

钛虎轻量化关节模组 Ti5 ROBOT Light Joint Module

快速选型表Quick Selection Table

关节型号 (模组外径红标) P/N	减速比 Gear Ratio	启停峰值扭矩 Peak Torque (N.m)	平均负载转矩 容许最大值 Max Allowable Torque At Average Load (N.m)	2000rpm/（减速比） 时额定转矩 Rated Torque @ 2000RPM (N.m)	输出端峰值转速 Peak Speed (RPM)	额定转速 (带1/2额定转矩) Rated Speed (With 1/2 Rated Torque) (RPM)	电机功率 Rated Power (W)	供电电压 Supply Voltage (V)	最大持续电流 Max Continuous Current (A)	额定电流 Rated Current (A)	编码器分辨率 Encoder Resolution (bit)	背隙 Gear Backlash (arcsec)	通讯总线 Communication Bus	长度 Length (mm)	通孔 Hollow Shaft (mm)	重量 Mass (kg)	扭矩常数 Torque Constant (N.m/A)	惯量 Inertia (g * cm²)
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PRO系列 PRO Series	CRA-RI30-40-PRO-XX	51/101	3.3/4.8	2.3/3.3	1.8/2.8	118/59	90/45	36	24-48	2	1	17	40/40	CAN	55.3±0.5	5	0.18	0.024	24
	CRA-RI40-52-PRO-XX	51/101	8.3/11	5.5/8.9	4/6.5	118/59	80/40	90	24-48	3	2	17	40/30	CAN	60.3±0.5	12	0.3	0.05	82
	CRA-RI50-70-PRO-XX	51/81/101	23/29/34	8.6/13.5/13.5	6.6/9.6/9.6	97/61/49	75/46/37	150	24-48	5	3.6	17	20/20/10	CAN	60±0.5	12	0.63	0.089	124
	CRA-RI60-80-PRO-XX	51/81/101/121	42/53/66/66	32/33/49/49	19.8/27.5/30/30	82/51/41/32	68/43/34/24	300	24-48	6.7	5	17	20/20/10/10	CAN	70.4±0.5	15	1.01	0.096	441
	CRA-RI70-90-PRO-XX	51/81/101/121	63/91/102/108	42/58/61/61	32/42/50/50	77/48/40/30	61/38/30/25	500	24-48	8.4	6.1	17	20/20/10/10	CAN	71.9±0.5	14.5	1.3	0.118	594
	CRA-RI80-110-PRO-XX	51/81/101/121/161	121/169/194/207/217	68.5/107/133/133/133	48/78/84/84/84	65/43/36/30/22	54/35/27/23/17	750	24-48	10.4	9	17	20/20/10/10/10	CAN	82.4±0.5	27	2.1	0.143	1255
	CRA-RI100-142-PRO-XX	51/81/101/121/161	267/376/411/436/459	120/185/267/267/267	94/146/169/169/169	55/37/29/24/18	44/29/22/18/12	1000	24-48	16.9	15.8	17	20/20/10/10/10	CAN	95.7±0.5	32	3.8	0.175	3601
	CRA-RI110-170-PRO-XX	51/121/161	523/802/841	255/586/586	169/363/363	34/14/10	22/12/7	1500	24-48	30.2	14.1	17	20/20/10	CAN	119.7±0.5	40	6.85	0.293	9242

PRO-S系列 PRO-S Series	CRA-RI50-60-PRO-S-XX	51/81/101	23/29/34	8.6/13.5/13.5	6.6/9.6/9.6	97/61/49	75/46/37	150	24-48	5	3.6	17	20/20/10	CAN	60±0.5	12	0.42	0.089	112
	CRA-RI60-70-PRO-S-XX	51/81/101/121	42/53/66/66	32/33/49/49	19.8/27.5/30/30	82/51/41/32	68/43/34/24	300	24-48	6.7	5	17	20/20/10/10	CAN	70.7±0.5	18	0.69	0.096	382
	CRA-RI70-80-PRO-S-XX	51/81/101/121	63/91/102/108	42/58/61/61	32/42/50/50	77/48/40/30	61/38/30/25	500	24-48	8.4	6.1	17	20/20/10/10	CAN	71.4±0.5	15	0.95	0.118	569

NH系列 NH Series	CRA-RI40-52-NH-XX	51/101	6/9	4.5/7.5	3.6/6	118/59	80/40	90	24-48	3	2	17	60/40	CAN	60.3±0.5	/	0.31	0.05	80
	CRA-RI50-70-NH-XX	51/81/101	12/23/27	7/11/11	5.5/8/8	97/61/49	75/46/37	150	24-48	5	3.6	17	30/30/20	CAN	60±0.5	/	0.63	0.089	124
	CRA-RI60-80-NH-XX	51/81/101/121	33/41/48/48	25/27/34/34	17/24/35/35	68/43/34/27	38/24/20/16	300	24-48	6.7	5	17	30/30/20/20	CAN	70.4±0.5	/	0.95	0.096	213
	CRA-RI70-90-NH-XX	51/81/101/121	49/71/80/84	29/41/43/43	26/36/40/40	74/46/37/31	61/38/30/25	500	24-48	8.4	6.1	17	30/30/20/20	CAN	71.9±0.5	/	1.3	0.118	594
	CRA-RI80-110-NH-XX	51/81/101/121/161	94/132/151/161/171	55/90/105/105/105	48/78/84/84/84	65/43/36/30/22	54/35/27/23/17	750	24-48	10.4	9	17	20/20/10/10/10	CAN	82.4±0.5	/	2.05	0.143	1255

*数据仅供参考