

CNC ROTARY TABLE



Features:

- Pneumatic / Hydraulic Clamping
- Pre Loaded Axial Radial Roller Bearing
- Gear Mechanism - Motor to Worm Shaft
- Dual Lead Worm Gear set
- Vertical mounting
- Option available with Vertical/Horizontal mounting

Specification

Model		URH-151	URH-170	URH-201	URH-251
Turn Table diameter (mm)		ø150	ø170	ø200	ø250
Table Center height (mm)		110	135	140	160
Center Bore diameter (H7) (mm)		ø40	ø40	ø60	ø60
T-Slot size (mm)	Ref slots (H7)	10x2	12x1	12x2	12x2
	Other slots (H8)	10x2	12x2	12x2	12x6
Tenon Slot size (H7) (mm)		14	14	14	18
Servo Motor Torque (Nm) #		2	3	3	6
Speed Reduction ratio		1:90	1:90	1:90	1:120
Table Gyration angle/pulse		0.001 °	0.001 °	0.001 °	0.001 °
Table Rotation speed (rpm)	(Motor 3000 rpm)	33.3	33.3	33.3	25
Load Capacity (kg)	Horizontal 	100	200	300	350
	Vertical 	60	100	150	180
	With tailstock support 	100	200	300	350
Max. Thrust load (N)	Horizontal 	8000	12000	14000	20000
	Vertical 	2500	4500	5000	7000
Tilting moment (Nm)	Horizontal (FxL) 	400	1000	1200	2000
	Vertical (FxL) 	150	650	700	1300
Clamp Torque (Nm)	Pneumatic @ 5 bar 	150	200	250	400
	Hydraulic @ 30 bar 	250	450	500	600
Driving Torque (Nm)		150	250	250	400
Allowable work Inertia	(kg.m ²) 	0.5	0.8	1.5	2.4
Indexing Accuracy * (Arc Sec)		±20"	±15"	±15"	±15"
Repeatability (Arc Sec)		4"	4"	4"	4"
NetWeight (kg) (approx)		39	45	60	100

* Higher Accuracy ± 5" on request

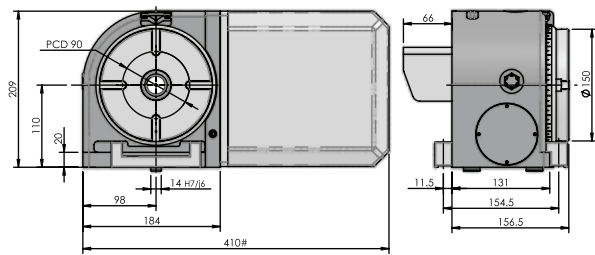
Check motor models on Page No. 70

Option available with pressurisation - Please contact us

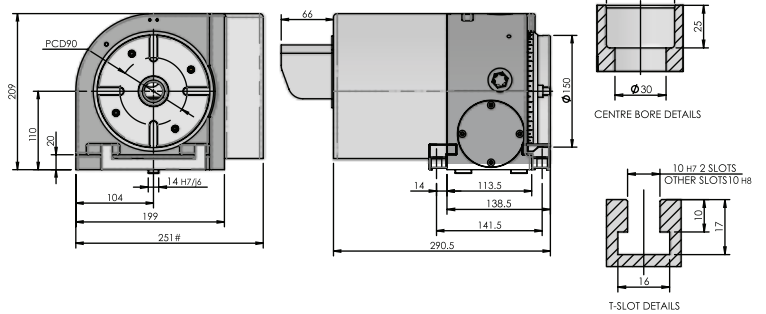
DIMENSIONAL DIAGRAMS



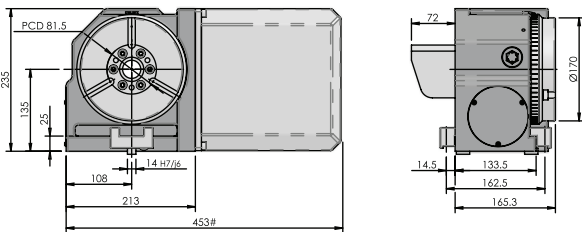
MODEL URH-151 (RIGHT HAND MOTOR MOUNTING)



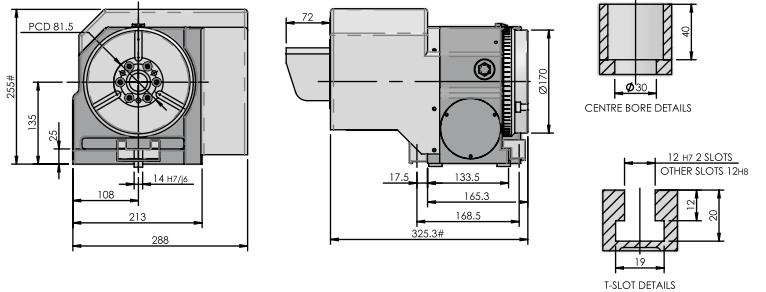
MODEL URH-151 (REAR MOTOR MOUNTING)



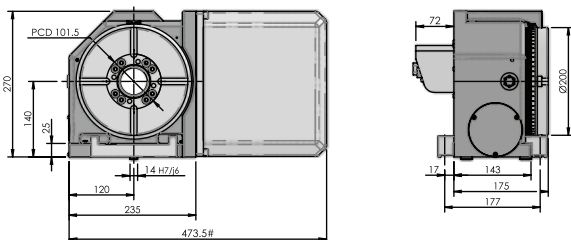
MODEL URH-170 (RIGHT HAND MOTOR MOUNTING)



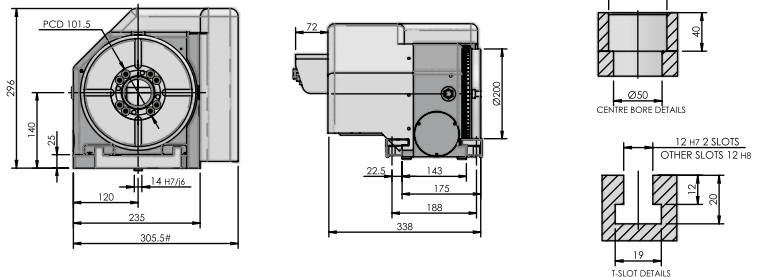
MODEL URH-170 (REAR MOTOR MOUNTING)



MODEL URH-201 (RIGHT HAND MOTOR MOUNTING)

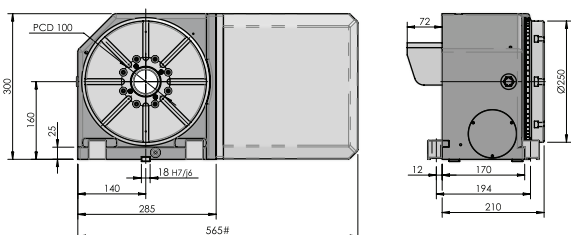


MODEL URH-201 (REAR MOTOR MOUNTING)

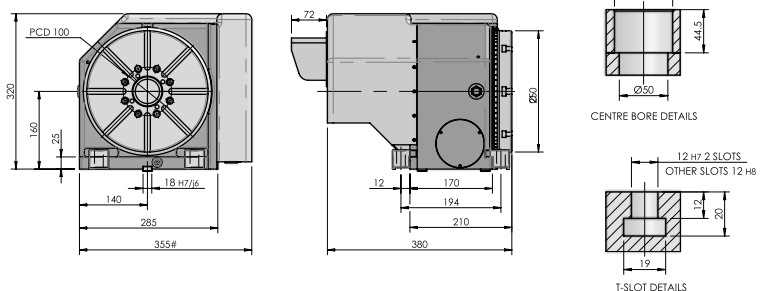


Left hand Motor Mounting also available.

MODEL URH-251 (RIGHT HAND MOTOR MOUNTING)



MODEL URH-251 (REAR MOTOR MOUNTING)



Left hand Motor Mounting also available.

Dimensions marked as # may vary according to the motor being used.