



TECO

AEHF · AEUF SERIES **IE3**

Premium Efficiency Cast Iron Motors



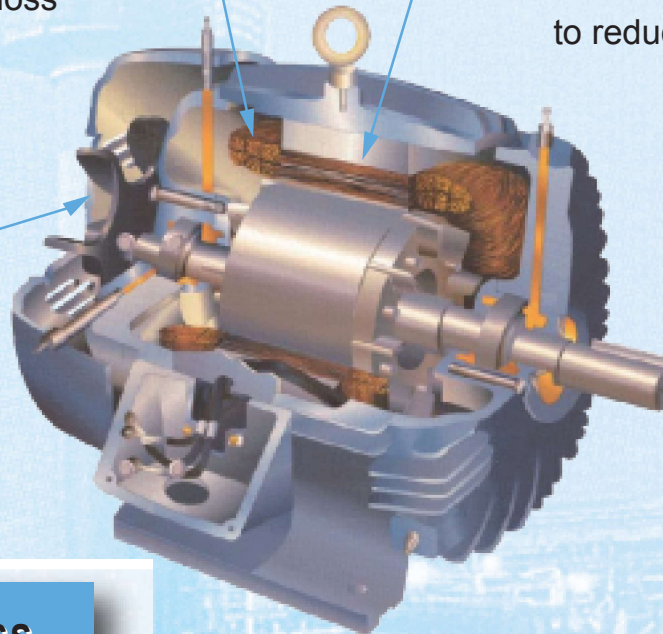
TECO MOTORS ROTATE THE WORLD

Copper Loss

Optimize the coil and the shape of core to reduce copper loss

Iron Loss

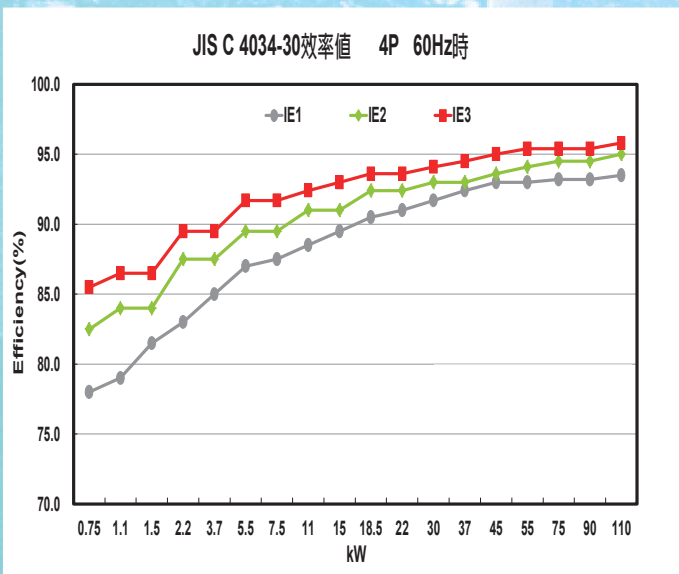
Use high quality steel plate to reduce iron loss



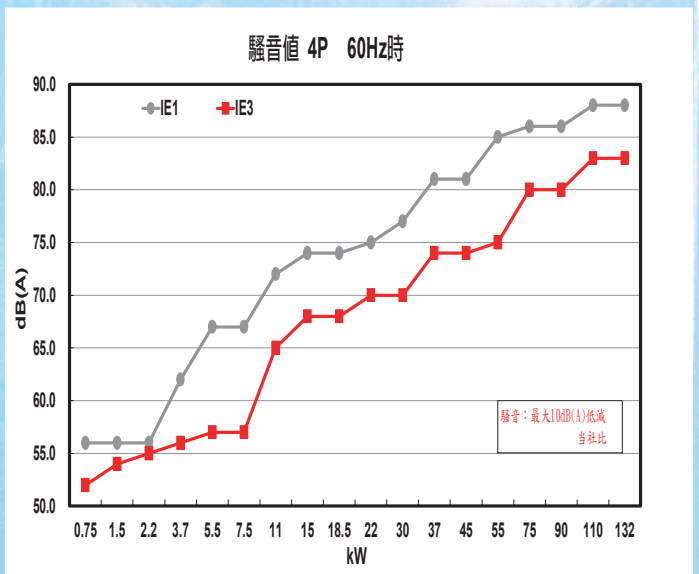
Mechanical Loss

Minimize the external fan and other method to reduce mechanical loss

Efficiency Level



Noise Level



SPECIFICATION TABLE

ITEM	STANDARD SPECIFICATION	
R A T I N G	Kind of Motors	Squirrel-Cage Induction Motors (SCIM)
	Design Standards	JIS C4212 , IEC 60034 , CNS 14400.
	Voltages	200V , 220V , 230V ,380V , 460V or others
	Frequency	50Hz or 60Hz
	Output Range	0.2kW ~ 130kW (1/4 HP ~ 175HP).
	R.P.M.(Syn.)	3000 ~ 1000 R.P.M.(2~6Poles) 50Hz. 3600 ~ 1200 R.P.M.(2~6Poles) 60Hz.
	Time Duty	Continuous. S1, S.F. : 1.15 at 60Hz (S.F. : 1.0 at 50 Hz).
	Frame Nos.	63~280 M.
	Protection Enclosure	Totally Enclosed (IP 54).
	Cooling Method	Self External Fan, Surface Cooling (IC 411).
	Mounting	Horizontal Foot Mounting B3 (IM 1001). Flange Mounting V1 (IM 3011).
A P P L I C A T I O N	Environment Conditions	Place : Shadown , Non-Hazardous , Ambient Temperature : -15°C~ 40°C. Relative Humidity : Less Than 90%RH (Non-Condensation). Altitude : Less Than 1,000M.
	Drive Method	Belt Service , However , 2 Poles 22kW and Up Coupling Service is the Way
	Direction of Rotation	Bi - Directional.
	Method of Starting	Full Voltage Direct On Line or λ - Δ Starting.
C O N S T R U C T I O N	Bearing	Bracket Mounting , Vacuum De – Gassed High Quality Open Bearings For Frame Nos. 250~315 , Grease Pre-Packed Shielded Rolling Bearings for the Others.
	Terminal Box	Frame 280 Below Pressed Steel, Frame 280 Cast Iron, Larger Size , Can be Set 90° Apart with Clearance Hole Cable Entrance at Left Side View form the Drive End.
	Stator Winding	Pre – Formed , Random Wound , Made of Heavy , Polyester Enameled Copper Wire.
	Stator Insulation	Class F Insulation System .
	Painting	Phenolic Rust Proof Base Plus Lacquer Surface Finished Painting in Jade Green (Munsell 5G 5/10).
P E R F O R M A N C E	Test Procedure	JIS C4212 、IEEE-112 Method B and Full Voltage Measuring Starting Performance.
	Temperature Rise	Frame No. Up to 180M : Not to Exceed 80°C . Frame No. 180L and above : Not to Exceed 100°C Resistance Method at S.F. 1.0.
	Over Speed	120% Syn. R.P.M. for 2 Minutes.
	Over Torque	160% Rated Torque for 15 Sec.

PERFORMANCE DATA AEHF / AEUF

TEFC, CLASS F INSULATION 40°C AMBIENT TEMP.S.F. : 1.15 at 60HZ

(220V/380V)

OUTPUT		Pole	FULL LOAD RPM	Frame No.	EFFICIENCY			POWER FACTOR			CURRENT		TORQUE			IE CODE	ROTOR GD ² kg-m ²
HP	KW				FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (%)	3/4 LOAD (%)	1/2 LOAD (%)	FULL LOAD (A)	LOCKED ROTOR (A)	FULL LOAD kg-m	PULL UP %FLT	BREAK DOWN %FLT		
1	0.75	2	3460	80	80.0	79.5	76.0	84.5	78.0	67.0	2.91	26	0.211	435	375	430	0.006
		4	1730	80	85.5	84.5	82.5	72.0	62.0	48.0	3.20	26	0.422	415	400	420	0.013
		6	1145	90L	82.5	83.0	81.5	70.0	62.0	49.0	3.41	20	0.637	195	175	265	0.022
2	1.5	2	3445	90L	85.5	86.0	84.5	86.0	81.0	71.0	5.35	46	0.424	395	375	395	0.011
		4	1745	90L	87.5	88.0	86.0	78.0	70.0	57.0	5.77	51	0.836	325	290	385	0.023
		6	1165	112M	88.5	88.0	85.5	69.0	59.0	47.0	6.45	44	1.253	160	155	270	0.071
3	2.2	2	3455	90L	86.5	86.5	85.5	86.5	81.5	71.0	7.72	70	0.620	390	370	400	0.015
		4	1745	100L	89.5	90.0	89.5	82.0	75.0	63.0	7.87	75	1.227	320	250	330	0.050
		6	1160	112M	89.5	89.0	87.5	71.0	61.0	49.0	9.09	57	1.845	165	155	265	0.084
5	3.7	2	3475	112M	88.5	89.0	88.0	90.5	87.0	80.0	12.12	120	1.036	320	280	385	0.046
		4	1750	112M	89.5	90.0	89.5	82.0	77.0	67.0	13.23	110	2.057	225	180	325	0.083
		6	1165	132S	89.5	90.0	89.0	78.0	72.0	60.0	13.91	105	3.090	185	170	280	0.143
7.5	5.5	2	3510	132S	90.2	90.2	89.5	89.0	86.5	80.0	17.98	140	1.525	245	200	295	0.760
		4	1760	132S	91.7	91.5	91.0	85.0	81.5	72.5	18.52	160	3.041	250	195	310	0.133
		6	1175	132M	91.0	91.0	90.0	75.0	68.0	55.0	21.15	170	4.554	230	210	345	0.217
10	7.5	2	3510	132S	90.2	90.2	89.5	87.0	84.0	77.0	25.08	200	2.079	255	215	300	0.076
		4	1765	132M	91.7	92.0	91.5	85.5	81.0	72.0	25.10	230	4.135	270	200	320	0.173
		6	1175	160M	91.7	92.0	91.0	79.0	73.5	62.5	27.17	210	6.211	280	235	285	0.484
15	11	2	3535	160M	91.7	92.0	91.0	90.5	89.0	84.0	34.79	280	3.028	235	185	285	0.183
		4	1765	160M	92.4	92.4	92.0	86.0	83.0	74.5	36.33	290	6.064	245	185	275	0.367
		6	1170	160L	91.7	92.0	91.5	80.0	75.0	64.0	39.35	320	9.148	305	255	290	0.630
20	15	2	3530	160M	91.7	92.0	91.5	90.0	88.0	81.0	47.70	390	4.135	240	190	290	0.186
		4	1765	160L	93.0	93.0	92.5	86.0	83.0	75.0	49.22	400	8.269	255	190	285	0.462
		6	1175	180MC	92.0	93.0	93.0	83.0	80.0	72.0	51.55	340	12.421	240	185	235	0.630
25	18.5	2	3535	160L	92.4	92.4	92.0	91.0	90.0	84.5	57.74	500	5.092	260	200	295	0.237
		4	1770	180MC	93.6	93.6	92.5	87.0	84.5	77.5	59.62	470	10.170	250	190	265	0.707
		6	1180	180LC	93.5	93.5	93.0	82.0	77.0	67.0	63.33	530	15.255	305	245	310	0.810
30	22	2	3545	180MA	93.0	93.0	92.0	88.5	86.5	80.0	70.15	560	6.038	225	180	280	0.283
		4	1775	180MC	93.6	93.5	93.5	84.0	81.0	73.0	73.43	560	12.060	220	160	250	0.792
		6	1180	180LC	93.5	93.5	93.5	83.0	78.5	69.0	74.40	590	18.141	285	225	285	1.917
40	30	2	3550	180LA	93.5	94.0	93.0	92.0	90.5	86.0	91.53	840	8.223	280	215	325	0.434
		4	1775	180LC	94.1	94.5	94.0	85.5	83.5	77.0	97.86	720	16.445	225	185	255	1.005
		6	1180	200LC	94.1	94.0	93.5	86.5	84.5	78.0	96.73	620	24.737	210	165	215	3.023
50	37	2	3555	200LA	93.0	92.5	91.5	89.0	86.5	79.0	117	960	10.127	170	145	295	1.018
		4	1780	200LC	95.0	95.0	94.5	85.5	83.0	75.0	120	870	20.225	215	180	250	1.896
		6	1185	200LC	94.1	94.5	93.5	85.0	81.5	73.0	121	860	30.381	240	185	240	3.605
60	45	2	3555	200LA	93.6	93.5	92.5	91.5	91.5	88.0	138	1000	12.316	160	130	265	1.187
		4	1775	200LC	95.5	95.5	95.5	85.5	83.0	75.0	145	1050	24.668	215	185	260	1.979
		6	1185	225SC	94.5	94.5	94.0	86.5	83.5	76.0	144	1090	36.949	240	215	260	5.106
75	55	2	3570	225SA	94.5	95.0	94.5	90.0	90.0	86.0	170	1310	14.990	165	140	290	1.541
		4	1785	225SC	95.5	95.5	95.0	86.5	84.5	78.0	175	1440	29.980	290	205	260	3.911
		6	1185	250SC	95.0	95.5	94.5	83.0	79.5	71.0	183	1260	45.160	190	165	260	6.492
100	75	2	3565	250SA	94.5	94.5	94.0	88.5	87.0	82.0	235	1650	20.470	140	120	285	1.759
		4	1780	250SC	95.4	95.0	93.5	86.0	84.5	78.0	240	1870	40.997	190	150	300	4.853
		6	1185	250MC	95.0	94.5	94.0	86.0	83.5	76.0	241	1620	61.582	185	160	250	8.175
125	90	2	3575	250MA	95.0	94.5	93.5	89.0	87.0	82.0	279	2470	24.495	135	140	310	2.287
		4	1785	250MC	95.4	95.5	95.0	86.0	83.0	75.0	288	2540	49.059	200	185	305	6.111
		6	1185	280M	95.2	95.5	95.2	85.0	83.0	76.0	292	2500	73.912	280	210	250	15.080
150	110	2	3570	280S	95.2	95.0	94.5	90.0	87.0	82.0	337	2420	30.011	190	170	250	4.027
		4	1785	280S	95.8	95.8	95.5	88.0	86.0	81.0	342	2900	60.022	210	190	260	9.180
		6	1185	280M	95.8	95.7	95.3	88.0	86.0	80.0	342	2750	90.414	260	190	240	17.294
175	132	2	3570	280M	95.4	95.2	94.7	88.0	86.0	83.0	413	2650	36.013	190	165	240	4.552
		4	1785	280M	96.2	95.5	95.0	88.0	86.0	82.0	409	2970	72.027	190	165	240	10.40

- NOTE : 1. The above are typical values based on test accord to ANSI / IEEE standard 112 method B.
 2. Tolerance according to IEC 60034-1.
 3. Efficiency, power factor, speed and torque are the same for other voltages.
 4. Data subject to change without notice.

Dimension - AEHF

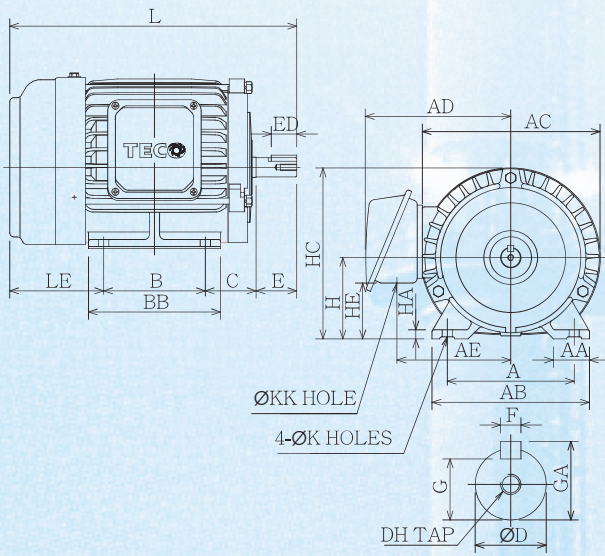


FIG1

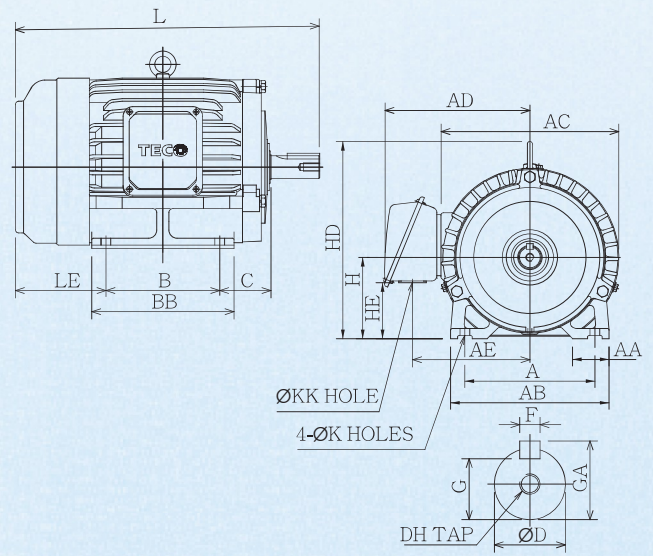


FIG2

Dimension in mm

Output (HP)			Frame Size	FIG NO.	A	AA	AB	AC	AD	AE	B	BB	C	H	HA	HC	HD	HE
2P	4P	6P																
0.25	0.25	—	63	1	100	28.0	120	144	123	93	80	100	40	63	8.0	135	—	29
0.5	0.5	—	71		112	35.5	140	162	133	103	90	115	45	71	8.0	152	—	54
1	1	0.5	80		125	35.5	155	177	144	112	100	130	50	80	9.0	168	—	55
$\frac{2}{3}$	2	1	90L		140	35.5	170	200	157	125	125	150	56	90	10.0	190	—	65
—	3	—	100L	2	160	45.0	195	219	180	145	140	175	63	100	12.5	—	243	71
5	5	$\frac{2}{3}$	112M		190	45.0	224	238	189	154	140	175	70	112	14.0	—	265	83
$\frac{7.5}{10}$	7.5	5	132S		216	45.0	250	273	225	180	140	175	89	132	16.0	—	310	83
—	10	7.5	132M		216	45.0	250	273	225	180	178	212	89	132	16.0	—	310	83

Frame Size	K	KK	L	LE	SHAFT EXTENSION							BEARING		APPROX. WEIGHT kgs
					D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	
63	φ7	φ22	219.0	76.0	11	23	18	4	8.5	12.5	M4×8	6201ZZ	6201ZZ	8.5
71	φ7	φ22	250.5	85.5	14	30	24	5	11.0	16.0	M5×10	6202ZZ	6202ZZ	11.5
80	φ10	φ22	282.0	92.0	19	40	25	6	15.5	21.5	M6×12	6204ZZ	6204ZZ	17.0
90L	φ10	φ22	332.5	101.5	24	50	32	8	20.0	27.0	M8×16	6205ZZ	6205ZZ	24.0
100L	φ12	φ28	374.5	111.5	28	60	40	8	24.0	31.0	M10×20	6206ZZ	6305ZZ	38.0
112M	φ12	φ28	391.0	121.0	28	60	40	8	24.0	31.0	M10×20	6306ZZ	6306ZZ	46.0
132S	φ12	φ35	454.0	145.0	38	80	64	10	33.0	41.0	M12×24	6308ZZ	6306ZZ	68.0
132M	φ12	φ35	492.0	145.0	38	80	64	10	33.0	41.0	M12×24	6308ZZ	6306ZZ	79.0

Note : 1. Tolerance of Shaft End Diameter : φ11 ~ φ28 : J6 , φ38 : K6 .

2. Tolerance of Shaft Center Height : +0 , -0.5 .

Dimension - AEHF

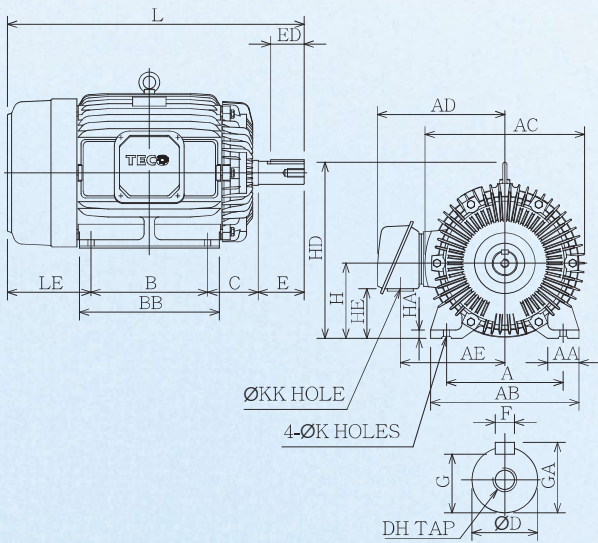


FIG3

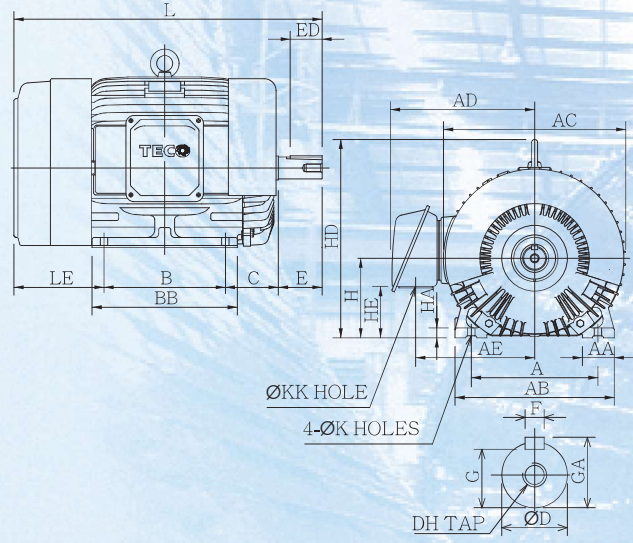


FIG4

Dimension in mm

Output (HP)			Frame Size	FIG NO.	A	AA	AB	AC	AD	AE	B	BB	C	H	HA	HD	HE
2P	4P	6P															
15 20	15	10	160M	3	254	50	300	334	263	218	210	250	108	160	18	377	108
25	20	15	160L		254	50	300	334	263	218	254	300	108	160	18	377	108
30	—	—	180MA	4	279	75	355	382	305	250	241	389	121	180	22	431	119
—	25 30	20	180MC	3	279	75	355	382	305	250	241	389	121	180	22	431	119
40	—	—	180LA	4	279	75	355	382	305	250	279	389	121	180	22	431	119
—	40	25 30	180LC	3	279	75	355	382	305	250	279	389	121	180	22	431	119
50 60	—	—	200LA	4	318	80	400	458	362	299	305	400	133	200	25	499	129
—	50 60	40 50	200LC	3	318	80	400	458	362	299	305	400	133	200	25	499	129
75	—	—	225SA	4	356	100	450	510	411	337	286	415	149	225	30	550	153
—	75	60	225SC	3	356	100	450	510	411	337	286	415	149	225	30	550	153

Frame Size	K	KK	L	LE	SHAFT EXTENSION							BEARING		APPROX. WEIGHT kgs
					D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	
160M	φ 14.5	φ 35	608.0	180.0	42	110	80	12	37.0	45.0	M16×32	6309ZZ	6307ZZ	125
160L	φ 14.5	φ 35	652.0	180.0	42	110	80	12	37.0	45.0	M16×32	6309ZZ	6307ZZ	140
180MA	φ 14.5	φ 52	710.0	238.0	48	110	80	14	42.5	51.5	M16×32	6311ZZC3	6310ZZC3	235
180MC	φ 14.5	φ 52	710.0	238.0	48	110	80	14	42.5	51.5	M16×32	6311ZZ	6310ZZ	250
180LA	φ 14.5	φ 52	764.0	254.0	55	110	80	16	49.0	59.0	M20×40	6312ZZC3	6310ZZC3	240
180LC	φ 14.5	φ 52	764.0	254.0	55	110	80	16	49.0	59.0	M20×40	6312ZZ	6310ZZ	255
200LA	φ 18.5	φ 65	809.5	261.5	55	110	80	16	49.0	59.0	M20×40	6312ZZC3	6212ZZC3	355
200LC	φ 18.5	φ 65	839.5	261.5	60	140	110	18	53.0	64.0	M20×40	6314ZZ	6212ZZ	385
225SA	φ 18.5	φ 92	850.0	305.0	55	110	80	16	49.0	59.0	M20×40	6312ZZC3	6212ZZC3	470
225SC	φ 18.5	φ 92	880.0	305.0	65	140	110	18	58.0	69.0	M20×40	6315ZZ	6213ZZ	500

Note : 1. Tolerance of Shaft End Diameter : φ 42 ~ φ 48 : k6 , φ 55 ~ φ 65 : m6 .
 2. Tolerance of Shaft Center Height : +0 , -0.5 .

Dimension - AEHF

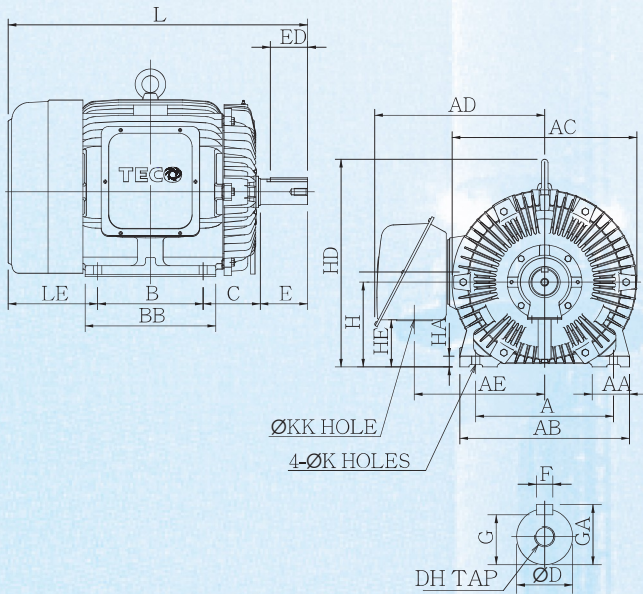


FIG5

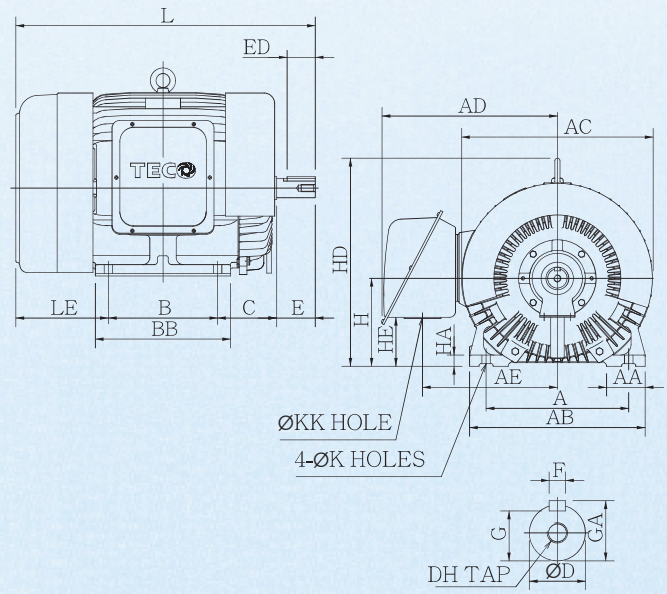


FIG6

Dimension in mm

Output (HP)			Frame Size	FIG NO.	A	AA	AB	AC	AD	AE	B	BB	C	H	HA	HD	HE
2P	4P	6P															
100	—	—	250SA	6	406	110	500	545	499	384	311	385	168	250	32	612	139
—	100	75	250SC	5	406	110	500	545	499	384	311	385	168	250	32	612	139
125	—	—	250MA	6	406	110	500	545	499	384	349	480	168	250	32	612	139
—	125	100	250MC	5	406	110	500	545	499	384	349	480	168	250	32	612	139

Frame Size	K	KK	L	LE	SHAFT EXTENSION							BEARING		APPROX. WEIGHT kgs
					D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	
250SA	φ 24	φ 92	852.5	263.5	55	110	80	16	49.0	59.0	M20×40	6313C3	6313C3	500
250SC	φ 24	φ 92	882.5	263.5	75	140	110	20	67.5	79.5	M20×40	NU316	6313	565
250MA	φ 24	φ 92	947.5	320.5	55	110	80	16	49.0	59.0	M20×40	6313C3	6313C3	590
250MC	φ 24	φ 92	977.5	320.5	75	140	110	20	67.5	79.5	M20×40	NU316	6313	640

Note : 1. Tolerance of Shaft End Diameter : φ 55 ~ φ 75 : m6 .

2. Tolerance of Shaft Center Height : +0 , -0.5 .

Dimension - AEHF

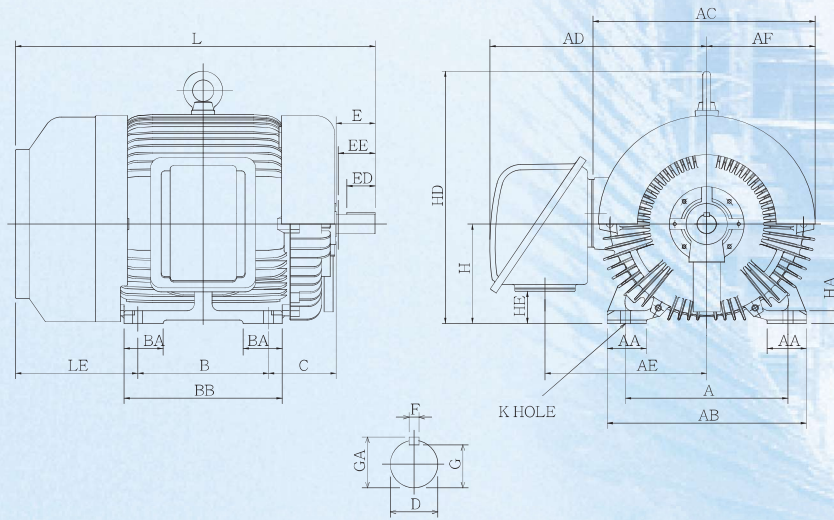


FIG7

Dimension in mm

Output (HP)			Frame Size	FIG NO.	A	AA	AB	AC	AD	AE	AF	B	BA	BB	C	D	E
2P	4P	6P			A	AA	AB	AC	AD	AE	AF	B	BA	BB	C	D	E
*150	-	-	280S	7	457	110	560	625	610	455	305	368	110	445	190	55	110
-	150	125	280S		457	110	560	625	610	455	305	368	110	445	190	85	170
*175	-	-	280M		457	110	560	625	610	455	305	419	130	495	190	55	110
-	175	150	280M		457	110	560	625	610	455	305	419	130	495	190	85	170

Frame Size	ED	EE	F	G	GA	H	HA	HD	HE	K	L	LE	BEARING		APPROX. WEIGHT kgs
													DRIVE END	OPPOSITE DRIVE END	
280S	80	104	16	49	59	280	36	710	91	24	1012	344	6314C3	6314C3	680
280S	140	157	22	76	90	280	36	710	91	24	1072	344	NU320	6316	750
280M	80	104	16	49	59	280	36	710	91	24	1012	343	6313C3	6313C3	725
280M	140	157	22	76	90	280	36	710	91	24	1072	343	NU316	6313	815

- Note :
1. Tolerance of Shaft End Diameter : m6 °
 2. Tolerance of Shaft Center Height :+0 , -1 °
 3. Usable Shaft Length:EE
 4. *For Direct Flexible Coupling.

SHAFT EXTENSION

Dimension - AEUF

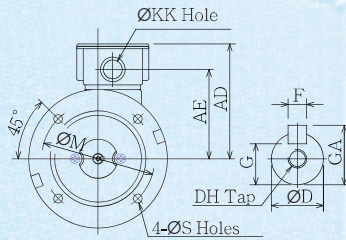
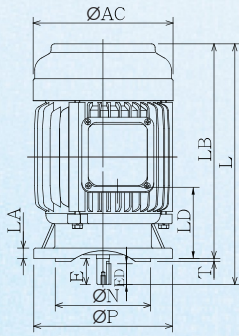


FIG8

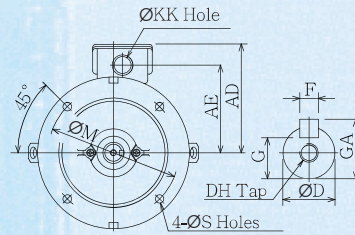
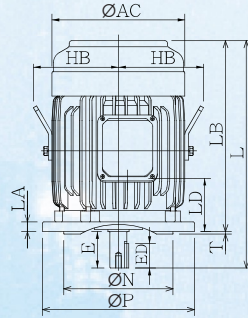


FIG9

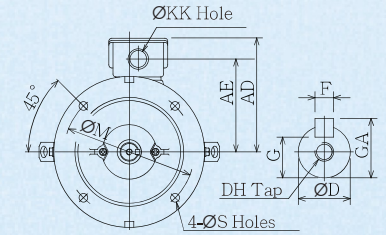
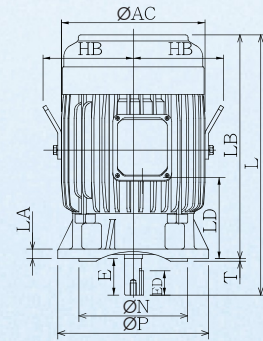


FIG10

Dimension in mm

Output (HP)			Frame Size	FIG NO.	AC	AD	AE	HB	KK	L	LA	LB	LD	M	N	P	S	T
2P	4P	6P																
0.25	0.25	—	63	8	144	123	93	—	22	248.0	12	225.0	74	130	110	160	10.0	3.5
0.5	0.5	—	71		162	133	103	—	22	277.5	12	247.5	82	130	110	160	10.0	3.5
1	1	0.5	80	9	177	144	112	—	22	282.0	12	242.0	60	165	130	200	12.0	3.5
² / ₃	2	1	90L	10	200	157	125	—	22	371.5	12	321.5	113	165	130	200	12.0	3.5
—	3	—	100L	9	219	180	145	140	28	374.5	16	314.5	88	215	180	250	14.5	4.0
5	5	² / ₃	112M	10	238	189	154	150	28	431.0	16	371.0	135	215	180	250	14.5	4.0
^{7.5} / ₁₀	7.5	5	132S	9	273	224	180	169	35	454.0	20	374.0	97	265	230	300	14.5	4.0
—	10	7.5	132M		273	224	180	169	35	492.0	20	412.0	116	265	230	300	14.5	4.0

Frame Size	SHAFT EXTENSION							BEARING		APPROX. WEIGHT kgs
	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	
63	11	23	10	4	8.5	12.5	M4×8	6201ZZ	6201ZZ	9.5
71	14	30	14	5	11.0	16.0	M5×10	6202ZZ	6202ZZ	12.5
80	19	40	25	6	15.5	21.5	M6×12	6204ZZ	6204ZZ	19.5
90L	24	50	32	8	20.0	27.0	M8×16	6205ZZ	6205ZZ	27.0
100L	28	60	40	8	24.0	31.0	M10×20	6206ZZ	6305ZZ	43.0
112M	28	60	40	8	24.0	31.0	M10×20	6306ZZ	6306ZZ	51.0
132S	38	80	64	10	33.0	41.0	M12×24	6308ZZ	6306ZZ	73.0
132M	38	80	64	10	33.0	41.0	M12×24	6308ZZ	6306ZZ	84.0

Note : 1. Tolerance of Shaft End Diameter : $\phi 11 \sim \phi 28$: j6, $\phi 38$: k6

2. Tolerance of N : j6

Dimension - AEUF

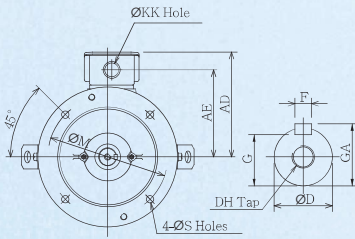
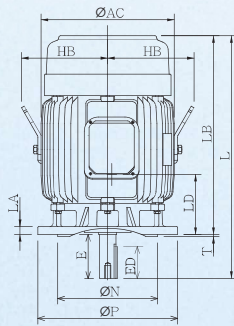


FIG11

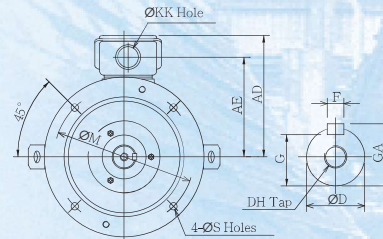
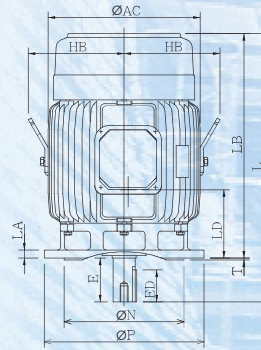


FIG12

Dimension in mm

Output (HP)			Frame Size	FIG NO.	AC	AD	AE	HB	KK	L	LA	LB	LD	M	N	P	S	T
2P	4P	6P																
15 20	15	10	160M	11	334	263	218	217	35	608	20	498	151.0	300	250	350	18.5	5
25	20	15	160L		334	263	218	217	35	652	20	542	173.0	300	250	350	18.5	5
30	—	—	180MA	12	382	305	250	241	52	672	20	562	170.5	350	300	400	18.5	5
—	25 30	20	180MC		382	305	250	241	52	672	20	562	170.5	350	300	400	18.5	5
40	—	—	180LA		382	305	250	241	52	710	20	600	189.5	350	300	400	18.5	5
—	40	25 30	180LC		382	305	250	241	52	710	20	600	189.5	350	300	400	18.5	5

Frame Size	SHAFT EXTENSION							BEARING		APPROX. WEIGHT kgs
	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	
160M	42	110	80	12	37.0	45.0	M16×32	6309ZZ	6307ZZ	133
160L	42	110	80	12	37.0	45.0	M16×32	6309ZZ	6307ZZ	148
180MA	48	110	80	14	42.5	51.5	M16×32	6311ZZC3	6310ZZC3	235
180MC	48	110	80	14	42.5	51.5	M16×32	6311ZZ	6310ZZ	250
180LA	55	110	80	16	49.0	59.0	M20×40	6312ZZC3	6310ZZC3	240
180LC	55	110	80	16	49.0	59.0	M20×40	6312ZZ	6310ZZ	255

Note : 1. Tolerance of Shaft End Diameter : $\phi 42 \sim \phi 48$: k6, $\phi 55 \sim \phi 65$: m6

2. Tolerance of N : j6

Dimension - AEUF

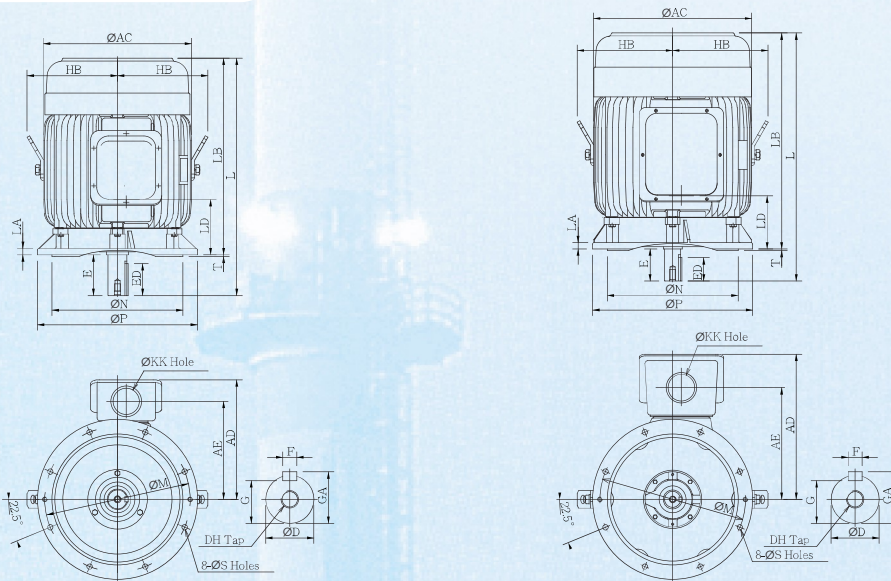


FIG14

Dimension in mm

Output (HP)			Frame Size	FIG NO.	AC	AD	AE	HB	KK	L	LA	LB	LD	M	N	P	S	T
2P	4P	6P																
50 60	—	—	200LA	13	458	362	299	286.0	65	809.5	20	699.5	212.0	400	350	450	18.5	5
—	50 60	40 50	200LC		458	362	299	286.0	65	839.5	20	699.5	212.0	400	350	450	18.5	5
75	—	—	225SA		510	411	337	312.0	92	850.0	22	740.0	222.0	500	450	550	18.5	5
—	75	60	225SC		510	411	337	312.0	92	880.0	22	740.0	222.0	500	450	550	18.5	5
100	—	—	250SA	14	545	499	384	329.5	92	852.5	22	742.5	182.5	500	450	550	18.5	5
—	100	75	250SC		545	499	384	329.5	92	882.5	22	742.5	182.5	500	450	550	18.5	5
125	—	—	250MA		545	499	384	329.5	92	947.5	22	837.5	230.0	500	450	550	18.5	5
—	125	100	250MC		545	499	384	329.5	92	977.5	22	837.5	230.0	500	450	550	18.5	5

Frame Size	SHAFT EXTENSION							BEARING		APPROX. WEIGHT kgs
	D	E	ED	F	G	GA	DH	DRIVE END	OPPOSITE DRIVE END	
200LA	55	110	80	16	49.0	59.0	M20×40	6312ZZC3	6212ZZC3	355
200LC	60	140	110	18	53.0	64.0	M20×40	6314ZZ	6212ZZ	385
225SA	55	110	80	16	49.0	59.0	M20×40	6312ZZC3	6212ZZC3	470
225SC	65	140	110	18	58.0	69.0	M20×40	6315ZZ	6213ZZ	500
250SA	55	110	80	16	49.0	59.0	M20×40	6313C3	6313C3	500
250SC	75	140	110	20	67.5	79.5	M20×40	NU316	6313	565
250MA	55	110	80	16	49.0	59.0	M20×40	6313C3	6313C3	590
250MC	75	140	110	20	67.5	79.5	M20×40	NU316	6313	640

Dimension - AEUF

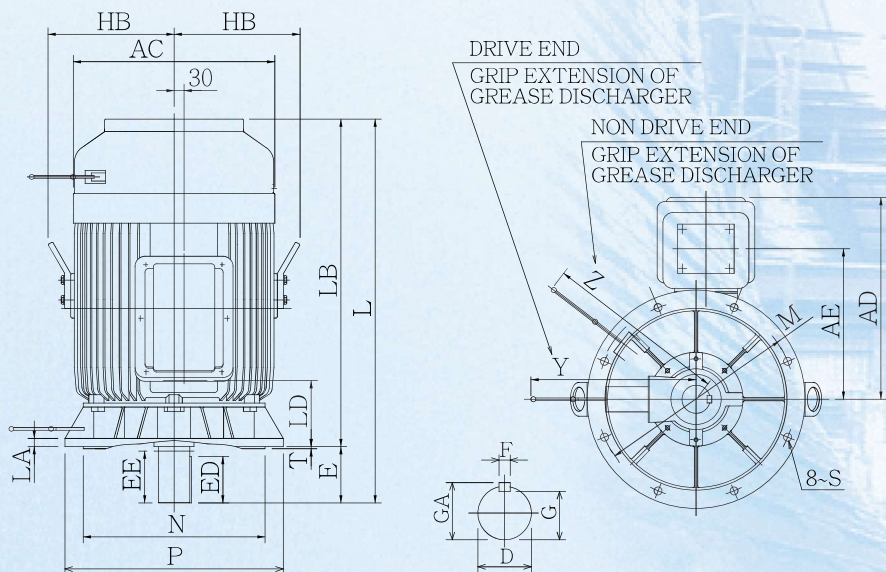


FIG15

Dimension in mm

Output (HP)			Frame Size	FIG NO.	AC	AD	AE	D	E	ED	EE	F	G	GA	HB	L
2P	4P	6P														
*150	-	-	280S	15	610	610	455	55	110	80	104	16	49	59	383	1012
-	150	125	280S		610	610	455	85	170	140	157	22	76	90	383	1072
*175	-	-	280M		610	610	455	55	110	80	104	16	49	59	383	1101
-	175	150	280M		610	610	445	85	170	140	157	22	76	90	383	1161

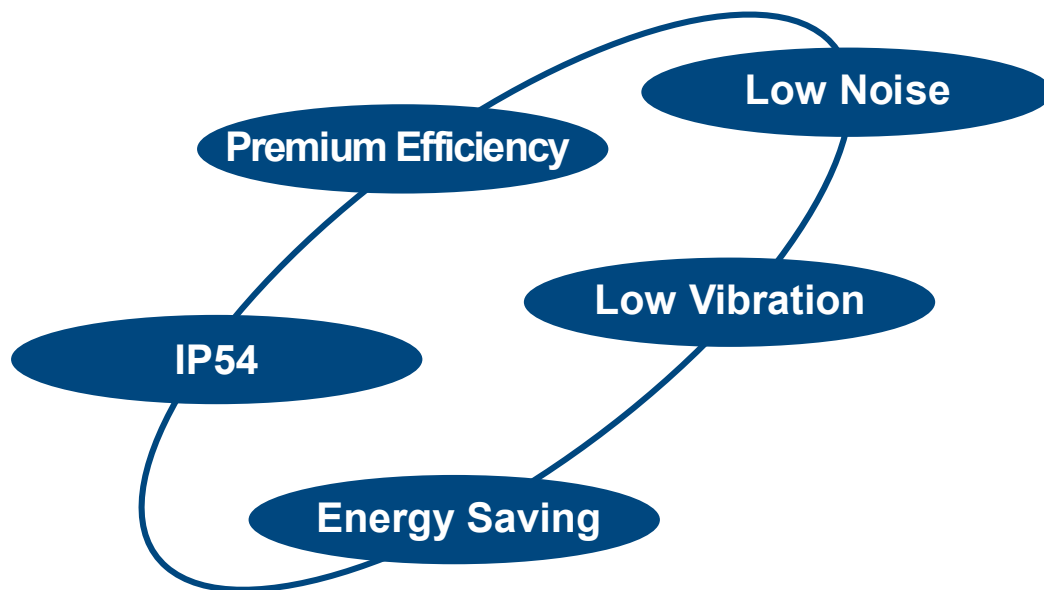
Frame Size	LA	LB	LD	M	N	P	S	T	Y	Z	BEARING		APPROX. WEIGHT kgs
											DRIVE END	OPPOSITE DRIVE END	
280S	25	902	156	600	550	660	24	6	585	585	6314C3	6314C3	740
280S	25	902	156	600	550	660	24	6	560	535	NU320C3	6316	820
280M	25	901	200	600	550	660	24	6	585	585	6314C3	6314C3	790
280M	25	901	200	600	550	660	24	6	560	535	NU320C3	6316	895

Note : 1. Tolerance of Shaft End Diameter : m6 °

2. Tolerance of N : j6

3. Usable Shaft Length:EE

4. *For Direct Flexible Coupling.



AEHF



AEUF



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