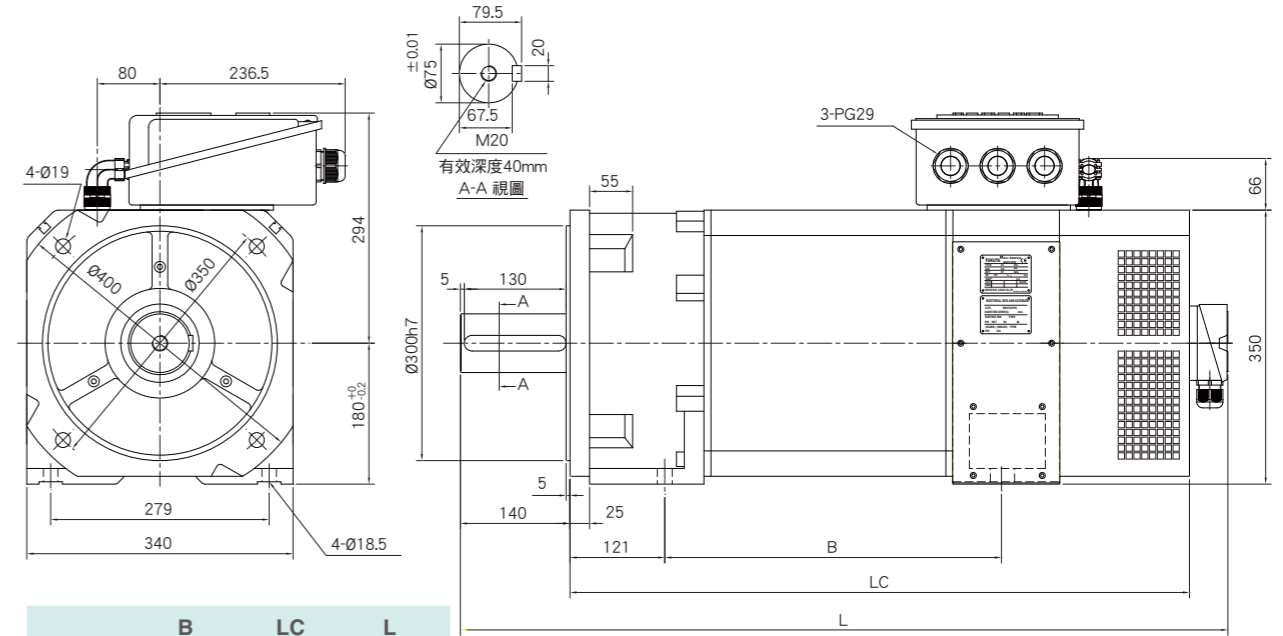


## MODEL SB-180

FUKUTA SERVO MOTOR

IP54 低慣量



	B	LC	L
180P	380	741	930
180S	430	791	980
180M	475	836	1025
180L	560	921	1110
180X	630	991	1180

### 產品規格 Standard

輸出 Output(kw)	55	65	75	90	110
框號 Frame No.	180P	180S	180M	180L	180X
效率 Efficiency(%)	94.8%	94.8%	95.0%	95.3%	95.3%
功因 Power Factor	0.883	0.878	0.887	0.904	0.895
R1(Ω) @25°C	0.116	0.097	0.079	0.061	0.048
極數 Poles	4	4	4	4	4
轉動慣量 Rotor Inertial(kg·m <sup>2</sup> )	0.4006	0.4807	0.5528	0.6889	0.8010
激磁電流 Magnetizing Current(A)	36.6	44.5	47.6	49.3	64.5
額定轉速 Rated Speed (rpm)	1500	1500	1500	1500	1500
最高轉速 Max. Speed (rpm)	3500	3500	3500	3500	3500
重量 Weight(kg)	328.0	370.0	408.0	480.0	544.0
編碼器 Encoder	1024PPR RS422(Line-drive)/Push-Pull				
風扇 Elec.Fan	3φ 220/380V 50/60Hz 5.6/3.2A				
軸承 Bearings	LS:6316C3		OS:6315C3		

※編碼器之選用依需求為主

### 一般條件 General Data

安裝方式 Mounting	IM 2001 (B3/B5)
保護方式 Protection	IP54 低慣量
轉子平衡 Rotor Balancing	R級 (ISO2373)R Degree
絕緣等級 Insulation	H級 Class H
冷卻系統 Cooling Sys.	強制通風 Forced Air Cooled
熱保護 Thermal Protection	熱保護器 (常閉) Thermal Protector (NC)
噪音 Noise	80dBA
周溫 Ambient Temp.	-15°C~40°C
高度 Altitude	海拔1000米 1000m ASL

### FUKUTA® 伺服馬達規格之選用

框號 Fr. No.	額定輸出 Rated Output	額定轉速 Rated Speed	最大轉矩 Max. Torque	額定轉矩 Rated Torque	額定電流 Rated Current		額定頻率 Rated Frequency
	kw	RPM	kg-m	kg-m	330V	380V	Hz
SB-180P	37	1000	72.12	36.06	80.2	69.7	34.0
	55	1500	71.47	35.73	114.9	99.8	50.7
	75	2000	73.08	36.54	150.6	130.8	67.4
SB-180S	100	3000	64.96	32.48	196.5	170.6	100.8
	45	1000	87.7	43.85	97.6	84.8	34.0
	65	1500	84.45	42.22	136.7	118.7	50.7
SB-180M	88	2000	85.76	42.88	180.7	156.9	67.4
	114	3000	74.06	37.03	225.5	195.8	100.8
	55	1000	107.18	53.59	120.7	104.8	34.0
SB-180L	75	1500	97.44	48.72	155.6	135.1	50.7
	100	2000	97.44	48.72	203.2	176.5	67.5
	132	3000	85.74	42.87	259.6	225.4	100.7
SB-180X	60	1000	116.94	58.47	126.2	109.6	34.0
	90	1500	116.94	58.47	182.9	158.8	50.7
	122	2000	118.88	59.44	244.9	212.7	67.4
SB-180X	160	3000	103.94	51.97	313.9	272.6	100.7
	75	1000	146.16	73.08	161.7	140.4	34.0
	110	1500	142.92	71.46	225.4	195.7	50.7
SB-180X	145	2000	141.3	70.65	287.2	249.4	67.4
	190	3000	123.42	61.71	372.1	323.1	100.7