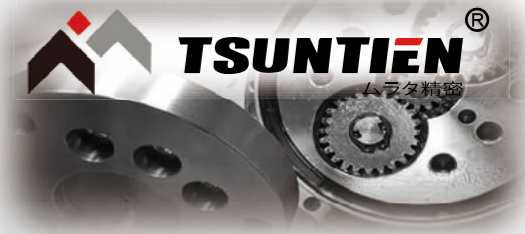


TTRAC-E 性能表

TTRAC-E TECHNICAL SPECIFICATION TABLE



Specification 規格		TTRAC-E Technical Specification Table										TTRAC-E Technical Specification Table												
Rotation 轉動方式		TTRAC-6M		TTRAC-9M		TTRAC-12M		TTRAC-15M			TTRAC-25E		TTRAC-45E		TTRAC-80E		TTRAC-135E		TTRAC-165E		TTRAC-325E		TTRAC-450E	TTRAC-700E
		Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動		Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動	Shaft Run 軸轉動	Case Run 殼轉動	-	-
Ratio 減速比		40	41	50	51	40	41	40	41		40	41	40	41	40	41	50	51	50	51	59	60	-	-
		50	51	60	61	50	51	50	51		50	51	50	51	50	51	60	61	60	61	79	80		
		-	-	-	-	59	60	59	60		59	60	59	60	59	60	79	80	79	80	99	100		
		-	-	-	-	70	71	79	80		-	-	79	80	79	80	99	100	99	100	119	120		
Rated output torque 額定輸出扭矩	Nm kgf-m	60 (6.1)	90 (9.2)	120 (12.2)	150 (15.3)						245 (25)	460 (46.8)	784 (80)	1400 (136)	1615 (165)	3595 (366)							-	-
Acceleration and braking torque 加速和制動扭矩	Nm kgf-m	180 (18.4)	270 (27.5)	360 (36.7)	450 (46)						735 (75)	1380 (140.8)	2352 (240)	4200 (428.4)	4845 (494.2)	10785 (1100)							-	-
Instantaneous maximum allowable torque 瞬時最大允許轉矩	Nm kgf-m	300 (30.6)	450 (46)	600 (61.2)	750 (76.5)						1225 (125)	2300 (234.4)	3920 (400)	7000 (714)	8075 (823)	17975 (1830)							-	-
Rated input speed 額定輸入速度	Nr (rpm)	2000	2000	2000	2000						2000	2000	2000	2000	2000	1500	1500						-	-
Allowable maximum input speed 瞬時容許最高輸入轉速	Nmax (rpm)	3000	3000	3000	3000						3000	3000	3000	3000	2500	2500	2000						-	-
Tilting stiffness 傾斜鋼度	Nm/arc.min kgf-m/arc.min	82 (8.3)	125 (12.8)	160 (16.3)	160 (16.3)						372 (38)	931 (95)	1176 (120)	1800 (183)	2940 (300)	4900 (500)							-	-
Torsional stiffness 扭轉鋼度	Nm/arc.min kgf-m/arc.min	18 (1.8)	26 (2.6)	35 (3.6)	35 (3.6)						49 (5)	108 (11)	196 (20)	361 (37)	392 (40)	980 (100)							-	-
Max. lost motion 最大無效行程	(arc.min)	<3.0	<3.0	<3.0	<3.0						<2.0	<2.0	<1.5	<1.5	<1.5	<1.5							-	-
Angular transmission error 扭轉傳輸中角度偏移量	ATE (arc.sec)	40	40	40	40						40	40	40	40	40	40							-	-
Back lash 背隙	Standard Backlash 標準背隙	(arc.min)																						
	Precision Backlash 精密背隙	<3.0	<3.0	<3.0	<3.0						<5.0	<5.0	<5.0	<5.0	<5.0	<5.0							-	-
Max. tilting moment 最大傾斜力矩	Nm kgf-m	338 (34.5)	470 (48)	650 (66.3)	650 (66.3)						1764 (180)	3332 (340)	4312 (440)	7230 (737)	7840 (800)	14112 (1440)							-	-
Allowable moment 容許力矩	Nm	142	195	280	280						882	1666	2156	3620	3920	7056							-	-
Max. axial force 最大軸向推力	N	1060	1506	2000	2000						3920	5194	7840	13200	14700	19600							-	-
(I=GD ² /4)	Input inertia 輸入慣量 Kg-m ²	1.65×10 ⁻⁶	1.9×10 ⁻⁶	2.6×10 ⁻⁶	2.85×10 ⁻⁶						1.08×10 ⁻⁵	3.75×10 ⁻⁵	8.16×10 ⁻⁵	9.8×10 ⁻⁵	1.9×10 ⁻⁴	6×10 ⁻⁴	-	-						
		1.46×10 ⁻⁶	1.7×10 ⁻⁶	1.9×10 ⁻⁶	2.2×10 ⁻⁶						0.65×10 ⁻⁵	2.4×10 ⁻⁵	6.1×10 ⁻⁵	7.8×10 ⁻⁵	1.8×10 ⁻⁴	5.4×10 ⁻⁴								
		-	-	1.7×10 ⁻⁶	2.05×10 ⁻⁶						0.45×10 ⁻⁵	1.75×10 ⁻⁵	4.9×10 ⁻⁵	6.1×10 ⁻⁵	1.78×10 ⁻⁴	4×10 ⁻⁴								
		-	-	1.66×10 ⁻⁶	1.9×10 ⁻⁶						-	1.5×10 ⁻⁵	4.1×10 ⁻⁵	5.5×10 ⁻⁵	1.51×10 ⁻⁴	2.8×10 ⁻⁴								
Weight 重量	KG	2	2.4	3	4.5						8.3	12	-	-	-	-						-	-	

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.