

Indexing Table Gearbox



Specification	Unit	IT060			IT085		IT130		IT200		IT280	IT350		IT450
Equipped motor type	Nema	28	28/20	20	35	28	57	42	86	57	130	130	110	130
	Servo (W)	50 ~ 100			100~200		200~400		400~750		1000-1500	1000-3000		1000-5500
Bearing type		Crossed Roller Bearing												
Ratio		5	10	18	5	10	10	18	10	18	10	10	18	10
Rotational inertia	Kg.cm ²	3507x10 ⁻⁷			12593x ¹⁰ -7		81556x ¹⁰ -7		361220x ¹⁰ -7		14600x ¹⁰ -5	25500x ¹⁰ -5		80500x ¹⁰ -5
Allowable output torque	Nm	5.2	4.6	1.2	12	10	32	20	70	70	180	320	260	400
Rated output speed	RPM	300			300		200		200		200	150		150
Angle transmission precision	Arc min	2			2		<1.5		<1		<1	<1		<1
Reset positioning precision	Arc Sec	<15			<15		<15		<10		<10	<10		<10
Backlash	Arc min	<1												
Allowable axial load	N	250			500		2000		4000		7000	9000		11000
Allowable moment of inertia	Nm	5			10		50		100		200	300		400
Parallelism of rotating platform	mm	<0.015			<0.02		<0.02		<0.04		<0.03	<0.03		<0.04
Concentricity of rotating platform	mm	0.01			0.01		0.012		0.012		0.015	0.015		0.02
Noise	dB	65			65		65		67		71	73		75
Protection level		IP40												
Weight	Kg	0.6			1.2		2.8		9.6		18	25.5		49