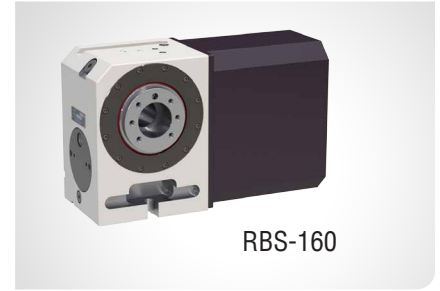


RBS-160, 250, 320

ZERO MAINTENANCE • HIGH TORQUE TRANSFER EFFICIENCY

KOMA Precision, Inc. introduces a new line of high accuracy, high rigidity, energy saving and zero maintenance rotary tables from Tsudakoma. The RBS Series rotary tables are built using the new ball drive system featuring advantages like zero backlash, improved cycle times, energy conservation and a lifetime adjustment-free transmission system.



Specifications ►

Dimensions = mm

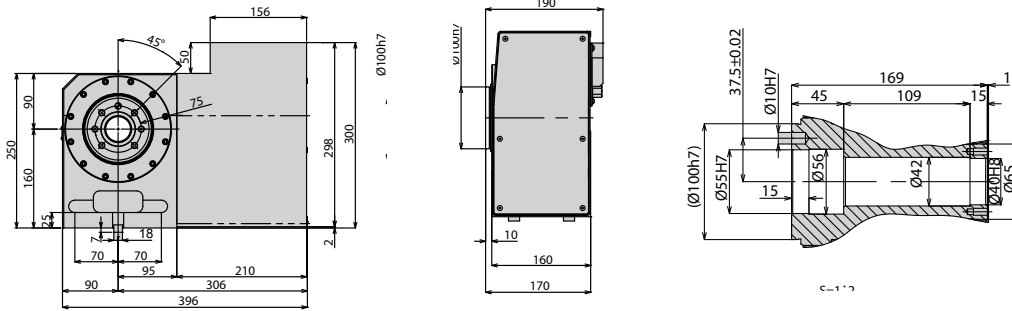
Table Model		RBS-160	RBS-250	RBS-320
Spindle outer diameter	mm	100h7	140h7	180h7
Table diameter (optional)	mm	(160, 200)	250	320
Center height	mm	160	210	255
Center bore	Nose Diameter	55H7	80H7	115H7
	Thru Diameter	40	50	85
Guide block width		14h7	18h7	18h7
Servo motor (For Fanuc)*		Alpha 4i	Alpha 8i	Alpha 12i
Speed reduction ratio		1/36	1/36	1/36
Maximum table speed	rpm	138.9	138.9	111.1
Clamp system		Pneumatic	Pneumatic	Pneumatic
Holding torque @72psi	Nm (ft. lbs.)	700 (516)	1480 (1076)	2580 (1901)
Indexing accuracy	arc sec.	±7.5	±7.5	±7.5
Repeatability	arc sec.	±2	±2	±2
Net Weight	kg (lbs.)	55 (121.2)	100 (220)	200 (440)
Allowable work weight [with tailstock]	 kg (lbs)	100 (200) [200 (440)]	125 (275) [250 (550)]	175 (385) [350 (770)]
	 kg (lbs)	200 (440)	250 (550)	350 (770)

*Other motors & rpm available • Dimensions = mm
Specifications subject to change without notice

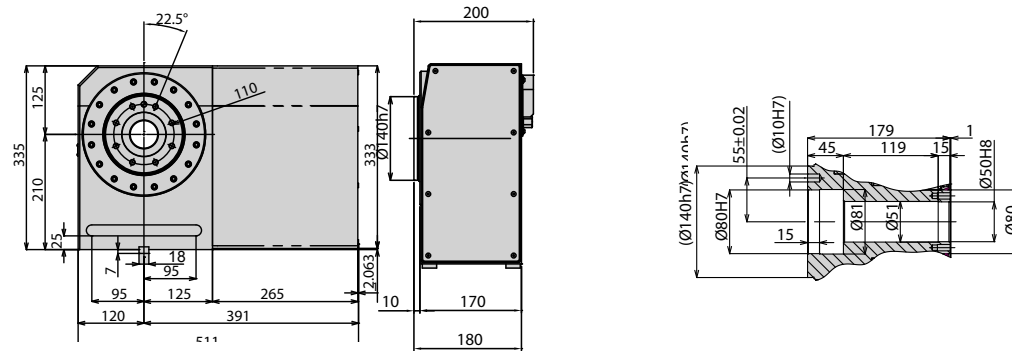
Dimensions ►

Drawings not to scale • Dimensions = mm

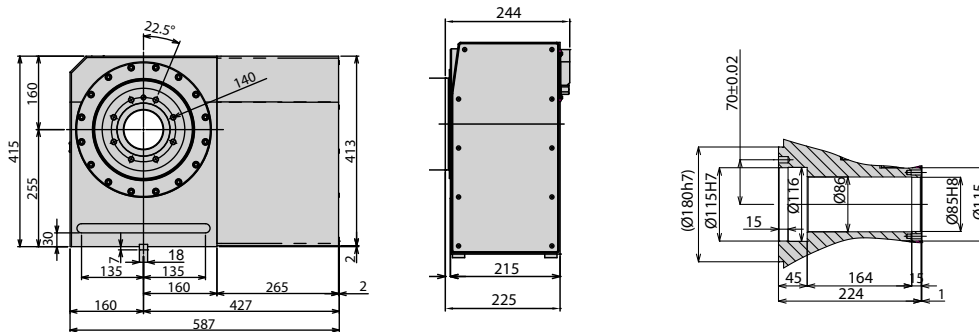
RBS-160



RBS-250



RBS-320



The dimensions above are for tables with a FANUC servo motor. Other motors available (dimensions may increase).

Clamping Block and Bolt ►

Dimensions = mm

	Type	Q'ty	T-Slot Width	A	B	C	D	E	F	G	H	I	J	K	L	M
RBS-160	-	2	14	-	-	-	-	-	-	-	17	8	60	-	23	12
RBS-250	I	4	18	25	12	80	12	33	35	22	21	11	65	40	28	16
RBS-320	I	4	18	30	15	90	16	31	43	25	21	11	70	46	28	16

Options & Accessories

TPC NC Controller	p.68
Chucks	p.79
Tailstock	p.81
Support Spindle	p.81
Face Plate	p.83
Encoder / Scale	p.84
Pull Stud Device	p.85
Rotary Joint	p.85
PVC or Steel Cables	p.86