

TTRD-C 性能表 TTRD-C TECHNICAL SPECIFICATION TABLE

TTRD-C Technical Specification Table						TTRD-C Technical Specification Table					
		TTRD-10C	TTRD-30C	TTRD-50C		TTRD-105C		TTRD-200C	TTRD-320C	TTRD-500C	TTRD-700C
Rotation 轉動方式		Shaft Run 軸轉動	Shaft Run 軸轉動	Shaft Run 軸轉動			Shaft Run 軸轉動	Shaft Run 軸轉動	Shaft Run 軸轉動	Shaft Run 軸轉動	-
Ratio 減速比		106.5	64.38	78.4			97.6777	71.9924	94.5	111	-
		154	84.18	102.4			110.5677	92.2932	109.5	130.8	
		131.5	103.98	126.4			136.3478	105.827	123	147	
		-	121.8	148			187.9079	137.9699	153	183	
		-	161.4	196			211.1099	171.8045	213	219	
Rated Output Torque 額定輸出扭矩	Nm kgf-m	98 (10)	295 (30)	490 (50)			1030 (105)	1960 (200)	3136 (325)	4900 (500)	-
Acceleration & Braking Torque 加速和制動扭矩	Nm kgf-m	245 (25)	737 (75)	1225 (125)			2575 (262)	4900 (500)	7840 (800)	12250 (1250)	-
Instantaneous Max. Allowable Torque 瞬時最大容許轉矩	Nm kgf-m	490 (50)	1475 (150)	2450 (250)			5150 (525)	9800 (1000)	15680 (1600)	24500 (2500)	-
Rated Input Speed 額定輸入轉速	Nr (rpm)	2000	2000	1500			1500	1500	1500	1500	-
Ratrd Output Speed 額定輸出轉速	Nr (rpm)	15	15	15			15	15	15	15	-
Rated Lifetime 額定壽命	Hr	6000	6000	6000			6000	6000	6000	6000	-
Maximum Allowable Output Speed(Intermittent) 容許最高輸出轉速（間歇）		Nmax (rpm)	28	47	38		26	28	21	18	-
			19	36	29		23	22	18	14	
			-	29	24		18	19	16	11	
			-	-	-		13	14	13	9	
Allowable Output Speed (Continuous) 容許輸出轉速（連續）		Min (rpm)	19	31	26		15	21	16	14	-
			13	24	20		14	16	14	10	
			-	19	16		11	14	12	8	
			-	-	-		8	11	10	7	
Tilting Stiffness 傾斜鋼度	Nm(arc.min) kgf-m(arc.min)	421 (43)	1068 (109)	1960 (200)			2813 (287)	9800 (1000)	12740 (1300)	24500 (2500)	-
Torsional Stiffness 扭轉鋼度	Nm(arc.min) kgf-m(arc.min)	47 (4.8)	147 (15)	255 (26)			510 (52)	980 (100)	1960 (200)	3430 (350)	-
Max.Lost Motion 最大無效行程	(arc.min)	<2.0	<2.0	<1.0			<1.0	<1.0	<1.0	<1.0	-
Angular Transmission Error 扭轉傳輸中角度偏移量	ATE (arc.sec)	50	50	50			50	50	50	50	-
Backlash 背隙	Standard Backlash 標準背隙	arcmin	<5.0	<4.0	<3.0		<3.0	<3.0	<3.0	<3.0	-
	Precision Backlash 精密背隙		<3.0	<2.0	<1.0		<1.0	<1.0	<1.0	<1.0	-
Maximum Tilting Moment 最大傾斜力矩	Nm kgf-m	1372 (140)	1960 (200)	3528 (360)			4900 (500)	17640 (1800)	39200 (4000)	78400 (8000)	-
Rated Radial Force 額定徑向力	Nm	686	980	1764			2450	8820	20580	34300	-
Max.Axial Force 最大軸向推力	N	5880	8820	11760			13720	19600	29400	39200	-
Start Efficiency 啓動效率	%	65	70	70			80	80	80	80	-
Weight 重量	KG	10.7	20	34			46	100	176	-	-

PS:需要上述速比之外的減速比時，請洽詢本公司，電機轉速超出額定輸入轉速時，運轉噪音將會提高，請注意
減速機容許負載使用表面溫度需低於70℃。
Please contact us for other ratio selections.Please be noted that the noise will be increased when the input speed (RPM:revolution per minute)of motor is higher than rated input speed; the operating temperature and motor service temperature should be under 70℃.

