZZC3
2,3	2	1	90L	1	140	35.5	170	200	150	120	125	-	150	56	24	50	32	8	20.0	27.0	90	10.0	190	-	65	10	22	322	417	91	6205ZZC3	6204ZZC3
-	3	2	100L	2	160	45.0	195	219	173	140	140	-	175	63	28	60	40	8	24.0	31.0	100	12.5	-	243	70	12	28	363	463	100	6206ZZC3	6205ZZC3
5	5	3	112M	3	190	45.0	224	238	182	149	140	-	175	70	28	60	40	8	24.0	31.0	112	14.0	-	265	82	12	28	382	487	112	6303ZZC3	6305ZZC3
7.5,10	7.5	5	132S	3	216	45.0	250	273	218	175	140	-	185	89	38	80	56	10	33.0	41.0	132	16.0	-	310	83	12	35	446	574	137	6308ZZC3	6306ZZC3
-	10	7.5	132M	3	216	45.0	250	273	218	175	178	-	212	89	38	80	56	10	33.0	41.0	132	16.0	-	310	83	12	35	484	624	137	6308ZZC3	6306ZZC3
15,20	15	10	160M	4	254	50.0	300	334	256	213	210	-	250	108	42	110	80	12	37.0	45.0	160	18.0	-	377	108	14.5	35	604	754	176	6309ZZC3	6307ZZC3
25	20	15	160L	4	254	50.0	300	334	256	213	254	-	300	108	42	110	80	12	37.0	45.0	160	18.0	-	377	108	14.5	35	648	798	177	6309ZZC3	6307ZZC3
30	-	-	180M	4	279	75.0	355	382	301	245	241	-	297	121	48	110	80	14	42.5	51.5	180	20.0	-	421	119	14.5	52	667	967	195	6311ZZC3	6311ZZC3
-	25,30	20	180M	4	279	75.0	355	382	301	245	241	-	297	121	48	110	80	14	42.5	51.5	180	20.0	-	421	119	14.5	52	667	967	195	6311ZZC3	6310ZZC3
40	-	-	180L	4	279	75.0	355	382	301	245	279	-	335	121	55	110	80	16	49.0	59.0	180	20.0	-	421	119	14.5	52	705	925	195	6312ZZC3	6310ZZC3
-	40	25,30	180L	4	279	75.0	355	382	301	245	279	-	335	121	55	110	80	16	49.0	59.0	180	20.0	-	421	119	14.5	52	705	925	195	6312ZZC3	6310ZZC3
-	50,60	40,50	200L	4	318	80.0	400	420	334	274	305	-	365	133	60	150	110	18	53.0	64.0	200	25.0	-	469	128	18.5	65	798	1048	220	6313ZZC3	6212ZZC3

Remark : 1. Shaft dia. "D" clearance: ∅11~Ø28j6 ∅95m6

2. Shaft height "H" clearance : H $^{+0}_{-0.5}$

3. The above mentioned value subject to change without notice.

AEVF Series Dimensions

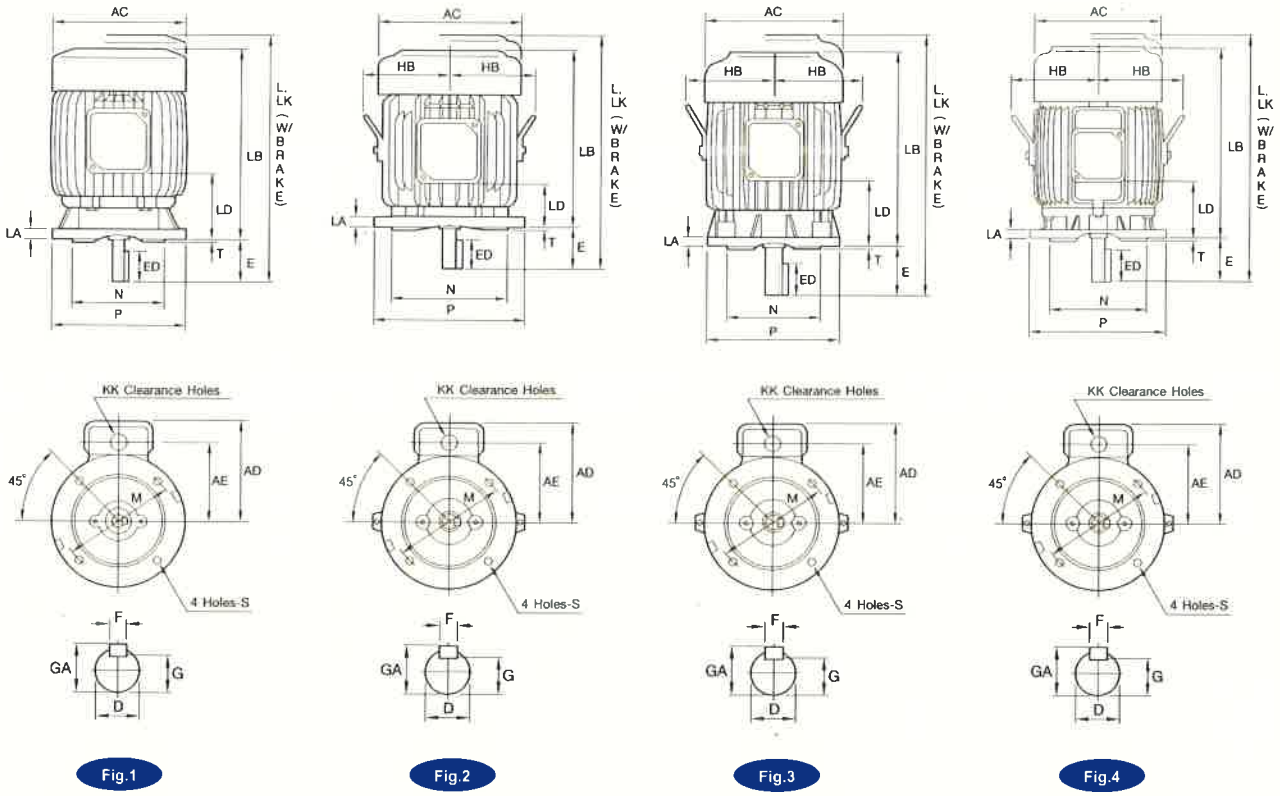


Fig.1 Fig.2 Fig.3 Fig.4

mm.

Output (HP)			Frame No.	Fig	AC	AD	AE	HB	KK	L	LA	LB	LD	LK	M	N	P	S	T	D	E	ED	F	G	GA
2P	4P	6P																							
1/4	1/4	-	63	2	144	115	88	-	22	210	9	187	74	295	130	110	160	10	3.5	11	23	10	4	8.5	12.5
1/2	1/2	1/4	71	1	162	125	98	-	22	266	12	236	82	356	130	110	160	10	3.5	14	30	14	5	11.0	16.0
1	1	1/2	80	2	177	137	117	-	22	272	12	232	55	362	165	130	200	12	3.5	19	40	25	6	15.5	21.5
2,3	2	1	90L	1	200	150	130	-	22	361	12	311	113	456	165	130	200	12	3.5	24	50	32	8	20.0	27.0
-	3	2	100L	2	219	173	140	140	28	363	16	303	88	463	215	180	250	15	4.0	28	60	40	8	24.0	31.0
5	5	3	112M	3	238	182	149	150	28	422	16	362	135	527	215	180	250	15	4.0	28	60	40	8	24.0	31.0
7.5	7.5	5	132S	3	273	218	175	169	35	446	20	366	97	574	265	230	300	15	4.0	38	80	56	10	33.0	41.0
-	10	7.5	132M	3	273	218	175	169	35	484	20	404	116	624	265	230	300	15	4.0	38	80	56	10	33.0	41.0
15,20	15	10	160M	4	334	256	213	217	35	604	20	494	151	754	300	250	350	19	5.0	42	110	80	12	37.0	45.0
25	20	15	160L	4	334	256	213	217	35	648	20	538	173	798	300	250	350	19	5.0	42	110	80	12	37.0	45.0
30	-	-	180M	4	382	301	245	241	52	667	20	557	170	867	350	300	400	19	5.0	48	110	80	14	42.5	51.5
-	25,30	20	180M	4	382	301	245	241	52	667	20	557	170	867	350	300	400	19	5.0	48	110	80	14	42.5	51.5
40	-	-	180L	4	382	301	245	241	52	705	20	595	189	925	350	300	400	19	5.0	55	110	80	16	49.0	59.0
-	40	25,30	180L	4	382	301	245	241	52	705	20	595	189	925	350	300	400	19	5.0	55	110	80	16	49.0	59.0
-	50,60	40,50	200L	4	420	339	279	260	65	798	20	658	-	1048	400	350	450	18.5	5.0	60	140	110	18	53.0	64.0

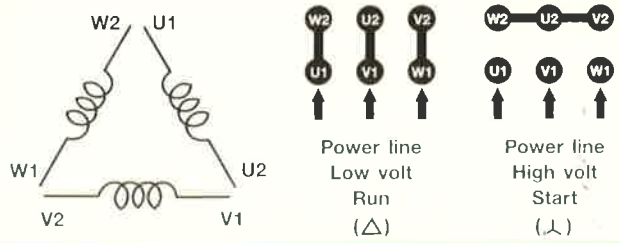
Remark : 1. Shaft dia. "D" clearance:Ø11~ Ø28j6 Ø38 ~Ø48k6 Ø55 ~ Ø60m6

2. Guidance dia "H" clearance : h7

3. The above mentioned value subject to change without notice.

OUT PUT			Frame	Insulating	Full Load Character				Starting Character		Max.Torque	Interia
HP	KW	RPM	NO.	Type	Torque Kg-M	Efficiency %	Power Factor %	Current Amps	Torque %FLT	Current Amps	%	Kg-M^2
1/4	0.185	2800	63	F	0.065	61.0	77.0	0.7	400	3.5	300	0.002
	(0.2)	1380	63	F	0.132	66.0	70.0	0.7	280	3.5	250	0.003
		925	71	F	0.194	64.0	60.0	0.9	200	3.5	250	0.006
1/2	0.37	2810	71	F	0.130	75.0	86.0	1.0	340	7.2	290	0.0025
	(0.4)	1390	71	F	0.259	70.0	75.0	1.2	200	7.2	250	0.005
		930	80	F	0.385	68.0	67.0	1.3	200	7.2	230	0.009
		2820	80	F	0.257	77.0	87.0	1.7	220	11.1	280	0.005
1	0.75	1400	80	F	0.512	76.0	76.5	2.1	230	11.1	280	0.009
		940	90L	F	0.764	76.0	71.0	2.2	200	11.1	230	0.018
		2850	90L	F	0.510	80.0	89.0	3.4	250	23.2	280	0.011
2	1.5	1410	90L	F	1.019	79.0	81.0	3.6	220	23.2	280	0.018
		945	100L	F	1.528	78.0	74.0	4.1	180	23.2	220	0.033
		2850	90L	F	0.757	82.0	89.0	4.8	250	39.3	280	0.015
3	2.2	1420	100L	F	1.514	82.0	82.5	5.2	210	39.3	260	0.033
		950	112M	F	2.273	82.0	77.0	5.5	180	39.3	230	0.060
		2860	112M	F	1.255	84.5	90.0	7.2	240	63.5	280	0.039
5	3.7	1440	112M	F	2.496	85.0	85.0	7.9	220	63.5	260	0.060
		955	132S	F	3.755	84.0	77.0	8.9	180	63.5	230	0.154
		2890	132S	F	1.872	85.0	90.0	11.5	220	92.4	260	0.066
7.5	5.5	1450	132S	F	3.733	87.0	84.0	11.8	220	92.4	250	0.1069
		960	132M	F	5.632	85.0	77.5	13.0	200	92.4	230	0.222
		2900	132S	F	2.496	86.5	90.0	14.8	200	115	210	0.078
10	7.5	1450	132M	F	7.978	88.5	88.0	14.8	220	115	250	0.146
		970	160M	F	7.445	87.0	80.0	16.5	210	115	230	0.408
		2910	160M	F	3.722	88.0	90.0	22.0	200	168	240	0.164
15	11	1460	160M	F	7.423	90.0	89.0	23.5	220	168	250	0.322
		970	160L	F	11.167	89.5	84.0	24.0	210	168	230	0.599
		2820	160M	F	4.949	89.5	91.0	28.5	200	208	240	0.191
20	15	1460	160L	F	9.898	90.5	86.0	30.1	220	208	240	0.412
		970	180M	F	14.890	90.0	85.0	30.5	200	208	210	1.007
		2920	160L	F	6.186	90.0	89.5	36.1	200	254	230	0.247
25	18.5	1465	180M	F	12.337	91.0	85.5	37.2	210	254	240	0.624
		970	180L	F	18.612	90.0	84.5	38.8	200	254	210	1.170
		2920	180M	F	7.423	90.5	90.0	42.1	200	318	230	0.315
30	22	1465	180M	F	14.806	91.54	88.0	42.4	210	318	240	0.671
		970	180L	F	22.334	91.0	84.0	45.2	200	318	210	1.365
		2925	180L	F	9.898	90.5	91.0	55.2	180	358	210	0.373
40	30	1460	180L	F	19.796	92.0	88.0	56.3	210	358	230	0.829
		970	200L	F	29.779	92.0	85.0	59.1	190	358	200	1.952
50	37	1460	200L	F	24.720	92.0	86.0	72.5	200	462	210	1.293
		970	200L	F	37.224	92.5	84.0	73.7	190	462	200	2.292
60	45	1460	200L	F	29.694	92.0	89.0	84.1	190	252	200	1.681

Wiring Diagram 6 output wire



The Quality Name

FKT®