

# 25W

□ 80 × 80mm

## 各型號電機性能 MOTOR PERFORMANCE

型號 MODEL	最大輸出 功率(W) MAXIMUM OUTPUT POWER	電壓V VOLTAGE	頻率Hz FREQUENCY	電流A CURRENT	調速範圍 r/min SPEED RANGE	起動轉矩 N·mm START TORQUE	額定轉矩(N·mm) RATED TORQUE		運行電容 RUNNING CAPACITOR
							1200r/min	90r/min	
齒輪軸 GEAR SHAFT 80YS25GV11 80YR25GV11 80YT25GV11 80YB25GV11	25	Single phase 單相 110	50Hz	0.53	90-1300	145	170	45	6 μ f/250V
圓軸 ROUND SHAFT 80YS25DV11 80YR25DV11 80YT25DV11 80YB25DV11			60Hz	0.48	90-1600	120	170	45	
齒輪軸 GEAR SHAFT 80YS25GV22 80YR25GV22 80YT25GV22 80YB25GV22	25	Single phase 單相 220	50Hz	0.25	90-1300	145	205	50	2 μ f/450V
圓軸 ROUND SHAFT 80YS25DV22 80YR25DV22 80YT25DV22 80YB25DV22			60Hz	0.23	90-1600	120	205	50	
齒輪軸 GEAR SHAFT 80YS25GY22 80YT25GY22 80YB25GY22	25	Three phase 三相 220	50Hz	0.25	90-1300	250	195		
圓軸 ROUND SHAFT 80YS25DY22 80YT25DY22 80YB25DY22			60Hz	0.23	90-1600	205	160		
齒輪軸 GEAR SHAFT 80YS25GY38 80YT25GY38 80YB25GY38	25	Three phase 三相 380	50Hz	0.14	90-1300	250	195		
圓軸 ROUND SHAFT 80YS25DY38 80YT25DY38 80YB25DY38			60Hz	0.13	90-1600	205	160		

- 雖然調速電機的調速範圍為：50Hz·90~1300r/min；60Hz·90~1600r/min。但由於低速時(<400r/min)，電機轉矩下降較多，易發生過載，且電機直連風扇冷卻效果差，易發熱，因此必須預留足夠的功率餘量，並且不要經常工作在低速區。因此電機最佳調速範圍為：50Hz·400~1300r/min；60Hz·400~1600r/min。
- 在斷開電源的同時，電機會瞬間停止關保持負載。
- 電機的起動、制動特性與電機的負載慣性量成正比。
- Although the speed range of the motor is 50Hz, 90~1300r/min, 60Hz, 90~1600r/min, it easily causes overload and the cooling effect of the motor fan is poor if the speed is too low (<400r/min) and the motor torque decreases too much; therefore, please keep sufficient power margin and avoid operating in low speed section frequently. The optimal speed range of the motor is 50Hz, 400~1300r/min, 60Hz, 400~1600r/min.
- When the power is cut off, the motor will stop immediately and hold the load.
- The start and braking characteristics of the motor are proportional to the load inertia of the motor.

## 減速箱減速比性能對照表 REDUCTION RATIO PERFORMANCE CHART

減速比 REDUCTION RATIO		3	3.6	5	6	7.5	10	12.5	15	18	20	25	30
50Hz	最高轉速r/min Output bearing speed	433	361	260	217	173	130	104	87	72	65	52	43
	額定轉矩N·m Rated torque	0.50	0.60	0.83	0.99	1.24	1.65	1.95	2.34	2.81	3.12	3.90	4.68
60Hz	最高轉速r/min Output bearing speed	533	444	320	267	213	160	128	107	89	80	64	53
	額定轉矩N·m Rated torque	0.41	0.50	0.69	0.83	1.03	1.38	1.63	1.95	2.34	2.60	3.25	3.90
減速比 REDUCTION RATIO		36	40	50	60	75	90	100	120	150	180	200	
50Hz	最高轉速r/min Output bearing speed	36	33	26	22	17	14	13	11	9	7	7	
	額定轉矩N·m Rated torque	5.62	6.24	6.89	8	8	8	8	8	8	8	8	
60Hz	最高轉速r/min Output bearing speed	44	40	32	27	21	18	16	13	11	9	8	
	額定轉矩N·m Rated torque	4.68	5.20	5.74	6.88	8	8	8	8	8	8	8	

- 表中轉速是以電機的平均轉速(50Hz:1300r/min、60Hz:1600r/min)為基數除以減速比而算出的數值。
- 實際轉速將隨負載大小而少量變化，變化範圍為±8%左右。
- The speed in the table is the value of average motor speed (50Hz: 1300r/min, 60Hz: 1600r/min) divided by the reduction ratio.
- The actual speed changes according to the load (±8%).



標準減速箱  
STANDARD GEARBOX  
80GK □H



直角中空減速箱  
RIGHT ANGLE HOLLOW GEARBOX  
L80GK □RC



直角中實減速箱  
RIGHT ANGLE SOLID GEARBOX  
L80GK □RT

減速箱型號中的□為減速比的數值  
速比: 1:3~200

□ in gearbox model indicates the reduction ratio (1:3~200)