

# Specification

## Specification of Motor and Brake

Phase	Output (W/HP)	Pole	Voltage	Hz	Rating			Class	Kgfm	釋放時間		調整間隙		附安全剎車器		
					RPM	Current (AMP)	Torque (Kg-m)			AC Switch	DC Switch	Specified Value	Boundary Value	Brake Voltage	Input Voltage	Operation Times
Three Phase 3Ø	100W(1/8 HP)	4P	220/380	60/50	1680/1380	0.8/0.46	0.057/0.07	F	0.1	0.1	0.06	0.3	0.7	DC90V	AC 200-240V	10times /min
	200W(1/4 HP)		220/380	60/50	1680/1380	1.2/0.7	0.116/0.142	F	0.2	0.07	0.03	0.3	0.7			
	400W(1/2 HP)		220/380	60/50	1680/1400	2.1/1.2	0.231/0.277	F	0.4	0.10	0.03	0.3	0.7			
	750W(1 HP)		220/380	60/50	1680/1400	3.6/2.1	0.43/0.52	F	0.8	0.12	0.05	0.4	1.0			
	1500W(2 HP)		220/380	60/50	1680/1420	6.1/3.5	0.87/1.03	F	1.6	0.14	0.05	0.4	1.0			
	2200W(3 HP)		220/380	60/50	1680/1420	9.5/5.5	1.26/1.50	F	2.5	0.15	0.03	0.4	1.0			
Single Phase 1Ø	100W(1/8 HP)	4P	110/220	60/50	1680/1380	2/1	0.057/0.07	F	0.1	0.1	0.06	0.3	0.7	DC90V	AC 100-110V 200-240V	10times /min
	200W(1/4 HP)		110/220	60/50	1680/1380	4/2	0.116/0.142	F	0.2	0.07	0.03	0.3	0.7			
	400W(1/2 HP)		110/220	60/50	1680/1400	8/4	0.232/0.278	F	0.4	0.10	0.03	0.3	0.7			
	750W(1 HP)		110/220	60/50	1680/1400	12/6	0.43/0.52	F	0.8	0.12	0.15	0.4	1.0			

## Output Specification of Reducer

Ratio	Output RPM		100W (1/8 HP)			200W (1/4 HP)			400W (1/2 HP)			750W (1 HP)			1500W (2 HP)			2200W (3 HP)		
	50Hz	60Hz	Output shaft permissible torque			Output shaft permissible torque			Output shaft permissible torque			Output shaft permissible torque			Output shaft permissible torque			Output shaft permissible torque		
			50Hz	60Hz	O.H.L	50Hz	60Hz	O.H.L	50Hz	60Hz	O.H.L	50Hz	60Hz	O.H.L	50Hz	60Hz	O.H.L	50Hz	60Hz	O.H.L
3	500	600	0.2	0.17	30	0.38	0.31	30	0.71	0.6	54	1.29	1.11	62	2.60	2.21	135	3.8	3.19	155
5	300	360	0.32	0.27	60	0.61	0.5	60	1.15	1	90	2.25	1.85	130	4.81	3.5	180	6.55	5.48	220
10	150	180	0.62	0.51	90	1.2	1	90	2.5	2.1	120	4.6	3.9	180	8.8	7.1	250	13.2	10.7	320
12.5	120	144	0.77	0.66	100	1.54	1.24	100	3.1	2.5	130	5.7	4.9	190	11	8.9	290	16.5	13.3	340
15	100	120	0.93	0.77	100	1.85	1.5	100	3.7	2.9	140	6.9	5.8	220	13.2	10.7	290	19.8	16	360
20	75	90	1.2	1	120	2.47	1.99	120	4.94	4	150	9.3	7.7	240	17.6	14.2	330	26.5	21.4	410
25	60	72	1.5	1.3	130	3	2.49	130	6.17	4.9	170	11.6	9.6	250	22.1	17.8	390	33.1	26.7	480
30	50	60	1.8	1.4	140	3.6	2.98	180	7.4	5.87	260	13.85	11.55	410	26.4	21.3	520	39.65	32	710
40	37.5	45	2.4	2	150	4.94	3.99	190	9.88	7.98	290	17.9	14.9	430	35.3	28.5	600	53	42.8	740
50	30	36	3	2.5	160	6.17	4.98	200	12.3	9.97	320	22.4	18.7	470	44.2	35.7	720	66.3	53.3	880
60	25	30	3.6	3	220	7.4	5.98	220	14.8	11.9	350	26.9	22.4	560	53	42.8	720	79.5	64.2	1000
70	22	26	4.3	3.6	220	7.9	6.9	220	16.5	13.6	350	31.7	26.5	560	62.6	52.1	720	92.6	77.3	1000
75	20	24	4.6	3.7	220	9.2	7.5	220	18.5	14.9	350	35.1	28.3	560	66.3	53.5	720	99.4	80.3	1000
80	18.7	22.5	4.9	4.1	220	9.4	7.9	220	18.4	15.5	350	35.4	29.8	560	70.9	59.5	720	105.1	87.7	1000
90	16.6	20	5.4	4.4	250	11	8.9	250	22.1	17.8	350	42	33.95	600	79.4	64.1	720			
100	15	18	6	5	250	12.3	9.9	250	24.7	19.9	350	46.8	37.8	600	88.4	71.4	720			
120	12.5	15	7.2	6	250	14.8	11.9	340	29.6	23.9	600	58.4	47.3	720	106	85.6	1000			
150	10	12	9.1	7.4	250	18.4	14.8	350	36.9	29.8	600	70.1	56.6	720	132.5	107	1000			
180	8.3	10	11	9	250	22.2	17.9	350	44.4	35.9	600	84.2	68	720	132.6	107.1	1000			
200	7.5	9	11.9	10	250	24.7	19.9	350	49.4	39.9	600	93.6	75.6	720						

※ Above data is for reference only. Any changes will not be noticed.