

TTRD-C 性能表 TTRD-C TECHNICAL SPECIFICATION TABLE

TTRD-C Technical Specification Table					
		TTRD-10C	TTRD-30C	TTRD-50C	
Rotation 轉動方式		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	
		154	84.18	102.4	
		131.5	103.98	126.4	
		—	121.8	148	
		—	161.4	196	
Rated Output Torque 額定輸出扭矩	Nm kgf-m	98 (10)	295 (30)	490 (50)	
Acceleration & Braking Torque 加速和制動扭矩	Nm kgf-m	245 (25)	737 (75)	1225 (125)	
Instantaneous Max. Allowable Torque 瞬時最大容許轉矩	Nm kgf-m	490 (50)	1475 (150)	2450 (250)	
Rated Input Speed 額定輸入轉速	Nr (rpm)	2000	2000	1500	
Rated Output Speed 額定輸出轉速	Nr (rpm)	15	15	15	
Rated Lifetime 額定壽命	Hr	6000	6000	6000	
Maximum Allowable Output Speed(Intermittent) 容許最高輸出轉速 (間歇)	Nmax (rpm)	28	47	38	
		19	36	29	
		—	29	24	
		—	—	—	
Allowable Output Speed (Continuous) 容許輸出轉速 (連續)	Min (rpm)	19	31	26	
		13	24	20	
		—	19	16	
		—	—	—	
Tilting Stiffness 傾斜鋼度	Nm(arc.min) kgf-m(arc.min)	421 (43)	1068 (109)	1960 (200)	
Torsional Stiffness 扭轉鋼度	Nm(arc.min) kgf-m(arc.min)	47 (4.8)	147 (15)	255 (26)	
Max.Lost Motion 最大無效行程	(arc.min)	<2.0	<2.0	<1.0	
Angular Transmission Error 扭轉傳輸中角度偏移量	ATE (arc.sec)	50	50	50	
Backlash 背隙	Standard Backlash 標準背隙	arcmin	<5.0	<4.0	<3.0
	Precision Backlash 精密背隙		<3.0	<2.0	<1.0
Maximum Tilting Moment 最大傾斜力矩	Nm kgf-m	1372 (140)	1960 (200)	3528 (360)	
Rated Radial Force 額定徑向力	Nm	686	980	1764	
Max.Axial Force 最大軸向推力	N	5880	8820	11760	
Start Efficiency 啟動效率	%	65	70	70	
Weight 重量	KG	10.7	20	34	

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°C。

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°C.