

# 立式齒輪馬達 外型尺寸圖表 SPECIFICATIONS AND DIMENSIONS, V-CASING TYPE

立式標準型馬達的接線盒位置在270°  
Terminal box position: At 270° for V-casing type.

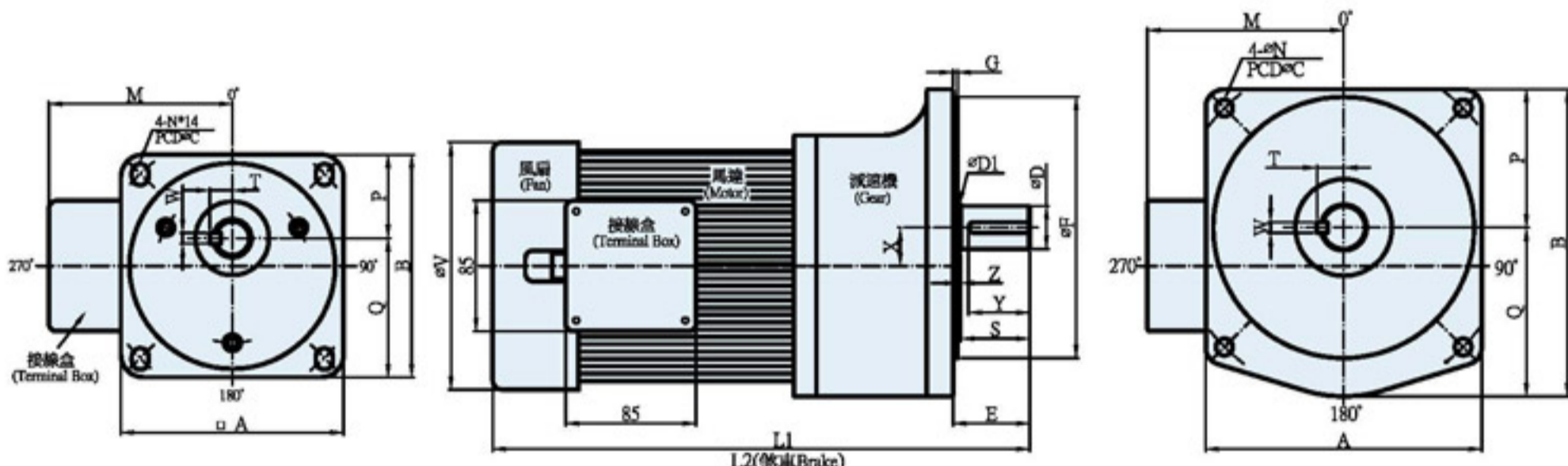


Figure II

Figure I

立式尺寸表 DIMENSION (mm)

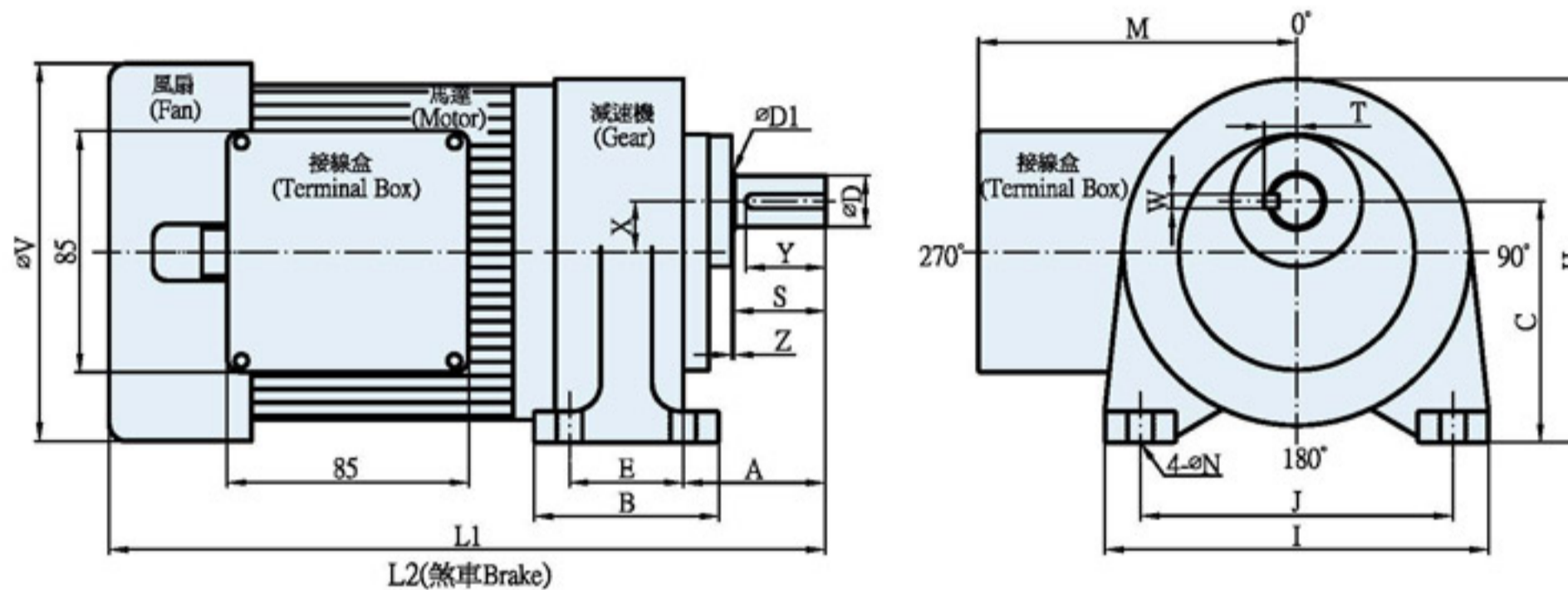
馬達容量 MOTOR'S CAPACITY	圖示 FIGURE NO.	型號 TYPE NO.	減速比 GEAR RATIO	A	B	C	E	F	G	L1	L2	M	N	P	Q	V	X	出力軸 OUTPUT SHAFT							
																		D	D1	S	T	W	Y	Z	
100W 1/8HP x4P	II	11	1/3~1/90	122	122	140	42.5	-	-	251	296	112	9x12	43	79	133	18	18	20	32	11.5	5	28	4	
	II	E11	1/3~1/90	145	145	170	42.5	-	-	251	296	112	11x14	54.5	90.5	133	18	22	25	35	14.5	7	28	2.5	
	I	12	1/75~1/165	155	167	185	50.5	140	3	273	318	112	11	77.5	89.5	133	18	22	25	40	14.5	7	35	7.5	
200W 1/4HP x4P	II	E12	1/75~1/165	145	145	170	50.5	-	-	273	318	112	11x14	54.5	90.5	133	18	22	25	40	14.5	7	35	7.5	
	II	11	1/3~1/40	122	122	140	42.5	-	-	276	321	112	9x12	43	79	133	18	20	32	11.5	5	28	4		
	II	E11	1/50~1/90	145	145	170	42.5	-	-	276	321	112	11x14	54.5	90.5	133	18	22	25	35	14.5	7	28	2.5	
	I	12	1/20~1/90	155	167	185	50.5	140	3	298	343	112	11	77.5	89.5	133	18	22	25	40	14.5	7	35	7.5	
400W 1/2HP x4P	II	E12	1/100~1/185	145	145	170	50.5	-	-	298	343	112	11x14	54.5	90.5	133	18	22	25	40	14.5	7	35	7.5	
	I	13	1/100~1/180	180	200	220	50	170	3	322	367	112	11	90	110	133	25	28	30	45	17.5	7	40	2	
	I	12	1/3~1/40	155	167	185	50.5	140	3	325.5	360	119.5	11	77.5	89.5	147	18	22	25	40	14.5	7	35	7.5	
	II	E12	1/50~1/90	145	145	170	50.5	-	-	325.5	360	119.5	11x14	54.5	90.5	147	18	22	25	40	14.5	7	35	7.5	
750W 1HP x4P	I	13	1/50~1/90	180	200	220	50	170	3	350	384.5	119.5	11	90	110	147	25	28	30	45	17.5	7	40	2	
	I	13	1/100~1/180	180	200	220	50	170	3	350	384.5	119.5	11	90	110	147	25	28	30	45	17.5	7	40	2	
	I	14	1/100~1/180	209	230	255	66	185	4	376	410.5	119.5	13	104	126	147	26	32	35	55	20	10	50	7	
	I	13	1/3~1/30	180	200	220	50	170	3	350	393.5	128	11	90	110	161	25	28	30	45	17.5	7	40	2	
1500W 2HP x4P	I	13	1/40~1/90	180	200	220	50	170	3	350	393.5	128	11	90	110	161	25	28	30	45	17.5	7	40	2	
	I	14	1/30~1/90	209	230	255	66	185	4	376	419.5	128	13	104	126	161	26	32	35	55	20	10	50	7	
	I	14	1/100~1/180	209	230	255	66	185	4	376	419.5	128	13	104	126	161	26	32	35	55	20	10	50	7	
	I	15	1/100~1/180	251	267.5	310	71	230	5	408	451.5	128	15	124.5	143	161	28	40	40	71	24	10	60	-	
2200W 3HP x4P	I	14	1/3~1/60	209	230	255	66	185	4	418	454.5	138.5	13	104	126	192	26	32	35	55	20	10	50	7	
	I	15	1/50~1/90	251	267.5	310	71	230	5	450	486.5	138.5	15	124.5	143	192	28	40	40	71	24	10	60	-	

※ 以上數字若有變更，恕不另行通知。 Factory retains modification. 減速比 (■) 表輕負載機型。 For light loading type.

- 在正常使用狀態下，產品保固期限一年。
- Under normal usage, products come with a one-year limited warranty.
- 本公司有權針對以上數據規格進行設計變更不另行通知。
- Specifications subject to change without notice.

# 臥式齒輪馬達 外型尺寸圖表 SPECIFICATIONS AND DIMENSIONS, FOOT-MOUNT TYPE

臥式標準型馬達的接線盒位置在270°  
Terminal box position: At 270° for foot - mount type.



尺寸表 DIMENSION (mm)

馬達容量 MOTOR'S CAPACITY	型號 TYPE NO.	減速比 GEAR RATIO	A	B	C	E	H	I	J	L1	L2	M	N	V	X	出力軸 OUTPUT SHAFT							
																D	D1	S	T	W	Y	Z	
100W 1/8HP x4P	11	1/3~1/90	50	65	85	40	128	135	110	252	297	112	9	133	18	18	20	32	11.5	5	28	1	
	11	1/3~1/90	50	65	85	40	128	135	110	252	297	112	9	133	18	18	20	32	11.5	5	28	1	
200W 1/4HP x4P	12	1/75~1/165	60	90	94	65	147.5	158	130	270	315	112	11	133	18	22	25	40	14.5	7	35	8.5	
	11	1/3~1/40	50	65	85	40	128	135	110	277	322	112	9	133	18	18	20	32	11.5	5	28	1	
	11	1/50~1/90	50	65	85	40	128	135	110	277	322	112	9	133	18	18	20	32	11.5	5	28	1	
	12	1/20~1/90	60	90	94	65	147.5	158	130	295	340	112	11	133	18	22	25	40	14.5	7	35	8.5	
400W 1/2HP x4P	12	1/100~1/165	60	90	94	65	147.5	158	130	295	340	112	11	133	18	22	25	40	14.5	7	35	8.5	
	13	1/100~1/180	68	120	115	90	175	180	140	322	367	112	11	133	25	28	30	45	17.5	7	40	2	
	12	1/3~1/40	60	90	94	65	147.5	158	130	321	355.5	119.5	11	147	18	22	25	40	14.5	7	35	8.5	
	12	1/50~1/90	60	90	94	65	147.5	158	130	321	355.5	119.5	11	147	18	22	25	40	14.5	7	35	8.5	
750W 1HP x4P	13	1/50~1/90	68	120	115	90	175	180	140	350	384.5	119.5	11	147	25	28	30	45	17.5	7	40	2	
	13	1/100~1/180	68	120	115	90	175	180	140	350	384.5	119.5	11	147	25	28	30	45	17.5	7	40	2	
	14	1/100~1/180	74	165	130	130	204	210	170	376	410.5	119.5	13	147	26	32	35	55	20	10	50	7	
	13	1/3~1/30	68	120	115	90	175	180	140	350	393.5	128	11	161	25	28	30	45	17.5	7	40	2	
1500W 2HP x4P	13	1/75~1/90	68	120	115	90	175	180	140	350	393.5	128	11	161	25	28	30	45	17.5	7	40	2	
	14	1/30~1/90	74	165	130	130	204	210	170	376	419.5	128	13	161	26	32	35	55	20	10	50	7	
	14	1/100~1/180	74	165	130	130	204	210	170	376	419.5	128	13	161	26	32	35	55	20	10	50	7	
	15	1/100~1/190	95	195	150	150	237	255	210	412	455.5	128	15	161	28	40	-	69	24	10	60	-	
2200W 3HP x4P	14	1/3~1/60	74	165	130	130	204	210	170	418	454.5	138.5	13	192	26	32	35	55	20	10	50	7	
	15	1/50~1/90	95	195	150	150	237	255	210	454	490.5	138.5	15	192	28	40	-	69	24	10	60	-	
2200W 3HP x4P	14	1/3~1/40	74	165	130	130	204	210	170	448	484.5	138.5	13	192	26	32	35	55	20	10	50	7	
	15	1/3~1/40	95	195	150	150	237	255	210	484	520.5	138.5	15	192	28	40	-	69	24	10	60	-	
	15	1/50~1/90	95	195	150	150	237	255	210	484	520.5	138.5	15	192	28	40	-	69	24	10	60	-	

※ 減速比 (■) 表輕負載機型。 For light loading type.

- 在正常使用狀態下，產品保固期限一年。
- Under normal usage, products come with a one-year limited warranty.
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# G12T

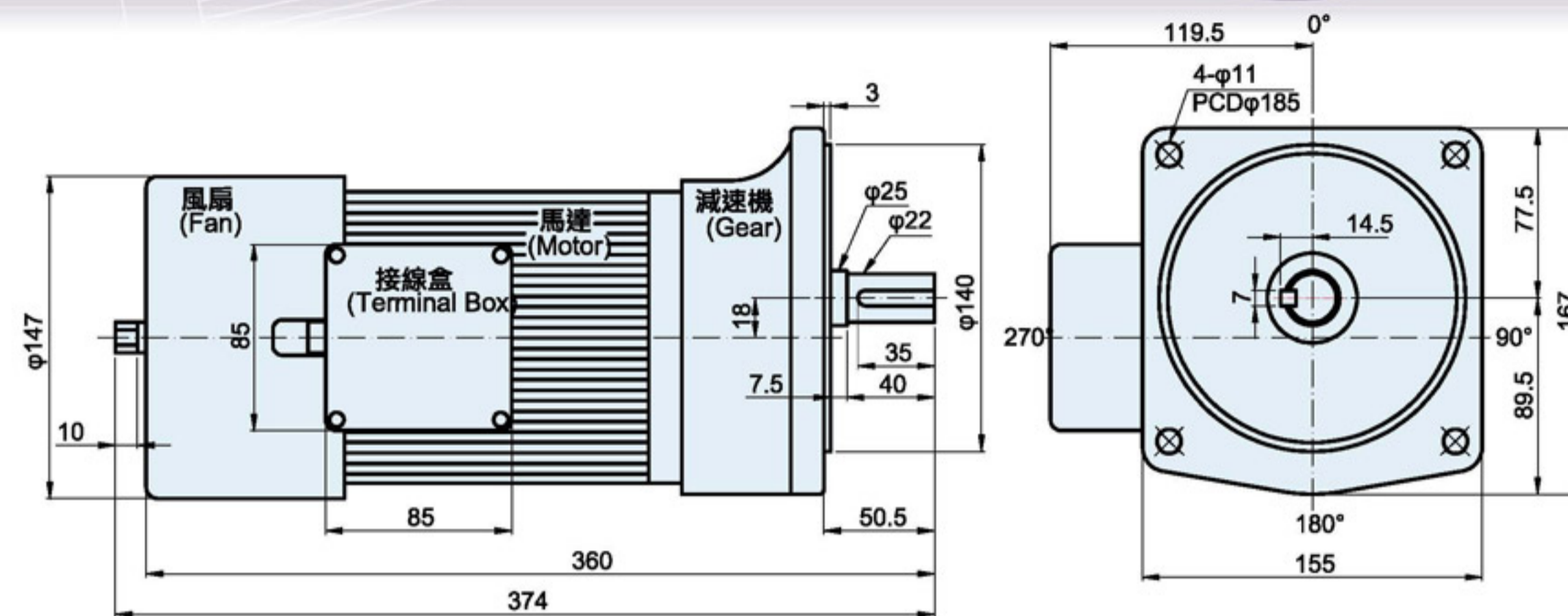
## 立式刀臂用齒輪馬達

### V-CASING TYPE PRECISION GEAR MOTOR FOR ATC

立式標準型馬達的接線盒位置在270°  
Terminal box position: At 270° for foot - mount type.



G12V560S-MH10T用於刀庫圖示  
G12V560S-MH10T on ATC.



#### ◎ 刀臂用齒輪馬達特性 FEATURES

機種名 MODEL	功率 OUTPUT (W)	電壓 VOLTAGE (V)	電流 CURRENT (A)	轉速 SPEED (RPM)	減速比 GEAR RATIO	輸出轉矩 OUTPUT TORQUE (N-m)	輸出轉速 OUTPUT SPEED (RPM)	煞車電壓 BRAKE VOLTAGE (V)	停止時間 STOP TIME (ms)	過轉角度 OVER RUN DEGREE
G12T400S M10	400	3 相220(50Hz)	2.84	1350	10.1	28.9	135	90~99	<90ms	<70°
		3 相380(50Hz)	1.58	1350		28.7	135			
		3 相220(60Hz)	2.89	1600		24.6	160		<75ms	
		3 相380(60Hz)	1.64	1600		24.1	165			
G12T560S M10	560	3 相220(50Hz)	3.54	1300	10.1	41.8	130	90~99	<90ms	<70°
		3 相380(50Hz)	2.04	1300		41.7	130			
		3 相220(60Hz)	3.43	1550		34.5	155		<80ms	
		3 相380(60Hz)	1.95	1550		35.1	155			

**Note:**

1.停止時間:減速馬達空載狀態下,煞車器電壓釋放後至減速馬達完全停止,完全停止所需的時間依負荷大小會有長短。

**Note:** 1.Stop Time: As voltage brake release its voltage, the motor will gradually slow down to complete stop.

The time frame required the motor to completely stop will depend on motor's loading.

2.過轉角度:減速馬達空載狀態下,煞車器電壓釋放後至減速馬達完全停止,其間輸出軸所運轉的角度依負荷大小會有長短。

**Note:** 2.Over run degree: As voltage brake release its voltage, the motor will gradually slow down to complete stop.

The operation of the output shaft angle might be off from its original setting, as it is depend on motor's loading.