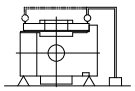
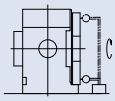
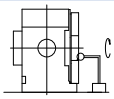
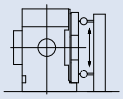
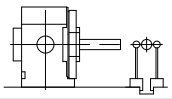
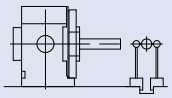
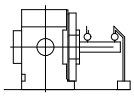
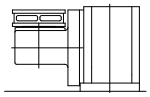
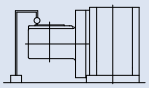
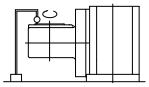
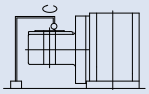
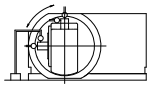
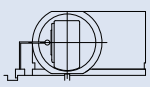
Accuracy Specifications

RCC & RS

No.	Measurement	Method	RS100	RS170 RCC170	RS200 RCC200	RS240 RCC250	RCC320	RCC400
1	Straightness of table top		0.015mm	0.015mm	0.015mm	0.02mm	0.02mm	0.02mm
2	Runout of table top		0.01mm	0.01mm	0.01mm	0.01mm	0.01mm	0.01mm
3	Runout of table reference bore		0.01mm	0.01mm	0.01mm	0.01mm	0.01mm	0.01mm
4	Perpendicularity between table top and reference surface for upright mounting		0.02mm (must not lean forward)	0.02mm (must not lean forward)	0.02mm (must not lean forward)	0.02mm (must not lean forward)	0.02mm (must not lean forward)	0.02mm (must not lean forward)
5	Parallelism between rotary axis and guide blocks for reference surface for upright mounting		0.02mm /150mm	0.02mm /150mm	0.02mm /150mm	0.02mm	0.02mm	0.02mm
6	Deviation between rotary axis and guide blocks for reference surface for upright mounting		0.02mm	0.02mm	0.02mm	0.02mm	0.02mm	0.02mm
7	Parallelism between rotating center and reference surface for upright mounting		0.02mm /150mm	0.02mm /150mm	0.02mm /150mm	0.02mm	0.02mm	0.02mm
8	Indexing accuracy		±15arc.sec	±15arc.sec	±10arc.sec	±10arc.sec	±10arc.sec	±10arc.sec
9	Repeatability		8arc.sec	8arc.sec	4arc.sec	4arc.sec	4arc.sec	4arc.sec

RT

No.	Measurement			Method	RT080	RT100	RT160
1	Straightness of table top				0.01mm over full length	0.01mm over full length	0.01mm over full length
2	Parallelism between table top and bottom surface of base				0.01mm	0.01mm	0.01mm
3	Runout of table top				0.01mm	0.01mm	0.01mm
4	Runout of table reference bore				0.01mm	0.01mm	0.01mm
5	Parallelism between tilt axis center line and bottom surface of base				0.02mm over full length	0.02mm over full length	0.02mm over full length
6	Perpendicularity between table top and guide block				0.02mm	0.02mm	0.02mm
7	Indexing accuracy	Indexing accuracy	Rotary axis		±20arc.sec	±15arc.sec	±15arc.sec
			Tilt axis		±15arc.sec	±10arc.sec	±10arc.sec
8	Repeatability	Repeatability	Rotary axis		8arc.sec	8arc.sec	8arc.sec
			Tilt axis		8arc.sec	4arc.sec	4arc.sec