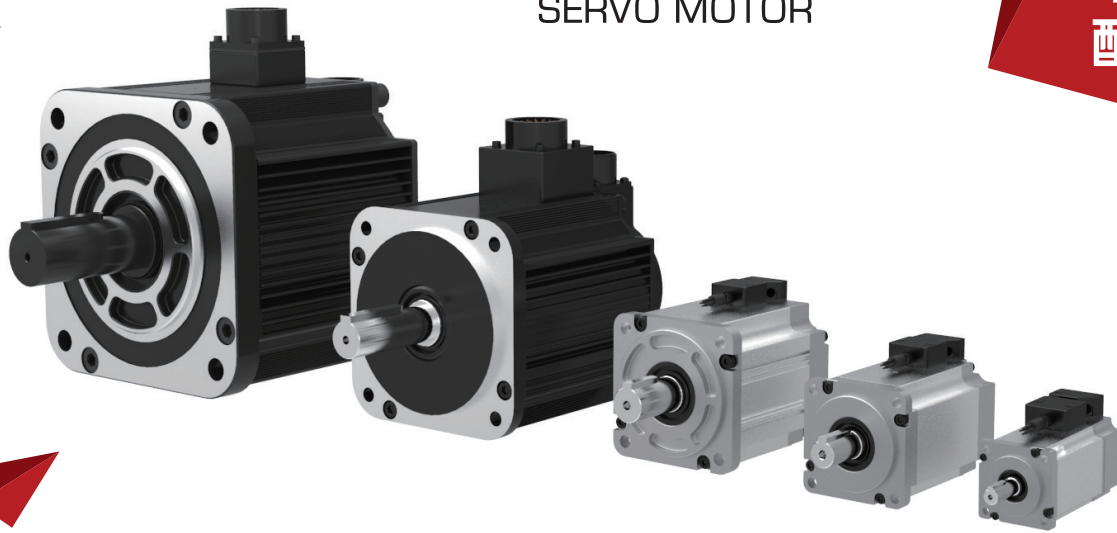


伺服电机

SERVO MOTOR

ae
SMARTER · STRONGER
配天机器人



型号 Type	AC220V																					
额定输出 (kW) Rated Output [kW]	0.1		0.2		0.4		0.6		0.75		0.85		1.0		1.3		2.0		3.0		5.0	
机座号 Frame Size	40#	60#	60#	60#	80#	60#	80#	130#	80#	130#	130#	130#	180#	180#								
额定扭矩 (N.m) Rated Torque [N.m] [瞬时最大扭矩 / Instantaneous Peak Torque]	0.318 [0.955]	0.318 [1.114]	0.637 [1.91]	1.27 [3.82]	1.27 [4.445]	1.91 [6.68]	2.39 [8.36]	5.39 [13.8]	3.18 [11.14]	8.28 [23.3]	9.55 [28.7]	14.3 [43.0]	19.1 [45.1]	23.9 [71.1]								
额定电流 (A) Rated Current [A] [瞬时最大电流 / Instantaneous Max. Current]	0.84 [2.9]	1.0 [3.0]	1.65 [6.5]	2.8 [11.6]	2.8 [9.8]	4.2 [15.5]	5.0 [18.0]	7.1 [17.0]	6.6 [23.8]	9.5 [28.0]	14.5 [44.2]	16.5 [50.0]	24.5 [56.0]	29.0 [87.0]								
额定转速 (RPM) Rated speed [RPM] [最高转速 /Max. Speed]	3000 [6500]	3000 [6500]	3000 [6500]	3000 [6500]	3000 [6500]	3000 [6000]	3000 [6500]	1500 [3000]	3000 [6000]	1500 [3000]	2000 [3000]	2000 [3000]	1500 [3000]	2000 [3000]								
转动惯量 (kg.m ² × 10 ⁻⁴) Rotor Moment of Inertia [kg.m ² × 10 ⁻⁴] [加制动器 /With Brake]	0.061 [0.063]	0.093 [0.143]	0.252 [0.259]	0.461 [0.468]	0.96 [1.018]	0.655 [0.661]	1.65 [1.73]	11.67 [12.11]	2.16 [2.22]	17.2 [17.8]	17.2 [17.8]	25.32 [25.72]	44.767 [51.4938]	66.5838 [73.2621]								
反馈元件 Feedback Component	17/20 位绝对值编码器 17/20 bits Absolute Encoder																					
电机重量 (KG) Weight [KG] [加制动器 /With Brake]	0.43 [0.62]	0.5 [0.77]	0.78 [1.26]	1.26 [1.74]	1.94 [2.82]	1.6 [2.08]	2.23 [3.11]	7.8 [9.1]	3.04 [3.92]	9.08 [10.5]	9.38 [10.5]	10.5 [11.6]	13.5 [19.5]	17.5 [23.5]								

伺服驱动

SERVO DRIVE



AE511x 系列 AE511x Series		R90A1B	2R8A1B	7R6A1B	120A1B	200A1B	330A1B
最大适用电机容量 (kW) Max. Power [kW]		0.1	0.4	1.0	1.5	3.0	5.0
额定电流 (A) Rated Current [A]		0.91	2.8	7.6	11.6	19.6	32.9
最大电流 (A) Max. Current [A]		2.9	9.3	18	28	56	84
主电路电源 (RST) Main Circuit [RST]		单相 / 三相 220V Single/3-phase 220V			三相 220V 3-phase 220V		
控制电源 (LN) Control Circuit [LN]		单相 220V Single phase 220V					
适配电机 Motor Type		交流永磁同步电机 Permanent magnet synchronous motor					
控制方式 Control Method		SVPWM 控制技术 /SVPWM control method					
特性 Performance	速度调节范围 Speed Control Range	1:5000					
	稳速精度 Speed Regulation	±0.01% : 外部负载变动 0~100%/±0.01% : 0~100% load ±0.01% : 电源输入变动 ±10% (220V) /±0.01% : rated voltage ±10% [220V] ±0.1% : 环境温度 ±25° C (25° C) /±0.1% : ambient temperature ±25° C [25° C]					
	速度频率响应 Speed frequency response	1.2KHZ					
控制输入 Sequence Input		7 路 24V 输入信号、4 路开路输出信号，可通过参数配置实现不同功能 7-channel input signals and 4-channel output signals which can be allocated					
监视功能 Monitor Function		转速、当前位置、位置偏差、电机转矩、电机电流、指令脉冲频率、输入输出信号状态等 Speed, position, position error, torque, current, frequency of input pulse, I/O signal status, etc.					
保护功能 Protective Function		位置超差、超速、过流、过载、欠压、过压、缺相、编码器故障等 Position error, overspeed, overcurrent, overload, undervoltage, overvoltage, default phase, encoder error, etc.					