

High-Performance Servo Motors – P3C Series Servo Motors

The P3C series rotary servo motors are general-purpose servo motor products launched by Servotronix for the general automation market. They are broken down into sub-series including P3C-L, P3C-C and P3C-G based on distinct inertia grades and speed ratings. The rated power ranges from 0.05 kW to 7.5 kW, with available frame sizes of 40 mm, 80 mm, 100 mm, 130 mm and 180 mm.

You may equip the P3C servo motors with encoders of varying specifications matching specific equipment application scenarios. Depending on the performance and functional requirements of the servo system, the motors can pair with Servotronix BD3-series general-purpose servo drives or CDHD2S RO high-performance servo drives. The product line sees broad deployment across machinery tools, woodworking machinery, logistics facilities, textile equipment, semiconductor production gear and equipment from other industrial segments.



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产品丰富, 满足更多功率等级、转速等级、惯量等级、编码器配置的电机产品需求

Our product range is extensive, meeting the needs for motors with varying power levels, speeds, inertia levels, and encoder configurations

高能效、高精度、高防护 (IP65)

High energy efficiency, high precision, and high protection (IP65)

符合CE、RoHS等产品认证

Compliant with CE、RoHS and other product certifications

高性价比

High cost performance

产品各方面参数详情

电机类型	机座号 (mm)	额定功率 (W)	电压等级 (VAC)	转矩值 (额定/峰值)	转速 (额定/最高)	电流规格 (额定/最高)	惯量值 (无制动/带制动)	油封	制动器	23bit多圈光编	17bit多圈磁编	
P3C-L 小惯量 高速	40	0.05	220	0.16/0.48	3000/6000	0.6/1.8	0.035/0.038	√	×	P3C-LA5A104ST	P3C-LA5A104SJ	
									√	P3C-LA5A104ET	P3C-LA5A104EJ	
								×	×	P3C-LA5A104NT	P3C-LA5A104NJ	
									√	P3C-LA5A104BT	P3C-LA5A104BJ	
		0.1	220	0.32/0.96	3000/6000	1/3	0.05/0.053	√	×	P3C-L01A104ST	P3C-L01A104SJ	
									√	P3C-L01A104ET	P3C-L01A104EJ	
								×	×	P3C-L01A104NT	P3C-L01A104NJ	
									√	P3C-L01A104BT	P3C-L01A104BJ	
	80	1	220	3.18/11.13	3000/6000	6.3/25	0.88/	√	×	P3C-L10A108ST	P3C-L10A108SJ	
	100	1	220	3.18/9.54	3000/6000	7/22	2.26/3	√	×	P3C-L10A110ST	P3C-L10A110SJ	
				√	P3C-L10A110ET	P3C-L10A110EJ						
			380	3.18/9.54	3000/6000	3.5/11	2.26/3	√	×	P3C-L10B110ST	P3C-L10B110SJ	
				√	P3C-L10B110ET	P3C-L10B110EJ						
		1.5	220	4.77/14.31	3000/6000	10/31	3.1/3.83	√	×	P3C-L15A110ST	P3C-L15A110SJ	
				√	P3C-L15A110ET	P3C-L15A110EJ						
			380	4.77/14.31	3000/6000	5/16	3.1/3.83	√	×	P3C-L15B110ST	P3C-L15B110SJ	
				√	P3C-L15B110ET	P3C-L15B110EJ						
		2	220	6.37/19.11	3000/6000	11.6/36	3.93/4.66	√	×	P3C-L20A110ST	P3C-L20A110SJ	
				√	P3C-L20A110ET	P3C-L20A110EJ						
			380	6.37/19.11	3000/6000	6/18	3.93/4.66	√	×	P3C-L20B110ST	P3C-L20B110SJ	
				√	P3C-L20B110ET	P3C-L20B110EJ						
		2.5	380	7.96/23.88	3000/6000	7.5/22	4.76/5.5	√	×	P3C-L25B110ST	P3C-L25B110SJ	
									√	P3C-L25B110ET	P3C-L25B110EJ	
P3C-G 中惯量 大转矩	130	2.2	380	14.3/40	1500/3000	10.5/29.4	27.1/28.33	√	×	P3C-G22B113ST	P3C-G22B113SJ	
									√	P3C-G22B113ET	P3C-G22B113EJ	
	180	2.9	380	18.6/55.8	1500/3000	11.9/35.7	63.5/69.5		√	×	P3C-G29B118ST	P3C-G29B118SJ
										√	P3C-G29B118ET	P3C-G29B118EJ
		4.4	380	28.4/85.2	1500/3000	16.5/49.5	88.5/94.5		√	×	P3C-G44B118ST	P3C-G44B118SJ
										√	P3C-G44B118ET	P3C-G44B118EJ
		5.5	380	35/105	1500/3000	20.8/62.4	114.4/120.4		√	×	P3C-G55B118ST	P3C-G55B118SJ
										√	P3C-G55B118ET	P3C-G55B118EJ
		7.5	380	48/120	1500/3000	26/65	136.6/142.6		√	×	P3C-G75B118ST	P3C-G75B118SJ
										√	P3C-G75B118ET	P3C-G75B118EJ
P3C-C 中惯量 中等转速	130	1	220	4.77/14.31	2000/3000	5.8/17.4	5.98/7.21	√	×	P3C-C10A113ST	P3C-C10A113SJ	
				√	P3C-C10A113ET	P3C-C10A113EJ						
			380	4.77/14.31	2000/3000	3.5/10.5	5.98/7.21	√	×	P3C-C10B113ST	P3C-C10B113SJ	
				√	P3C-C10B113ET	P3C-C10B113EJ						
		1.5	220	7.16/21.48	2000/3000	8/24	8.05/9.28	√	×	P3C-C15A113ST	P3C-C15A113SJ	
				√	P3C-C15A113ET	P3C-C15A113EJ						
			380	7.16/21.48	2000/3000	4.7/14.1	8.05/9.28	√	×	P3C-C15B113ST	P3C-C15B113SJ	
				√	P3C-C15B113ET	P3C-C15B113EJ						
		2	220	9.55/28.65	2000/3000	10.2/30.6	10.13/11.36	√	×	P3C-C20A113ST	P3C-C20A113SJ	
				√	P3C-C20A113ET	P3C-C20A113EJ						
			380	9.55/28.65	2000/3000	6.2/18.6	10.13/11.36	√	×	P3C-C20B113ST	P3C-C20B113SJ	
				√	P3C-C20B113ET	P3C-C20B113EJ						
		3	380	14.3/42.9	2000/3000	11/33	13.69/14.92	√	×	P3C-C30B113ST	P3C-C30B113SJ	
									√	P3C-C30B113ET	P3C-C30B113EJ	