

TTRV-C 性能表 TTRV-C TECHNICAL SPECIFICATION TABLE

TTRV-C Technical Specification Table					
Specification 規 格		TTRV-10C	TTRV-30C	TTRV-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		26.625	34.66	31.6	
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)	736 (75)	1225 (125)	
Instantaneous Max. Allowable Torque 瞬時最大容許轉矩	Nm kgf-m	490 (50)	1472 (150)	2450 (250)	
Rated Input Speed 額定輸入轉速	Nr (rpm)	2000	2000	2000	
Rated Lifetime 額定壽命	Hr	6000	6000	6000	
Allowable Max. Input Speed 瞬時容許最高輸出轉速	Nmax (rpm)	3000	3000	3000	
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	(arc.min)	<5.0	<3.0	<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	
(I=GD ² /4)		Input Inertial Kg-m ² 輸入慣量	1.4×10 ⁻⁶	0.75×10 ⁻⁴	1.9×10 ⁻⁴
Weight 重量	KG	6.2	12	21	

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.