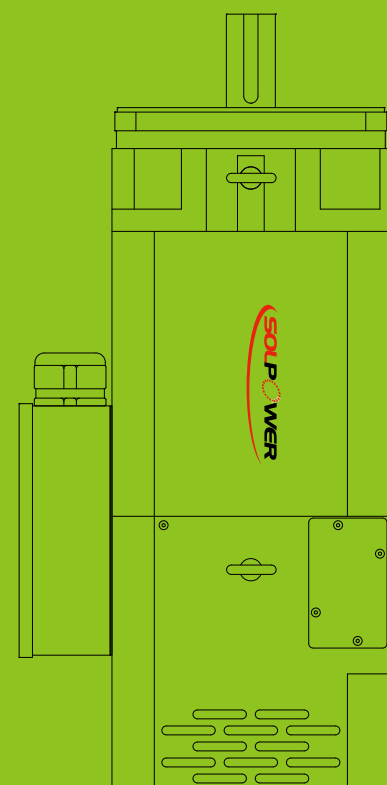


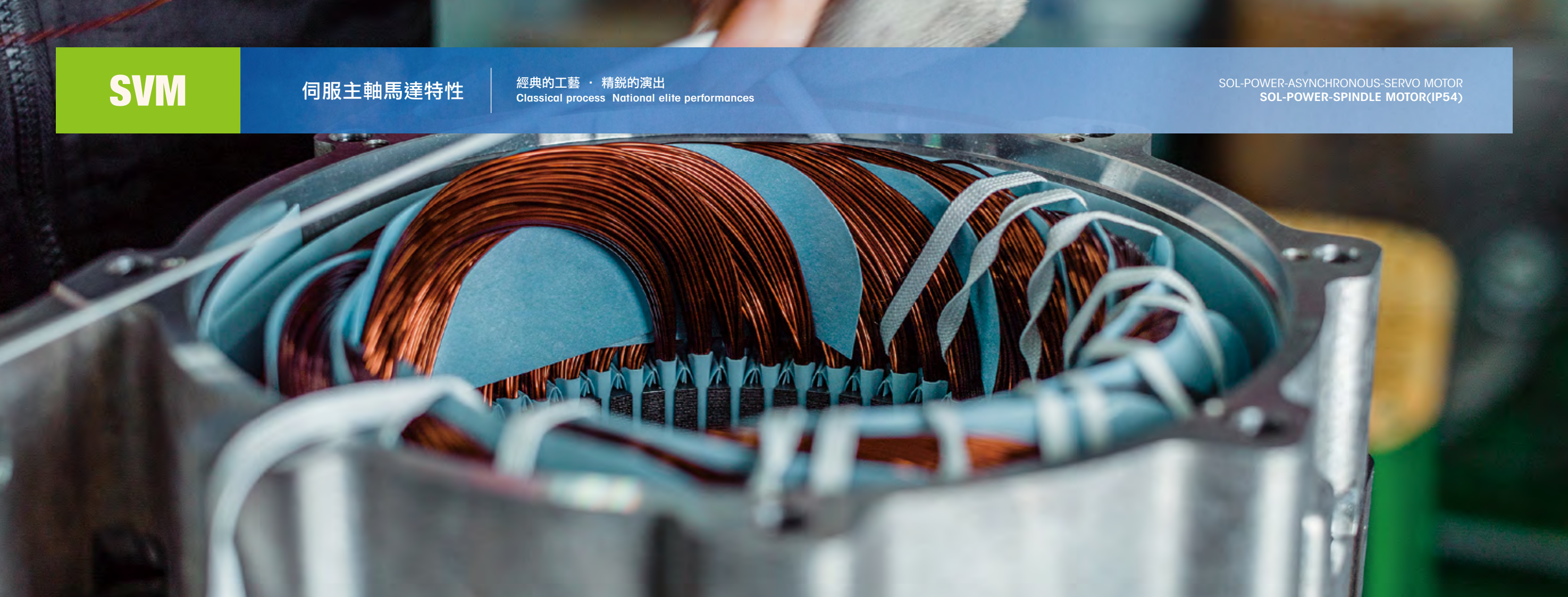


CHENG CHANG MACHINERY

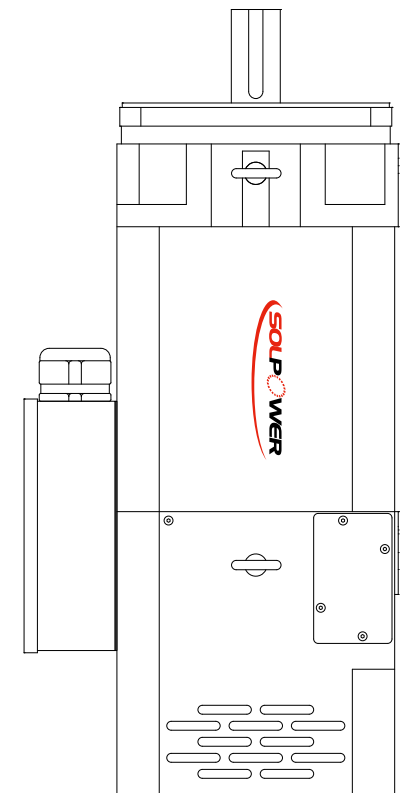
SOL-POWER-ASYNCHRONOUS-SERVO MOTOR
SOL-POWER-SPINDLE MOTOR(IP54)

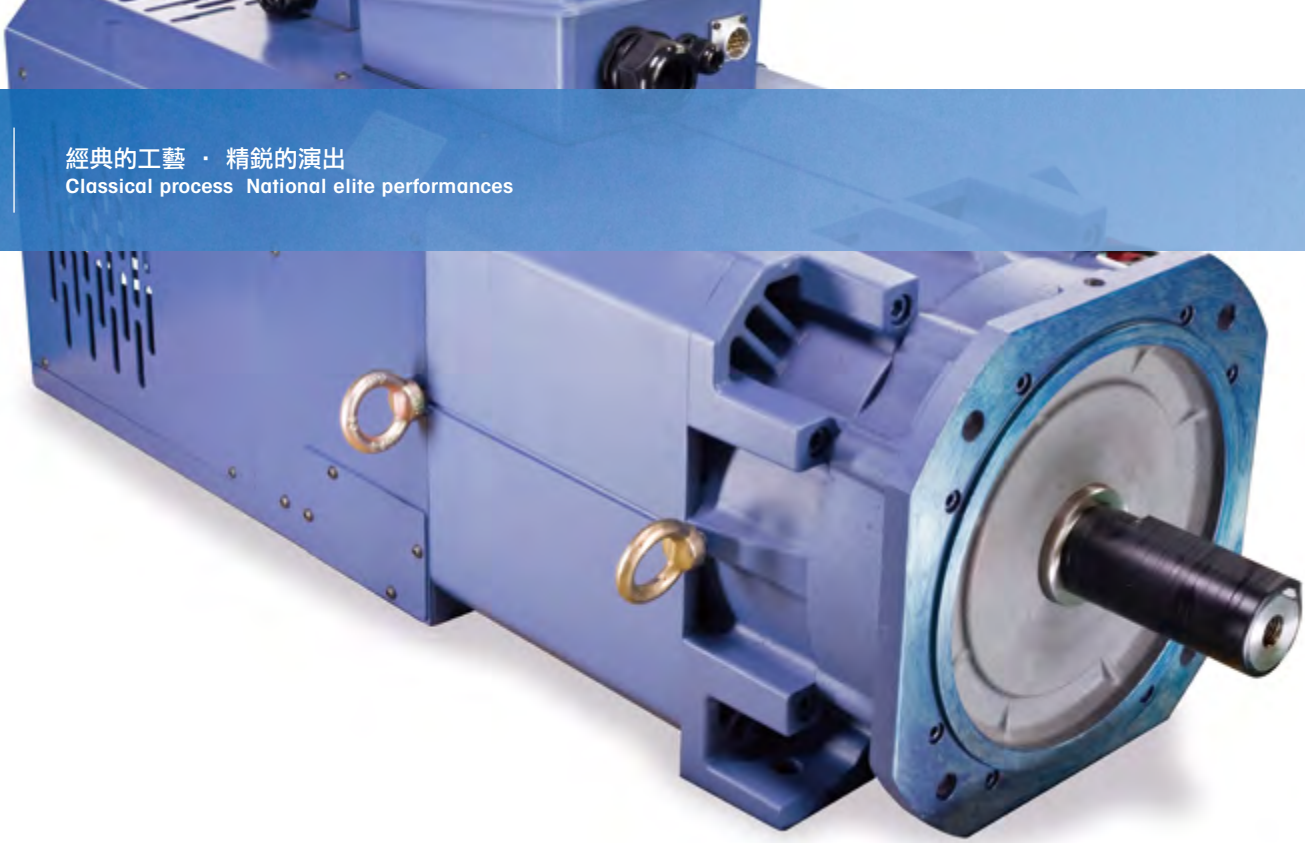
SVM





- A. 基底頻率以上，高速運轉維持定馬力輸出，有廣域的定功率輸出特性
- B. 基底頻率以下，低速運轉時保持相當平穩線性的磁場，以維持定轉矩輸出
- C. 特殊繞線設計及絕緣等級，使驅動器做載波伺服控制時不會破壞線圈絕緣
- D. 使用高階矽鋼片，馬達在使用範圍內，維持著線性控制的優良伺服特性
- E. 特殊磁路設計與磁場分析，馬達在使用範圍內不會產生磁場飽和現象大大提高馬達的伺服特性及降低因突波電流對馬達及驅動器的損害
- F. 以先進精密技術為設計規範，伺服馬達有相當高的功率體積比
- G. 良好的轉動慣量設計，使馬達在鋼性攻牙時，能有高度的響應特性
- H. 精密定轉子槽形設計，馬達在定位控制時，快速平滑，不會因突波磁場而產生跳動情形，以上是變頻馬達所沒有的特性





Asynchronous	
SVM-75 SERIES	1~2
Spindle motor with 4 poles	
Rated power output 1.5~3.7kw	

Asynchronous	
SVM-80SS SERIES	3~4
Spindle motors with 4 poles	
Rated power output 0.75~2.2kw	

Asynchronous	
SVM-80,90 SERIES	5~6
Spindle motors with 4 poles	
Rated power output 0.75~3.7kw	

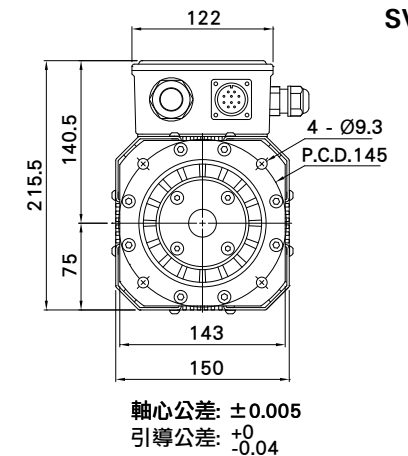
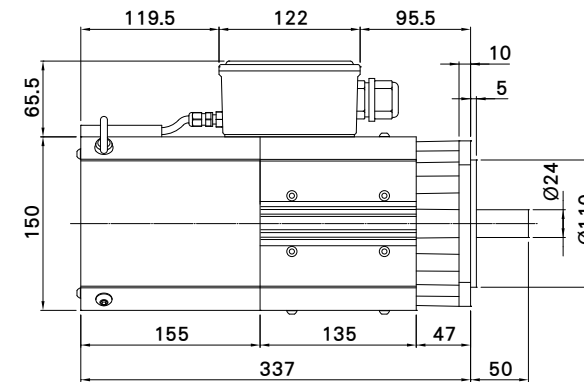
Asynchronous	
SVM-100 SERIES	7~8
Spindle motors with 4 poles	
Rated power output 5.5~11kw	

Asynchronous	
SVM-132 SERIES	9~10
Spindle motors with 4 poles	
Rated power output 15~30kw	

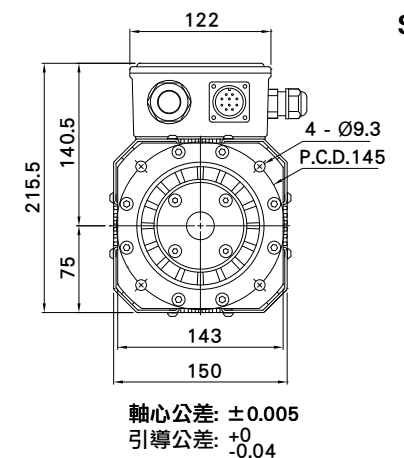
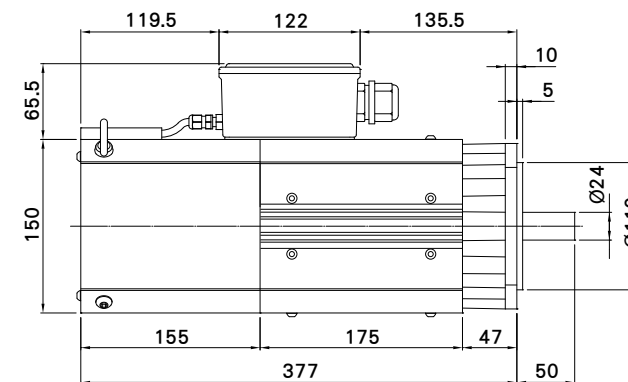
Asynchronous	
SVM-160 SERIES	11~12
Spindle motors with 4 poles	
Rated power output 37.5~50kw	

Asynchronous	
SVM-180 SERIES	13~14
Spindle motors with 4 poles	
Rated power output 55~90kw	

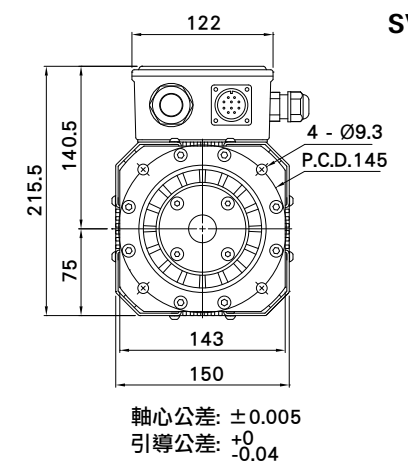
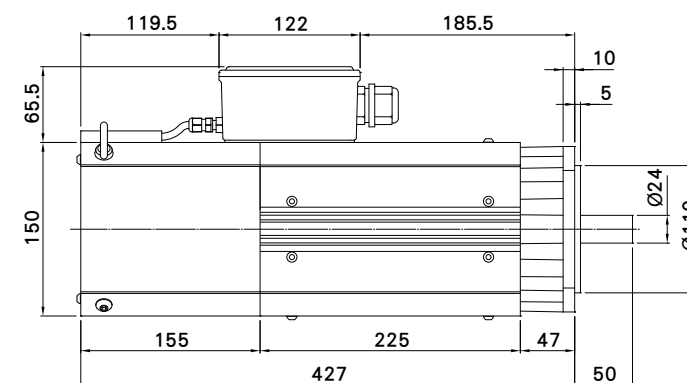
Asynchronous	
SVM-225 SERIES	15~16
Spindle motors with 4 poles	
Rated power output 100~160kw	



SVM-75S



SVM-75M



SVM-75L

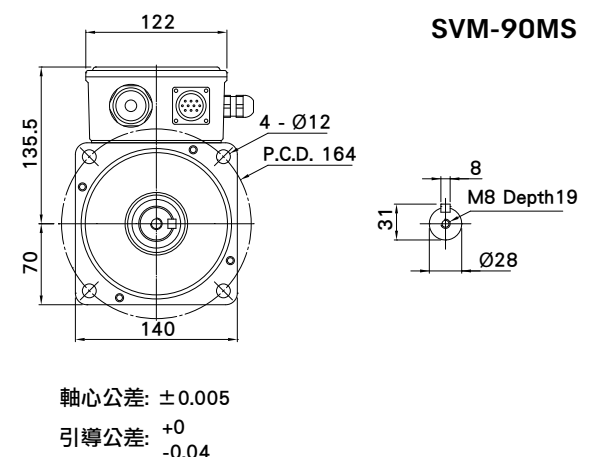
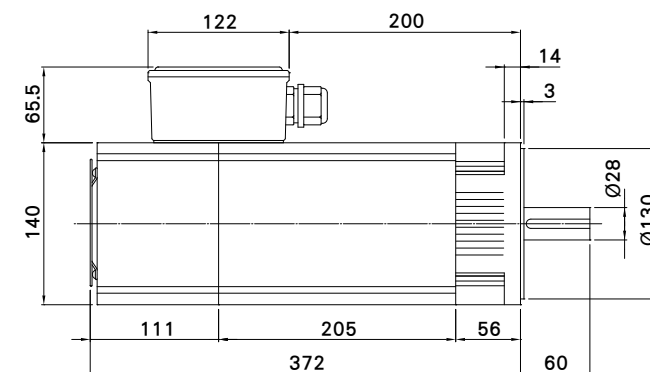
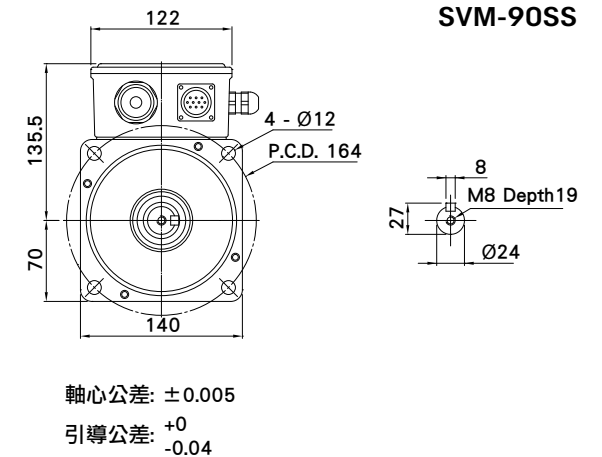
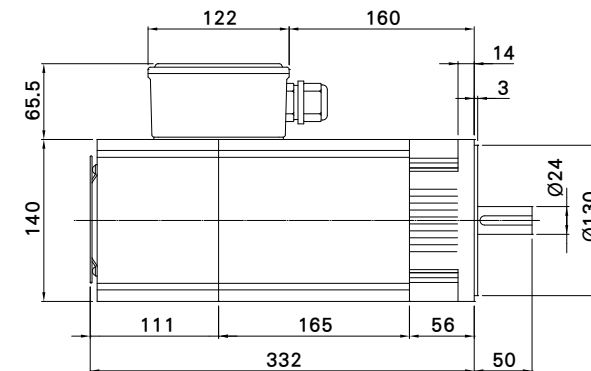
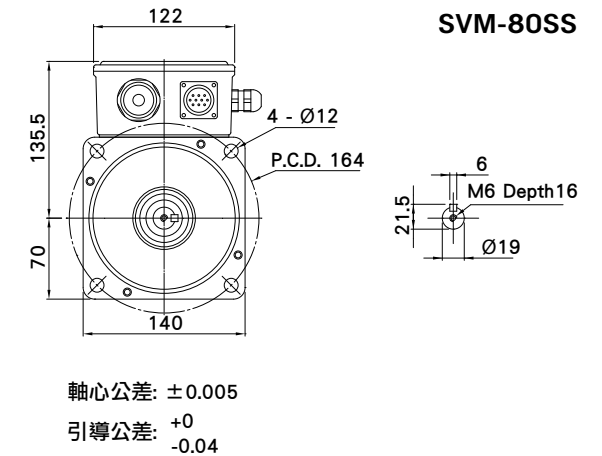
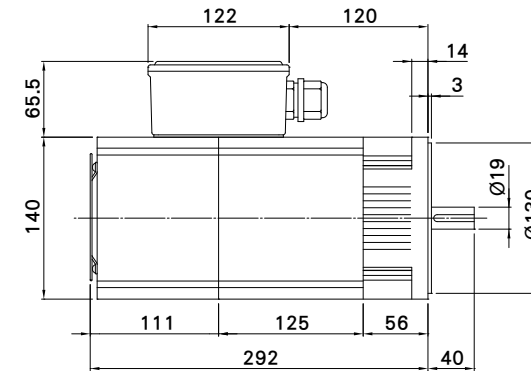
Motor	SVM-75S	SVM-75M	SVM-75L
Rated voltage U_N	160 / 280	160 / 280	160 / 280
Rated power output P_N	1.5kw	2.2kw	3.7kw
Rated speed N_N	3000rpm		
Rated torque M_N	4.7Nm	6.94Nm	11.6Nm
Rated current I_N	8.4 / 4.8	12.4 / 7.1	20.8 / 12
Efficiency	0.83		
Max speed N_{max} Standard bearing	24000rpm		
Max current I_{max}	24.6 / 14.2A	41.6 / 24A	61.8 / 35.6A
Weight	17kg	20kg	25kg
Rated inertia J	20kgcm ²	30kgcm ²	42.5kgcm ²
Protection	IP54		
Fan Rated voltage U_L Frequency f_L	1Ø220V 50HZ/60HZ		

Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	M_{rated}	S1	S6~60%		I_{rated} (160/280v)				J	W
TYPE	rpm	rpm	rpm	Nm	A	A	KW	KW	kgm ²	kg
SVM-75S-30	3000	18000	18000	4.7	8.4/4.8	12.3/7.1	1.5	2.2	0.002	17
SVM-75M-30	3000	18000	18000	6.94	12.4/7.1	20.8/12	2.2	3.7	0.003	20
SVM-75L-30	3000	18000	18000	11.6	20.8/12	30.9/17.8	3.7	5.5	0.0042	25



Motor	SVM-80SS	SVM-90SS	SVM-90MS
Rated voltage U _N	220 / 380	220 / 380	220 / 380
Rated power output P _N	0.75kw	1.5kw	2.2kw
Rated speed N _N	1500rpm		
Rated torque M _N	4.7Nm	9.4Nm	13.8Nm
Rated current I _N	3.3/1.9	6.6/3.8	9.7/5.6
Efficiency	0.85		
Max speed N _{max} Standard bearing	8000rpm		
Max current I _{max}	6/3.46A	11/6.35A	15.33/8.8A
Weight	13.56kg	17.30kg	20.50kg
Rated inertia J	26.62kgcm ²	32.94kgcm ²	45.27kgcm ²
Protection	IP54		
Fan Rated voltage U _L Frequency f _L	1Ø220V 50HZ/60HZ		

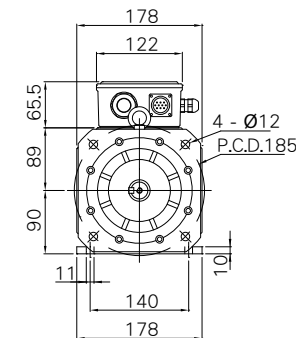
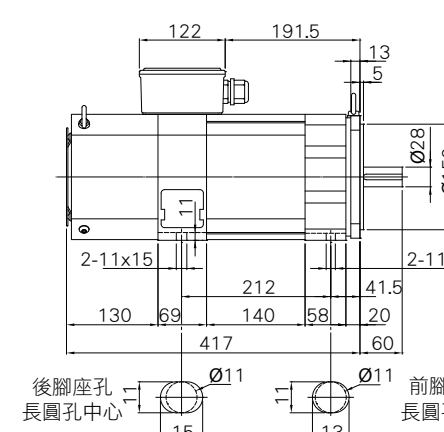
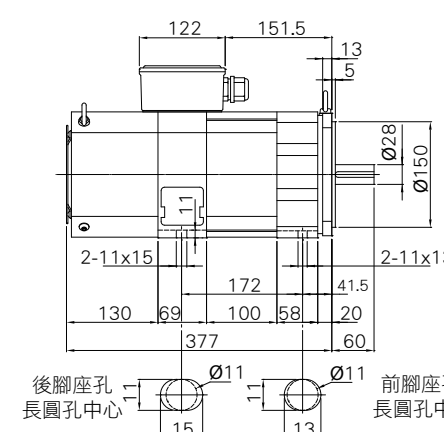
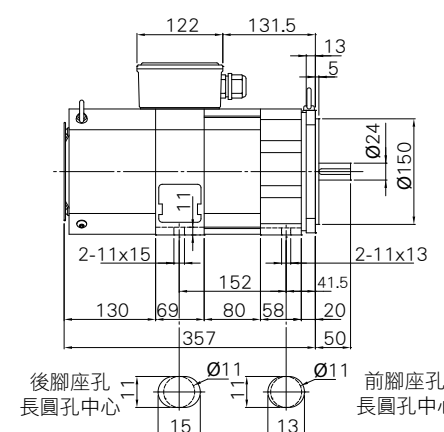
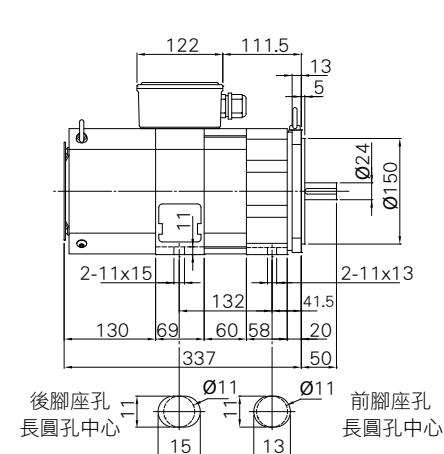
Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	M _{rated}	M2			I _{rated} (220/380v)				J	W
		S1	S6~60%		S1	S6~60%	S1	S6~60%		
TYPE	rpm	rpm	rpm	Nm	A	A	KW	KW	kgm ²	kg
SVM-80SS-10	1000	4000	3500	3.8	1.76/1.02	2.43/1.4	0.4	0.55	0.0026	13.56
SVM-80SS-15	1500	6000	5000	4.7	3.31/1.92	4.28/2.48	0.75	0.97	0.0026	13.56
SVM-80SS-20	2000	7600	6600	7.1	6.62/3.83	8.6/4.98	1.5	1.95	0.0026	13.56
SVM-90SS-10	1000	4000	3500	7.1	3.31/1.92	4.28/2.48	0.75	0.97	0.0032	17.30
SVM-90SS-15	1500	6000	5000	9.4	6.62/3.83	8.6/4.98	1.5	1.95	0.0032	17.30
SVM-90SS-20	2000	7600	6600	10.4	9.7/5.62	12.61/7.3	2.2	2.86	0.0032	17.30
SVM-90MS-10	1000	4000	3500	14.2	6.62/3.83	8.6/4.98	1.5	1.95	0.0045	20.50
SVM-90MS-15	1500	6000	5000	13.8	9.7/5.62	12.61/7.3	2.2	2.86	0.0045	20.50
SVM-90MS-20	2000	7600	6600	17.5	16.32/9.45	21.17/12.26	3.7	4.8	0.0045	20.50



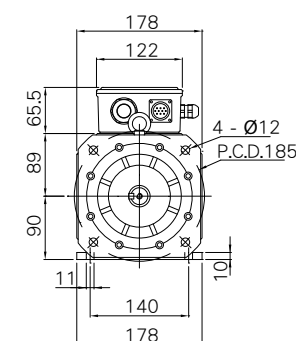


Motor	SVM-80S	SVM-90S	SVM-90M	SVM-90L
Rated voltage U _N	220 / 380	220 / 380	220 / 380	220 / 380
Rated power output P _N	0.75kw	1.5kw	2.2kw	3.7kw
Rated speed N _N	1500rpm			
Rated torque M _N	Nm4.13	Nm9.4	Nm13.88	Nm23.66
Rated current I _N	3.28/1.89	6.5/3.7	9.6/5.5	16.1/9.2
Efficiency	0.85			
Max speed N _{max} Standard bearing	8000rpm			
Max current I _{max}	6/3.46A	11/6.35A	15.33/8.8A	25/14.4A
Weight	23kg	26kg	30kg	38kg
Rated inertia J	60.46kgcm ²	79.87kgcm ²	98.82kgcm ²	135.82kgcm ²
Protection	IP54			
Fan Rated voltage U _L Frequency f _L	1Ø220V 50HZ/60HZ			

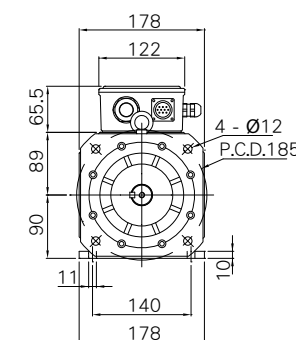
Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	Mrated	M2			Irated (220/380v)					
		S1	S6~60%		S1	S6~60%	S1	S6~60%	J	W
TYPE	rpm	rpm	rpm	Nm	A	A	KW	KW	kgm²	kg
SVM-80S-10	1000	4000	3500	3.8	1.76/1.02	2.43/1.4	0.4	0.55	0.0060	23
SVM-80S-15	1500	6000	5000	4.7	3.28/1.89	4.24/2.44	0.75	0.97	0.0060	23
SVM-80S-20	2000	7600	6600	7.1	6.5/3.7	8.5/4.9	1.5	1.95	0.0060	23
SVM-90S-10	1000	4000	3500	7.1	3.2/1.8	4.2/2.4	0.75	0.97	0.0079	26
SVM-90S-15	1500	6000	5000	9.4	6.5/3.7	8.5/4.9	1.5	1.95	0.0079	26
SVM-90S-20	2000	7600	6600	10.4	9.6/5.5	12.5/7.2	2.2	2.86	0.0079	26
SVM-90M-10	1000	4000	3500	14.2	6.5/3.7	8.5/4.9	1.5	1.95	0.0098	30
SVM-90M-15	1500	6000	5000	13.8	9.6/5.5	12.5/7.2	2.2	2.86	0.0098	30
SVM-90M-20	2000	7600	6600	17.5	16.1/9.2	20.9/12	3.7	4.8	0.0098	30
SVM-90L-10	1000	4000	3500	20.8	9.6/5.5	12.5/7.2	2.2	2.86	0.0135	38
SVM-90L-15	1500	6000	5000	23.3	16.1/9.2	20.9/12	3.7	4.8	0.0135	38
SVM-90L-20	2000	7600	5500	26.03	20.3/11.72	31.2/18	5.5	7.15	0.0135	38



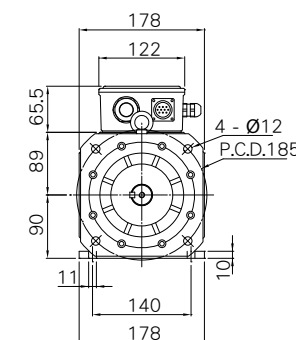
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引導公差: $\begin{matrix} +0 \\ -0.04 \end{matrix}$



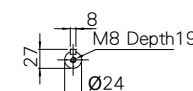
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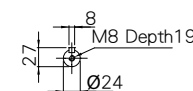
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引導公差: $\begin{matrix} +0 \\ -0.04 \end{matrix}$



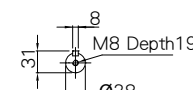
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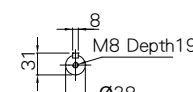
SVM-80S



SVM-90S



SVM-90M

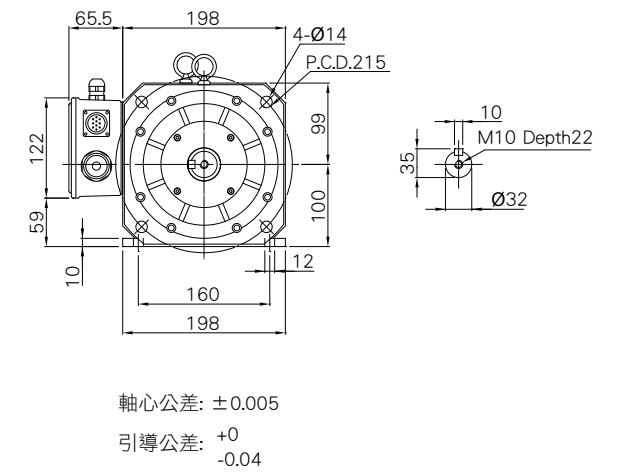
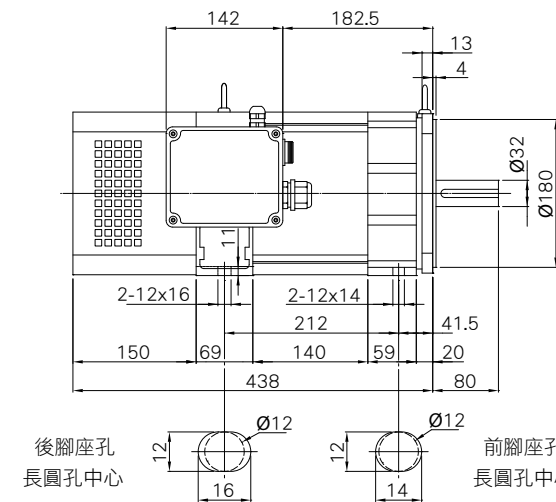


SVM-90L

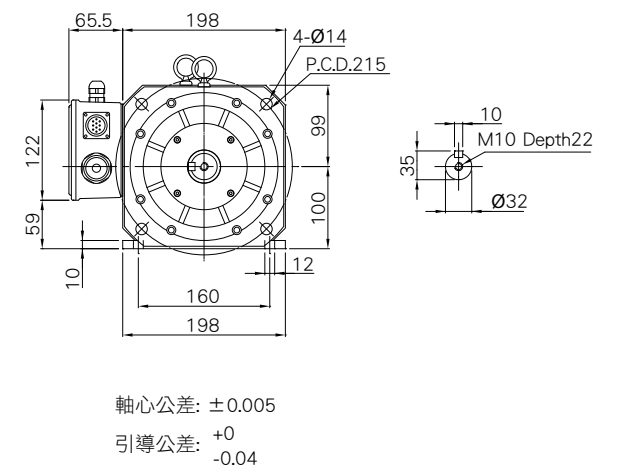
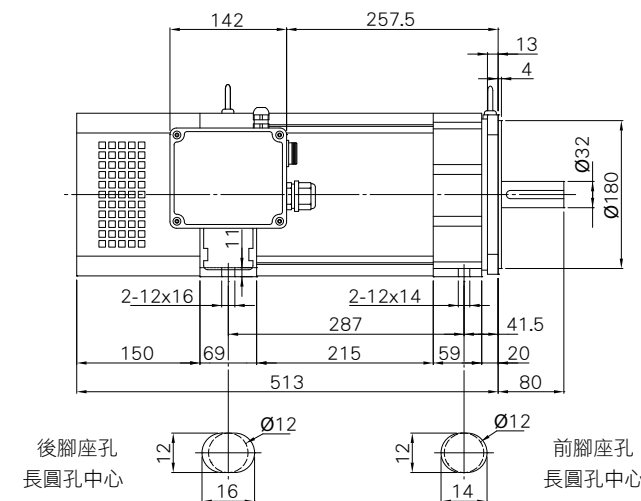


Motor	SVM-100S	SVM-100M	SVM-100L
Rated voltage U_N	220 / 380	220 / 380	220 / 380
Rated power output P_N	5.5kw	7.5kw	11kw
Rated speed N_N	1500rpm		
Rated torque M_N	35.0Nm	47.8Nm	69.4Nm
Rated current I_N	20.3/11.72	27.7/15.9	40.6/23.4
Efficiency	0.85		
Max speed N_{max} Standard bearing	8000rpm		
Max current I_{max}	33/19.0A	36/20.78A	44/25.4A
Weight	51kg	68kg	83kg
Rated inertia J	245kgcm ²	353kgcm ²	405kgcm ²
Protection	IP54		
Fan Rated voltage U_L Frequency f_L	1Ø220V 50HZ/60HZ		

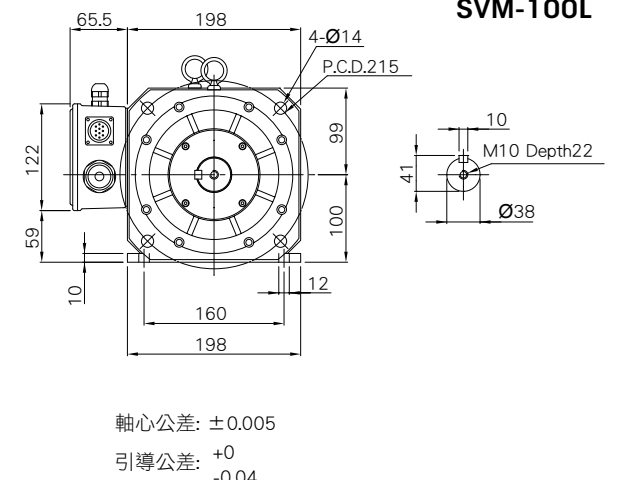
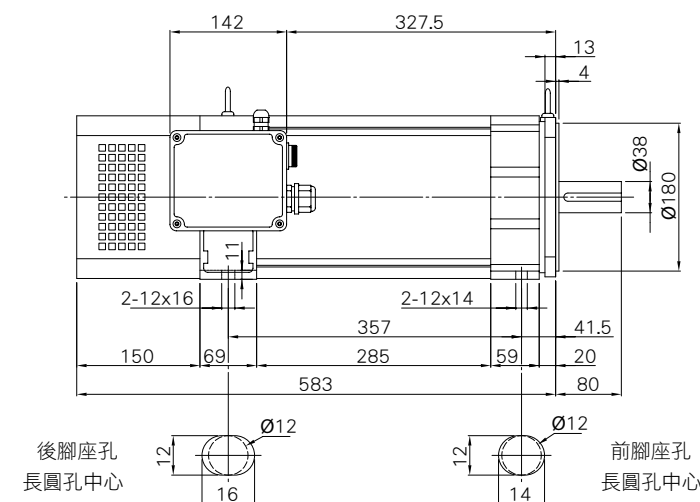
Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	M_{rated}	M2			I_{rated} (220/380v)					
		S1	S6~60%		S1	S6~60%	S1	S6~60%		
TYPE	rpm	rpm	rpm	Nm	A	A	KW	KW	kgm ²	kg
SVM-100S-10	1000	5000	4800	35.5	13.86/8	17.7/10.2	3.75	4.8	0.0245	51
SVM-100S-15	1500	7500	7200	35	20.3/11.72	25.87/14.9	5.5	7	0.0245	51
SVM-100S-20	2000	8000	7680	35.5	27.7/15.9	35.8/20.6	7.5	9.7	0.0245	51
SVM-100M-10	1000	5000	4800	52	20.3/11.7	26.2/15.1	5.5	7.1	0.0353	68
SVM-100M-15	1500	7500	7200	47.8	27.7/15.9	36.2/20.9	7.5	9.8	0.0353	68
SVM-100M-20	2000	8000	7680	52.06	40.6/23.4	52.8/30.4	11	14.3	0.0353	68
SVM-100L-10	1000	5000	4800	71	27.7/15.9	35.8/20.6	7.5	9.7	0.0405	83
SVM-100L-15	1500	7500	7200	69.4	40.6/23.4	51.7/29.8	11	14	0.0405	83
SVM-100L-20	2000	8000	7680	71	55.4/31.9	66.5/38.3	15	18	0.0405	83



SVM-100S



SVM-100M

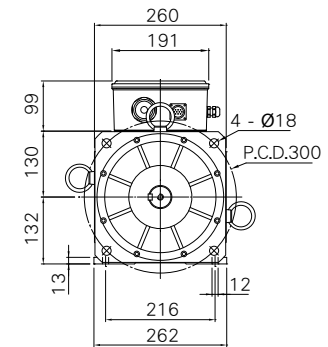
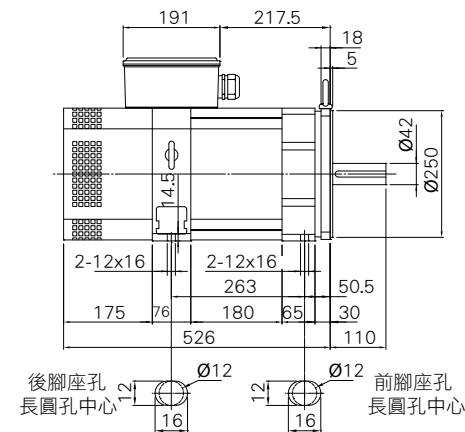


SVM-100L

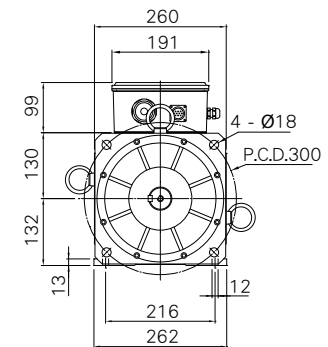
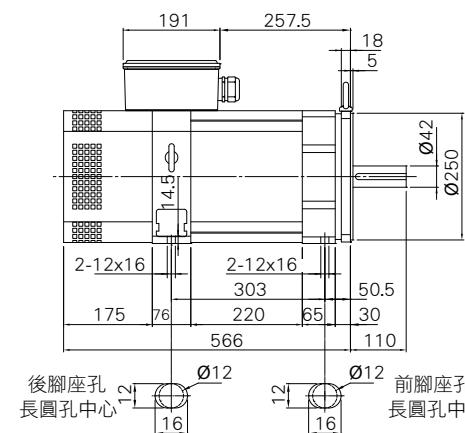
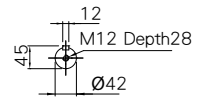


Motor	SVM-132S	SVM-132M	SVM-132L	SVM-132X
Rated voltage U_N	220 / 380	220 / 380	220 / 380	220 / 380
Rated power output P_N	15kw	18.5kw	22kw	30kw
Rated speed N_N	1500rpm			
Rated torque M_N	94.66 Nm	116.7 Nm	138.84 Nm	189.33 Nm
Rated current I_N	50.08/28.9	62.2/35.9	74/42.7	101/58.3
Efficiency	0.86			
Max speed N_{max} Standard bearing	6000rpm			4500rpm
Max current I_{max}	90/52A	109.4/63.1A	129.4/74.1A	176/101A
Weight	105kg	120kg	152kg	178kg
Rated inertia J	650kgcm ²	770kgcm ²	1010kgcm ²	1200kgcm ²
Protection	IP54			
Fan Rated voltage U_L Frequency f_L	1Ø220V 50HZ/60HZ			

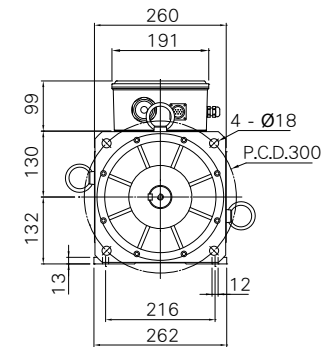
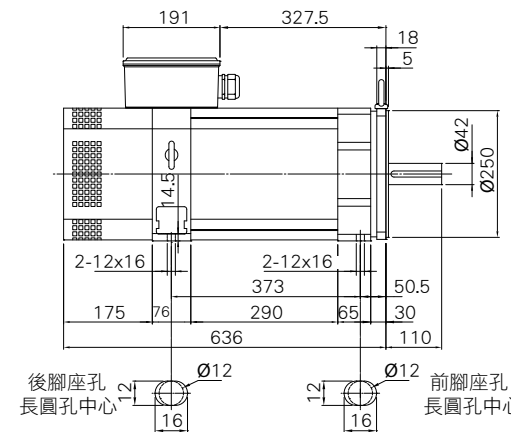
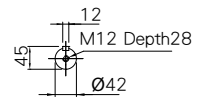
Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	M_{rated}	M2		Nm	I_{rated} (220/380v)				J	W
		S1	S6~60%		S1	S6~60%	S1	S6~60%		
TYPE	rpm	rpm	rpm		A	A	KW	KW	kgm ²	kg
SVM-132S-10	1000	4000	4000	104.13	37/21.36	50.08/28.9	11	15	0.065	105
SVM-132S-15	1500	6000	6000	94.66	50.08/28.9	62.2/35.9	15	18.5	0.065	105
SVM-132S-20	2000	6000	6000	87.56	62.2/35.9	74/42.7	18.5	22	0.065	105
SVM-132M-10	1000	4000	4000	142	50.08/28.9	62.2/35.9	15	18.5	0.077	120
SVM-132M-15	1500	6000	6000	116.7	62.2/35.9	74/42.7	18.5	22	0.077	120
SVM-132M-20	2000	6000	6000	104.13	74/42.7	101/58.3	22	30	0.077	120
SVM-132L-10	1000	4000	4000	175.1	62.2/35.9	74/42.7	18.5	22	0.101	152
SVM-132L-15	1500	6000	6000	138.8	74/42.7	101/58.3	22	30	0.101	152
SVM-132L-20	2000	6000	6000	142.00	101/58.3	126/72.8	30	37.5	0.101	152
SVM-132X-10	1000	4000	4000	208.26	74/42.7	101/58.3	22	30	0.126	178
SVM-132X-15	1500	4500	4500	189.33	101/58.3	126/72.8	30	37.5	0.126	178
SVM-132X-20	2000	4500	4500	177.50	126.1/72.8	151.4/87.4	37.5	45	0.126	178



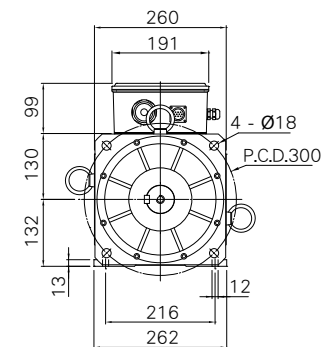
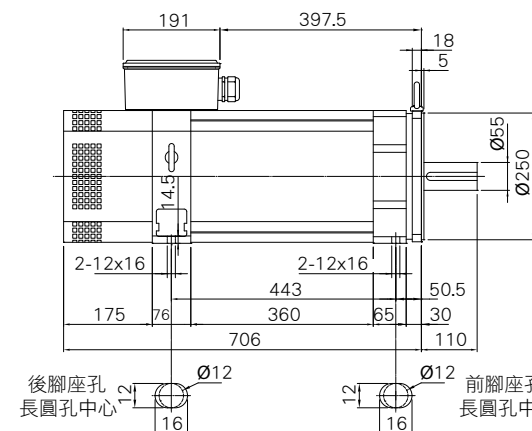
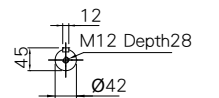
SVM-132S



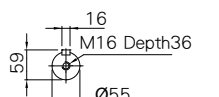
SVM-132M



SVM-132L



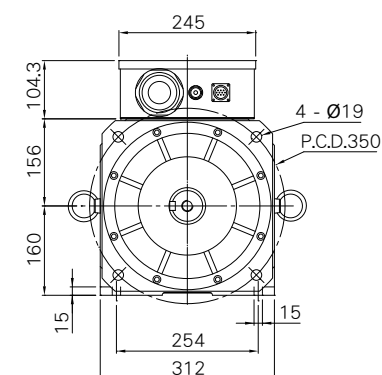
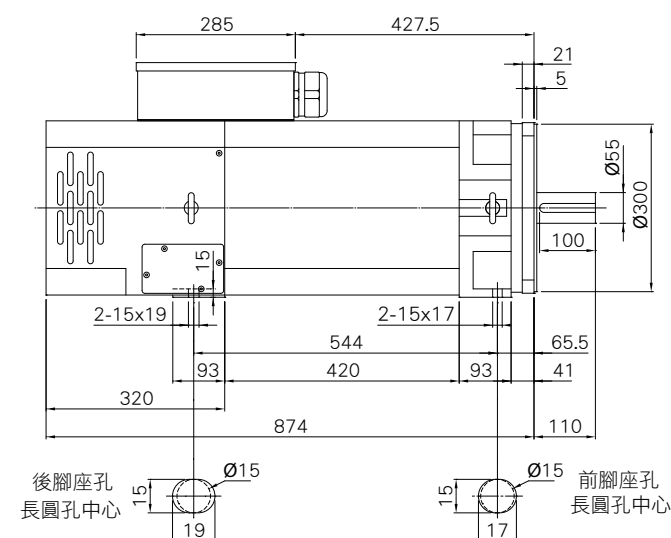
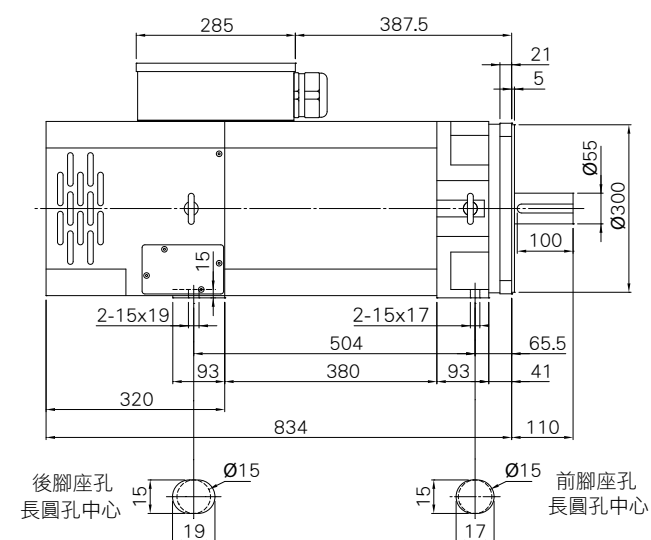
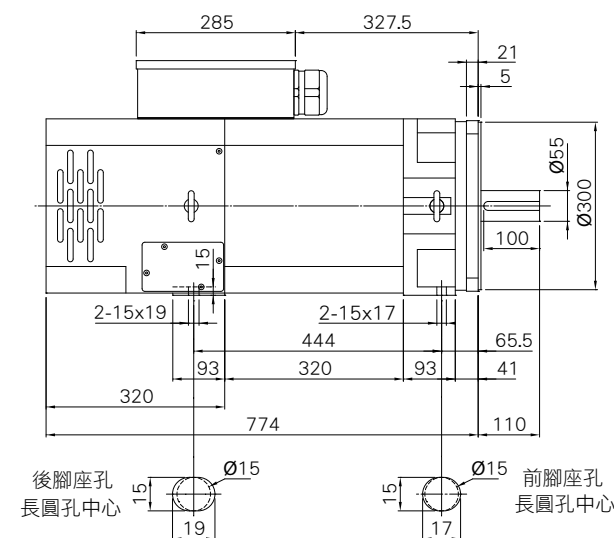
SVM-132X



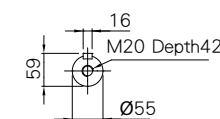


Motor	SVM-160S	SVM-160M	SVM-160L
Rated voltage U _N	220 / 380	220 / 380	220 / 380
Rated power output P _N	37.5kw	45kw	50kw
Rated speed N _N	1500rpm		
Rated torque M _N	236.67Nm	284Nm	315.5Nm
Rated current I _N	129.45/74.7	155.4/89.7	171.8/99.2
Efficiency	0.92		
Max speed N _{max} Standard bearing	4000rpm		
Max current I _{max}	191.5/110.5A	233.1/134.55A	252.1/144A
Weight	240kg	265kg	282kg
Rated inertia J	1860kgcm ²	2300kgcm ²	2560kgcm ²
Protection	IP54		
Fan Rated voltage U _L Frequency f _L	1Ø220V 50HZ/60HZ		

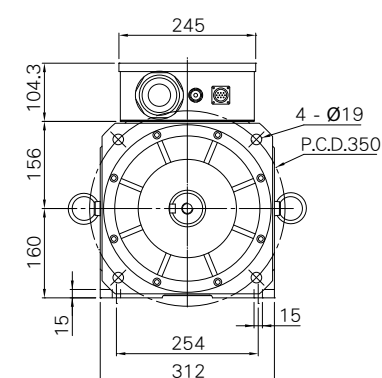
Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	Mrated	M2			Irated (220/380v)					
		S1	S6~60%		S1	S6~60%	S1	S6~60%	J	W
TYPE	rpm	rpm	rpm	Nm	A	A	KW	KW	kgm²	kg
SVM-160S-10	1000	4000	4000	284	103.6/59.8	129.45/74.7	30	37.5	0.186	240
SVM-160S-15	1500	4000	4000	236.67	129.45/74.7	155.4/89.7	37.5	45	0.186	240
SVM-160S-20	2000	3500	3500	213	155.4/89.7	193.4/111.6	45	56	0.186	240
SVM-160M-10	1000	4000	4000	355	129.45/74.7	155.4/89.7	37.5	45	0.23	265
SVM-160M-15	1500	4000	4000	284	155.4/89.7	193.4/111.6	45	56	0.23	265
SVM-160M-20	2000	3500	3500	260.33	189.9/109.6	234.8/135.5	55	68	0.23	265
SVM-160L-10	1000	4000	4000	378.6	137.58/79.4	178.8/103.2	40	52	0.256	282
SVM-160L-15	1500	4000	4000	315.5	171.8/99.2	223.5/129.0	50	65	0.256	282
SVM-160L-20	2000	3200	2800	293.47	213.2/123	275/158.37	62	80	0.256	282



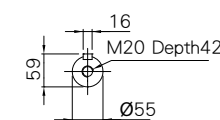
軸心公差: ± 0.005
引導公差: $\begin{matrix} +0 \\ -0.04 \end{matrix}$



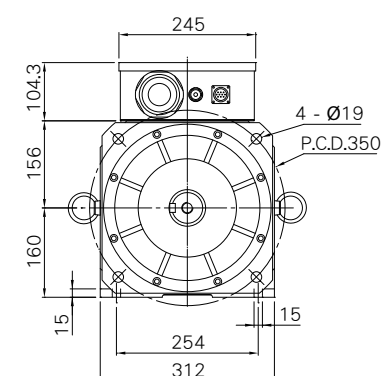
SVM-160S



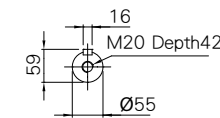
軸心公差: ± 0.005
引導公差: $\begin{matrix} +0 \\ -0.04 \end{matrix}$



SVM-160M



軸心公差: ± 0.005
引導公差: $\begin{matrix} +0 \\ -0.04 \end{matrix}$

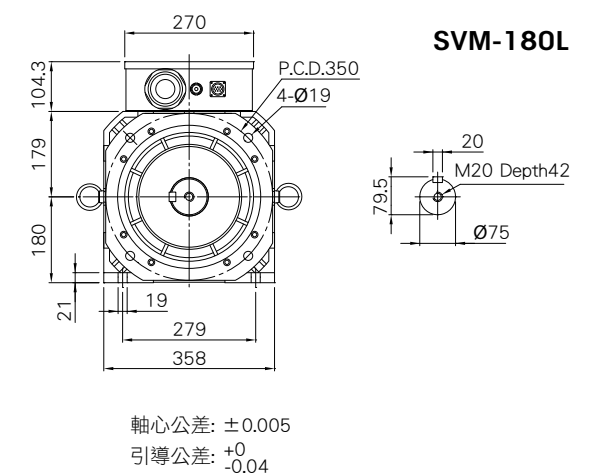
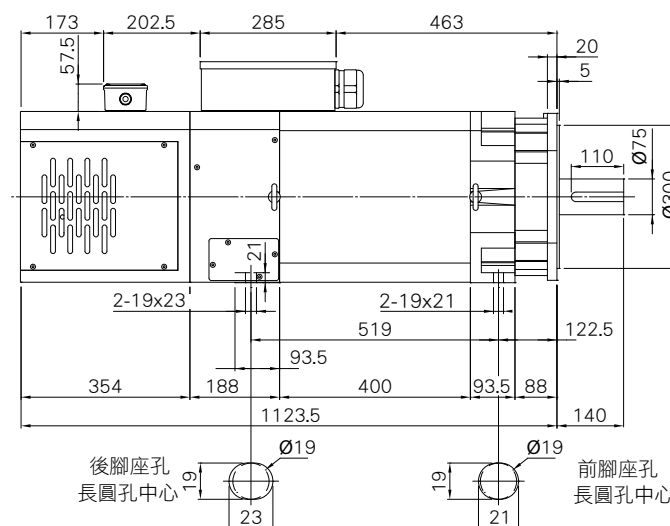
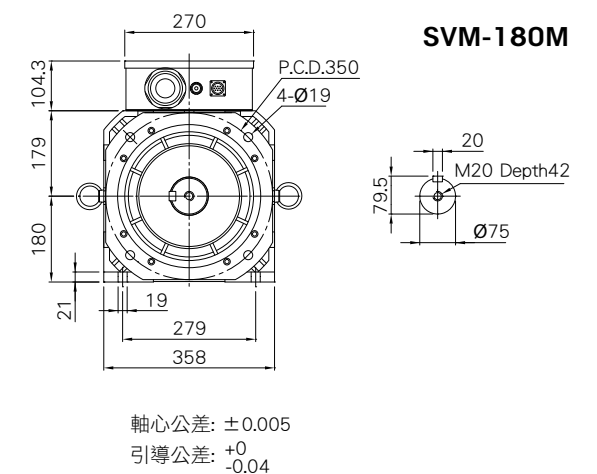
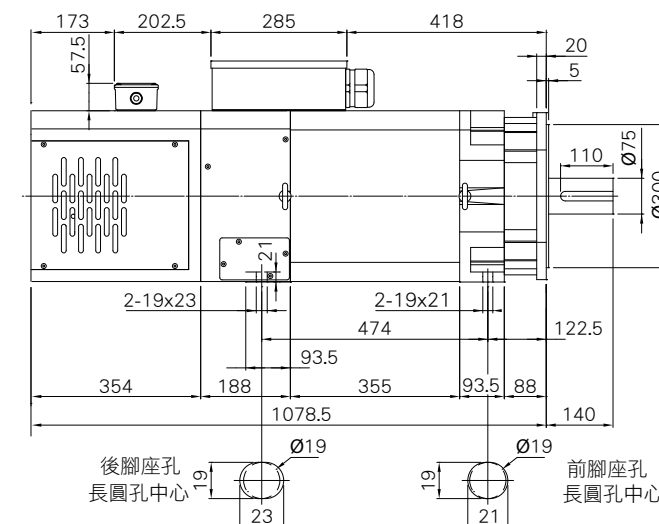
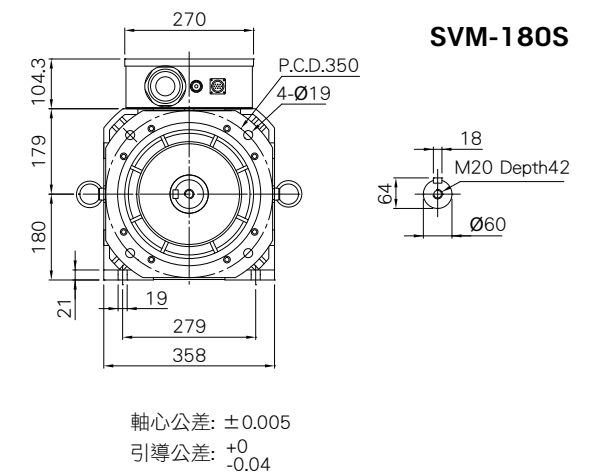
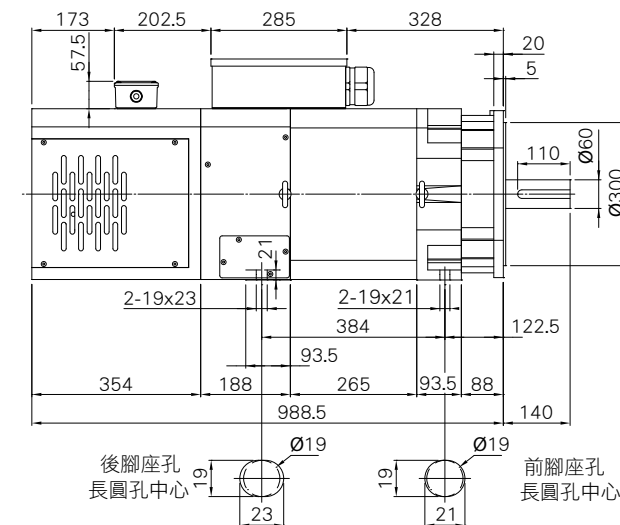


SVM-160L



Motor	SVM-180S	SVM-180M	SVM-180L
Rated voltage U_N	220 / 380	220 / 380	220 / 380
Rated power output P_N	55kw	75kw	90kw
Rated speed N_N	1500rpm		
Rated torque M_N	347Nm	473.3Nm	568Nm
Rated current I_N	191.1/110.3	260.6/150.4	314/181.3
Efficiency	0.94		
Max speed N_{max} Standard bearing	4000rpm		
Max current I_{max}	286.65/165.45A	390.9/225.6A	458.5/365A
Weight	370kg	440kg	500kg
Rated inertia J	5000kgcm ²	6900kgcm ²	7770kgcm ²
Protection	IP54		
Fan Rated voltage Rated current Frequency	3Ø220V/380V 7/4A 50HZ/60HZ		

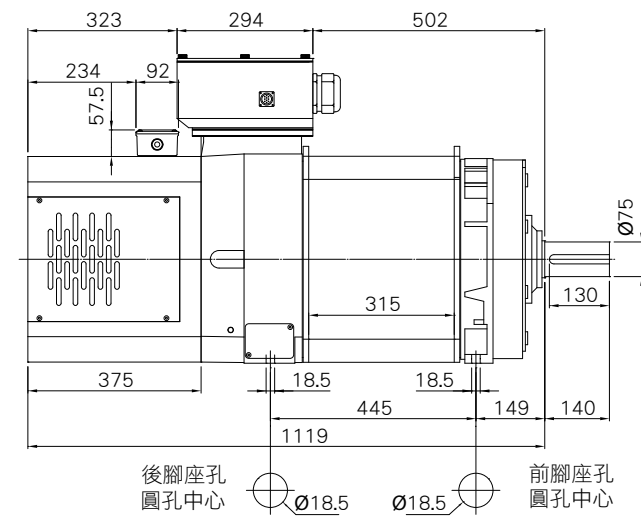
Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	Mrated	M2			Irated (220/380v)					
		S1	S6~60%		S1	S6~60%	S1	S6~60%	J	W
TYPE	rpm	rpm	rpm	Nm	A	A	KW	KW	kgm ²	kg
SVM-180S-10	1000	4000	4000	355	130.3/75.2	169.2/97.6	37.5	48.7	0.5	370
SVM-180S-15	1500	4000	4000	347	191.1/110.3	253.7/146.4	55	73	0.5	370
SVM-180S-20	2000	4000	4000	355	260.6/150.4	338.8/195.6	75	97.5	0.5	370
SVM-180M-10	1000	4000	4000	520.6	191.1/110.3	251.2/144.4	55	72	0.69	440
SVM-180M-15	1500	4000	4000	473.3	260.6/150.4	338.8/195.6	75	97.5	0.69	440
SVM-180M-20	2000	4000	4000	473.34	347.5/200.6	451.8/260.8	100	130	0.69	440
SVM-180L-10	1000	4000	4000	615.3	226.8/130.9	290.3/167.6	65	83.2	0.777	500
SVM-180L-15	1500	4000	4000	568	314/181.3	408.3/235.7	90	117	0.777	500
SVM-180L-20	2000	4000	4000	520.6	383.8/221.6	479.8/277	110	137.5	0.777	500



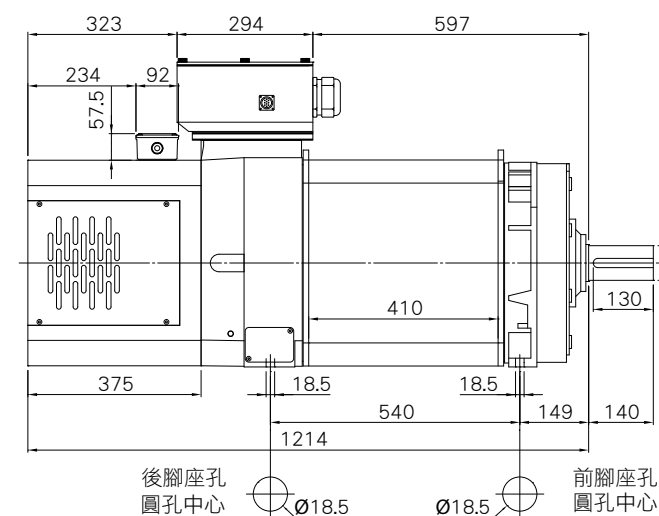


Motor	SVM-225S	SVM-225M	SVM-225L
Rated voltage U_N	220 / 380	220 / 380	220 / 380
Rated power output P_N	100kw	130kw	160kw
Rated speed N_N	1500rpm		
Rated torque M_N	631Nm	820Nm	1010Nm
Rated current I_N	328 / 189.3	426.5 / 246.2	524.9 / 303
Efficiency	0.9		
Max speed N_{max} Standard bearing	4000rpm		
Max current I_{max}	512 / 296A	664 / 384A	819 / 473.6A
Weight	635kg	745kg	860kg
Rated inertia J	14790kgcm ²	19300kgcm ²	23260kgcm ²
Protection	IP54		
Fan Rated voltage Rated current Frequency	3Ø220V/380V 7/4A 50HZ/60HZ		

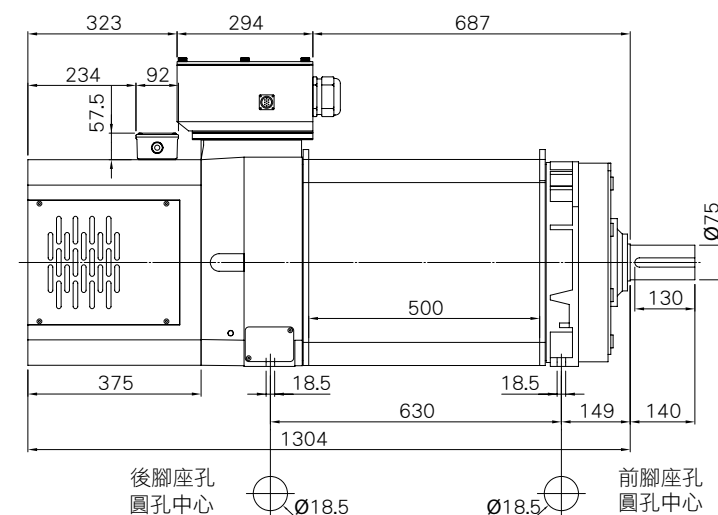
Motor	Rated speed	Rated power in duty type in accordance		Rated torque	Rated current for duty type		Rated power for duty type		Moment of inertia	Weight
	Mrated	M2			Irated (220/380v)				J	W
		S1	S6~60%		S1	S6~60%				
TYPE	rpm	rpm	rpm	Nm	A	A	KW	KW	kgm ²	kg
SVM-225S-10	1000	4000	4000	700	242.7/140.1	288.7/166.6	74	88	1.479	635
SVM-225S-15	1500	4000	4000	631	328/189.3	413.3/238.6	100	126	1.479	635
SVM-225S-20	2000	4000	4000	568	393.7/227.3	492.1/284.1	120	150	1.479	635
SVM-225M-10	1000	4000	4000	908	314.9/181.8	393.7/227.3	96	120	1.930	745
SVM-225M-15	1500	4000	4000	820	426.5/246.2	534.7/308.7	130	163	1.930	745
SVM-225M-20	2000	4000	4000	795	551.1/318.1	688.9/397.7	168	210	1.930	745
SVM-225L-10	1000	4000	4000	1069	370.7/214	534.7/308.7	113	163	2.326	860
SVM-225L-15	1500	4000	4000	1010	524.9/303	656.7/378.8	160	200	2.326	860
SVM-225L-20	2000	4000	4000	852	590.5/340.9	741.4/428	180	226	2.326	860



SVM-225S



SVM-225M



SVM-225L

軸心公差: ± 0.005
引導公差: $+0$
 -0.04

軸心公差: ± 0.005
引導公差: $+0$
 -0.04

軸心公差: ± 0.005
引導公差: $+0$
 -0.04

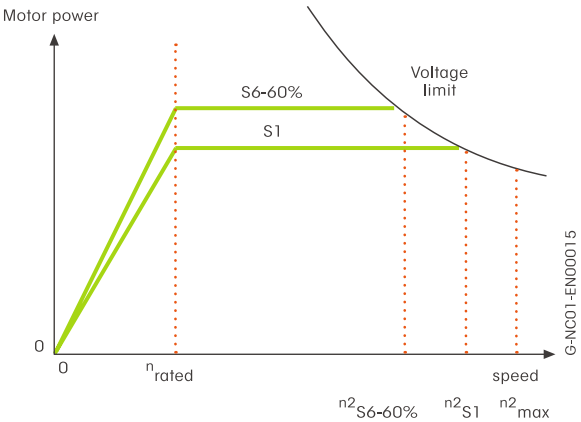
AC SERVO
SVM75~225 motors

Asynchronous Motors

Motor	Rated speed	Attainable speed for rated power in duty type in accordance with IEC	
	Mrated	M2	
		S1	S6~60%
TYPE	rpm	rpm	rpm
SVM-75S-30	3000	18000	18000
SVM-75M-30	3000	18000	18000
SVM-75L-30	3000	18000	18000
SVM-80S-10	1000	4000	3500
SVM-80S-15	1500	6000	5000
SVM-80S-20	2000	7600	6600
SVM-90S-10	1000	4000	3500
SVM-90S-15	1500	6000	5000
SVM-90S-20	2000	7600	6600
SVM-90M-10	1000	4000	3500
SVM-90M-15	1500	6000	5000
SVM-90M-20	2000	7600	6600
SVM-90L-10	1000	4000	3500
SVM-90L-15	1500	6000	5000
SVM-90L-20	2000	7600	6600
SVM-100S-10	1000	5000	4800
SVM-100S-15	1500	7500	7200
SVM-100S-20	2000	8000	7680
SVM-100M-10	1000	5000	4800
SVM-100M-15	1500	7500	7200
SVM-100M-20	2000	8000	7680
SVM-100L-10	1000	5000	4800
SVM-100L-15	1500	7500	7200
SVM-100L-20	2000	8000	7680
SVM-132S-10	1000	4000	4000
SVM-132S-15	1500	6000	6000
SVM-132S-20	2000	6000	6000
SVM-132M-10	1000	4000	4000
SVM-132M-15	1500	6000	6000
SVM-132M-20	2000	6000	6000
SVM-132L-10	1000	4000	4000
SVM-132L-15	1500	6000	6000
SVM-132L-20	2000	6000	6000

Motor	Rated speed	Attainable speed for rated power in duty type in accordance with IEC	
	Mrated	M2	
		S1	S6~60%
TYPE	rpm	rpm	rpm
SVM-132X-10	1000	4000	4000
SVM-132X-15	1500	4500	4500
SVM-132X-20	2000	4500	4500
SVM-160S-10	1000	4000	4000
SVM-160S-15	1500	4000	4000
SVM-160S-20	2000	3500	3500
SVM-160M-10	1000	4000	4000
SVM-160M-15	1500	4000	4000
SVM-160M-20	2000	3500	3500
SVM-160L-10	1000	4000	4000
SVM-160L-15	1500	4000	4000
SVM-160L-20	2000	3200	2800
SVM-180S-10	1000	4000	4000
SVM-180S-15	1500	4000	4000
SVM-180S-20	2000	4000	4000
SVM-180M-10	1000	4000	4000
SVM-180M-15	1500	4000	4000
SVM-180M-20	2000	4000	4000
SVM-180L-10	1000	4000	4000
SVM-180L-15	1500	4000	4000
SVM-180L-20	2000	4000	4000
SVM-225S-10	1000	4000	4000
SVM-225S-15	1500	4000	4000
SVM-225S-20	2000	4000	4000
SVM-225M-10	1000	4000	4000
SVM-225M-15	1500	4000	4000
SVM-225M-20	2000	4000	4000
SVM-225L-10	1000	4000	4000
SVM-225L-15	1500	4000	4000
SVM-225L-20	2000	4000	4000

Characteristic curves



speed/power graph for AC motors 1)
The graph shows the typical relationship between motor speed drive power in SVM motors for the following duty types in accordance with IEC 60034-1

- S1 : Continuous duty
- S2 : Continuous duty with intermittent loading and a relative duty factor 60%(S6~60%) or 40%(S6~40%) with a maximum duty cycle time of 10 minutes.

Terminal box

