

Electric Motor (IE3 Standard)



HFEH Model



HFEV Model

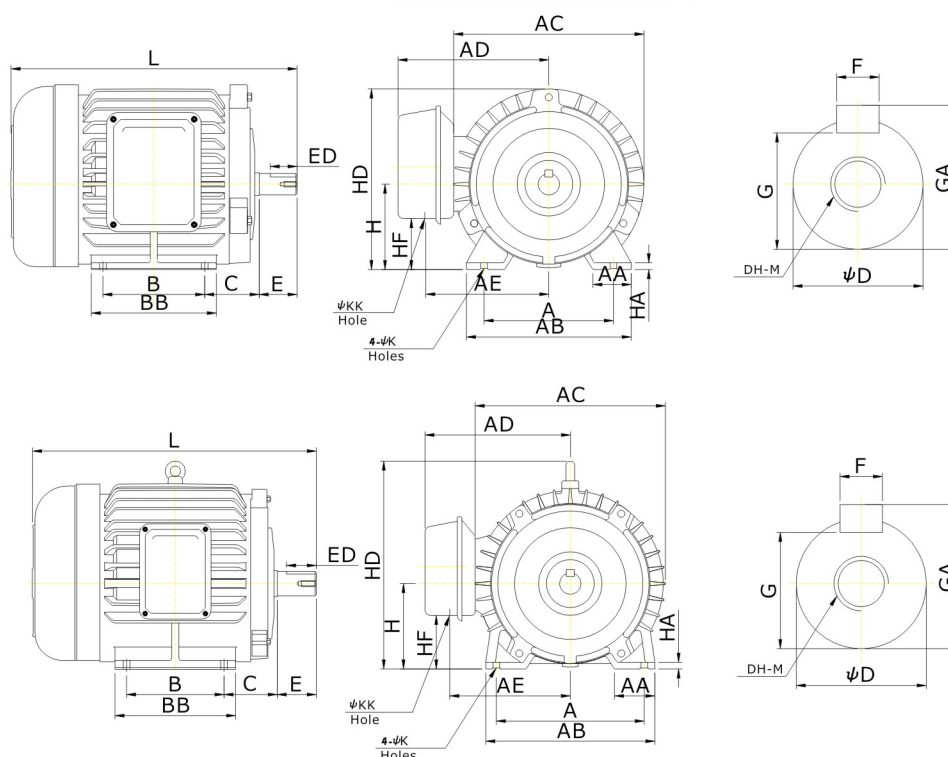


- Conforming to CNS14400 IE3 National Standard.
- Enclosed Fan-cooled, 2 or 4 Pole motor.
- Enclosed class: IP54 or IP55.
- Voltage: 220/380V
- Safety Factor: S.F. 1.0
- Insulation class: F
- Frame: 80M~225S
- Output: 1HP~75HP (0.75KW~55KW)
- Model: **HFEH** Horizontal type
HFEV Vertical type

Performance Data

輸出 OUTPUT		極數 P	框號 FRAME NO	滿載轉速 FULL LOAD RPM	電流(A) CURRENT		轉矩 TORQUE			效率(%) EFFICIENCY			功率因數(%)		
馬力 HP	仟瓦 kW				滿載 FULL LOAD	起動 LOCKED ROTOR	滿載 F/L(KG-m)	起動 LOCKED ROTOR(%)	最大 BREAK DOWN(%)	滿載 100% LOAD	負載 75% LOAD	負載 50% LOAD	滿載 100% LOAD	負載 75% LOAD	負載 50% LOAD
1	0.75	2	80M	3475	3.0	29	0.21	400	430	83	82.3	79.1	79	70.5	57.5
		4	80M	1735	3.2	30	0.42	430	460	85.5	84.2	80	71	61.5	48.5
2	1.5	2	90L	3465	5.2	44	0.42	360	370	85.5	86.1	85	89	85.5	78
		4	90L	1725	6.0	42	0.85	320	350	86.5	87	85.8	76	69.5	57
3	2.2	2	90L	3475	7.6	70	0.62	310	260	86.5	87.2	86.5	87.5	83	73
		4	100L	1740	8.0	76	1.23	310	330	89.5	89.9	88.7	81	75	63
5	3.7	2	112M	3515	12	112	1.03	280	370	88.5	88.7	87.7	89	85.5	78.5
		4	112M	1760	14	127	2.05	290	310	89.5	89.4	88.1	77.5	70.5	58
7.5	5.5	2	132S	3515	18	135	1.52	240	280	89.5	90.1	89.5	87.5	86.5	82
		4	132S	1765	19	142	3.04	280	300	91.7	91.5	89.9	81	76.5	66.5
10	7.5	2	132S	3515	25	183	2.08	260	270	90.2	91	90.7	87	85.5	80
		4	132M	1765	27	199	4.14	290	300	91.7	91.7	90.7	80.5	76	65.5
15	11	2	160M	3535	35	266	3.03	230	320	91	91.2	90.1	91	89.5	86
		4	160M	1770	38	320	6.05	270	280	92.4	92.6	91.7	82.5	79	70.5
20	15	2	160M	3530	48	340	4.14	210	310	91	91.5	91.1	90	89	85.5
		4	160L	1765	51	342	8.28	260	290	93	93.5	93.2	83	79	70.5
25	19	2	160L	3550	59	581	5.08	240	260	91.7	92	91.3	89.5	87	81
		4	180M	1775	64	417	10.2	250	260	93.6	93.9	93.4	81.5	78	69.5
30	22	2	180M	3545	71	557	6.04	220	280	91.7	92.1	91.3	88.5	88	84.5
		4	180M	1770	74	433	12.1	220	230	93.6	94.3	94.3	83	81	74.5
40	30	2	180L	3540	95	566	8.25	200	290	92.4	93.2	92.9	89	88.5	85.5
		4	180L	1770	103	615	16.5	210	240	94.1	94.7	94.5	81	78	70
50	37	2	200L	3550	118	840	10.2	180	310	93	93.2	92.6	88.5	87	82
		4	200L	1775	123	949	20.3	270	280	94.5	94.9	94.5	83.5	80	71.5
60	45	2	200L	3550	141	1013	12.3	180	290	93.6	94	93.8	89.5	88.5	85.5
		4	200L	1775	148	1005	24.7	190	260	95	95.4	95.1	84	81.5	74
75	55	2	225S	3575	171	1553	15	220	320	93.6	93.7	93	90	88.5	83
		4	225S	1790	187	1585	29.9	270	300	95.4	95.5	94.9	81	76.5	66.5

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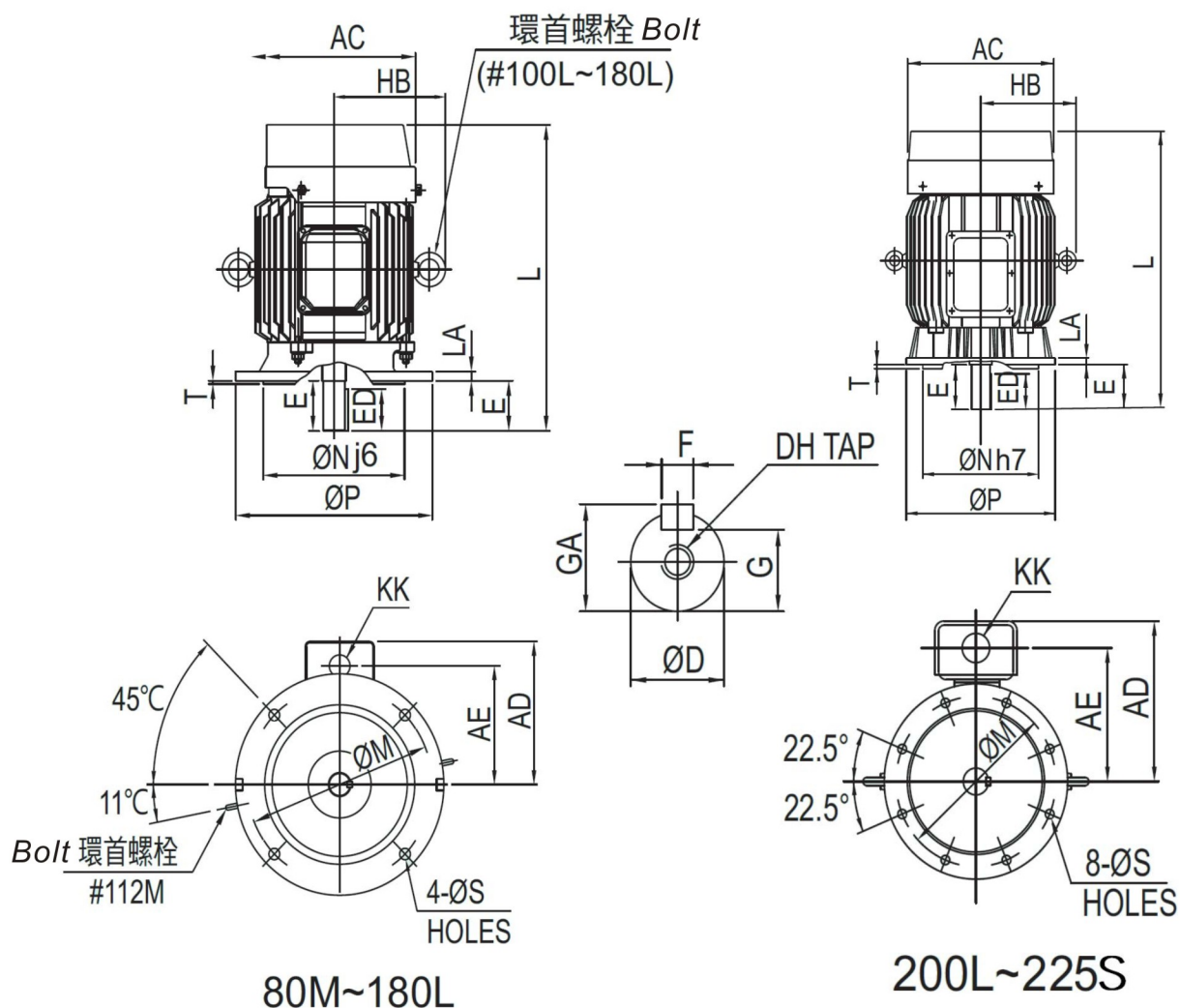
Dimensions

Unit: MM

框號	出力OUTPUT(HP)		ψAC	AD	ψKK	AE	HB	L	LA	M	N	P	S	T	軸端 SHAFT END															
FRAME NO.	2P	4P													E	ED	ψD	F	GA	G	DH									
80M	1	1	180	146	22	118	—	296	12	165	130	200	12	3.5	40	30	19	6	21.5	15.5	M6*12L									
90L	2, 3	2	207	164	28	127	—	327	10	215	180	250	14.5	4	50	40	24	8	27	20	M8*20L									
100L	—	3	223	183		155	146	378	15						60	50	28	8	31	24	M10*25L									
112M	5	5	243	183	155	152	382	11	80	65	38	10			41	33	M12*25L													
132S	7.5, 10	7.5	286	225	35	179	184	450	12	265	230	300			18.5	5	110	90	42	12	45	37	M16*36L							
132M	—	10						488					603	647										676.5	15	350	300	400	48	14
160M	15, 20	15	327	275	52	230	213	603	19	300	250	350	18.5	5										110	90	42	12	45	37	M16*36L
160L	25	20																												
180M	30	25,30	390	345	63	285	260	676.5	15	350	300	400			18.5	5	110	90	42	12	45	37	M16*36L							
180L	40	40																												
200L	50,60	—	442	365	63	301	288	772.5	19	400	350	450	18.5	5										110	90	42	12	45	37	M16*36L
	—	50,60																												
225S	75	—	487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
	—	75																												
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90	42	12	45	37	M16*36L							
			487	457	91	345	312	828.5	22	500	450	550	18.5	5										110	90	42	12	45	37	M16*36L
			487	457	91	345	312	828.5	22	500	450	550			18.5	5	110	90												

框號	L	HA	AA	BA	AD	軸端 SHAFT END							軸承 BEARING		略重
						E	ED	ψD	F	GA	G	DH	L.S	O.S	
80M	270	8	35	—	146	40	30	19	6	21.5	15.5	M6*12L	6204ZZ	6204ZZ	16
90L	327	10	40	—	164	50	40	24	8	27	20	M8*20L	6205ZZ	6205ZZ	25
100L	378	12	40	—	164	60	50	28	8	31	24	M10*25L	6206ZZ	6206ZZ	32
112M	382	12	40	—	180	60	50	28	8	31	24	M10*25L	6207ZZ	6206ZZ	43
132S	450	15	50	—	213	80	65	38	10	41	33	M12*25L	6308ZZ	6208ZZ	67
132M	488	15	50	—	213	80	65	38	10	41	33	M12*25L	6308ZZ	6208ZZ	74
160M	603	18	60	—	275	110	90	42	12	45	37	M16*36L	6310ZZ	6208ZZ	113
160L	647	18	60	—	275	110	90	42	12	45	37	M16*36L	6310ZZ	6208ZZ	136
180M	676.5	20	60	82.5	340	110	90	48	14	51.5	42.5	M16*36L	6310ZZ	6210ZZ	172
															170
180L	714.5	20	60	82.5	340	110	90	55	16	59	49	M20*42L	6312C3	6212ZZC3	202
													6312ZZ	6212ZZC3	212
200L	772.5	20	80	80	353	110	90	55	16	59	49	M20*42L	6312C3	6212C3	290
	802.5					140	110	60	18	64	53	M20*42L	6313ZZ	6212ZZ	290
225S	790	20	80	120	440	110	90	55	16	59	49	M20*42L	6312C3	6312C3	390
	820					140	110	65	18	69	58	M20*42L	6315ZZ	6312ZZ	388

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Dimensions

框號	出力OUTPUT(HP)		ψAC	AD	ψKK	AE	HB	L	LA	M	N	P	S	T	軸端 SHAFT END							
	FRAME NO.	2P													4P	E	ED	ψD	F	GA	G	DH
80M	1	1	180	146	22	118	—	296	12	165	130	200	12	3.5	40	30	19	6	21.5	15.5	M6*12L	
90L	2, 3	2	207	164		127		327	10						50	40	24	8	27	20	M8*20L	
100L	—	3	223	183	28	155	146	378	15	215	180	250	14.5	4	60	50	28	8	31	24	M10*25L	
112M	5	5	243	183		155	152	382	11						80	65	38	10	41	33	M12*25L	
132S	7.5, 10	7.5	286	225	35	179	184	450	12	265	230	300	18.5	5	110	90	42	12	45	37	M16*36L	
132M	—	10						488									647	48	14	51.5	42.5	M16*36L
160M	15, 20	15	327	275	52	230	213	603	19	300	250	350	18.5	5	110	90	55	16	59	49	M20*42L	
160L	25	20						647									55	16	59	49	M20*42L	
180M	30	25,30	390	345	63	285	260	676.5	15	350	300	400	18.5	5	110	90	48	14	51.5	42.5	M16*36L	
180L	40	40						714.5									55	16	59	49	M20*42L	
200L	50,60	—	442	365	63	301	288	772.5	19	400	350	450	18.5	5	110	90	55	16	59	49	M20*42L	
	—	50,60						802.5									140	110	60	18		64
225S	75	—	487	457	91	345	312	828.5	22	500	450	550	18.5	5	110	90	55	16	59	49	M20*42L	
	—	75						858.5									140	110	65	18		69