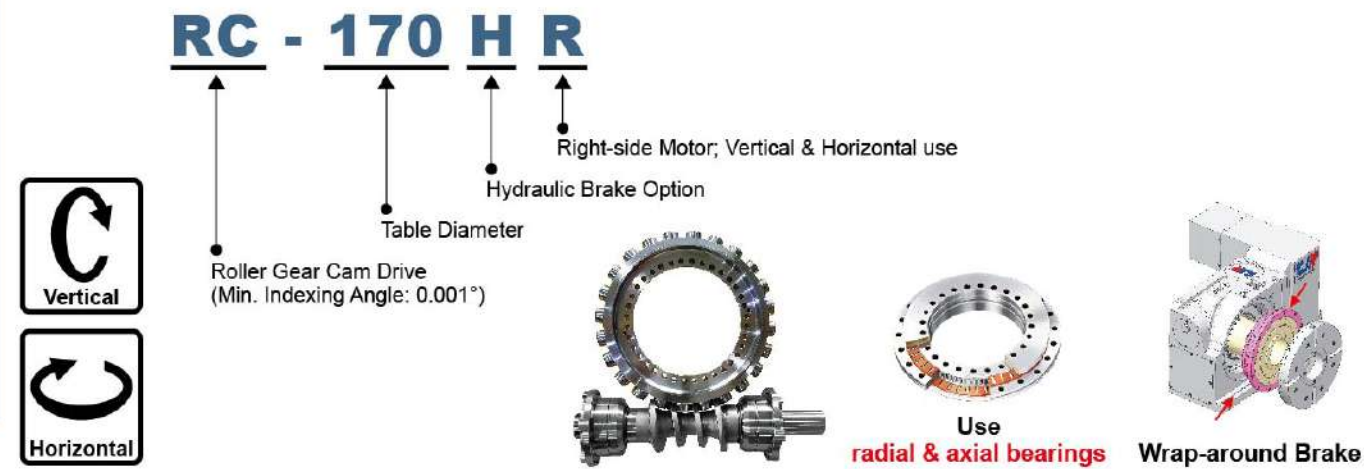


RC Series (Pneumatic / Hydraulic Brake)



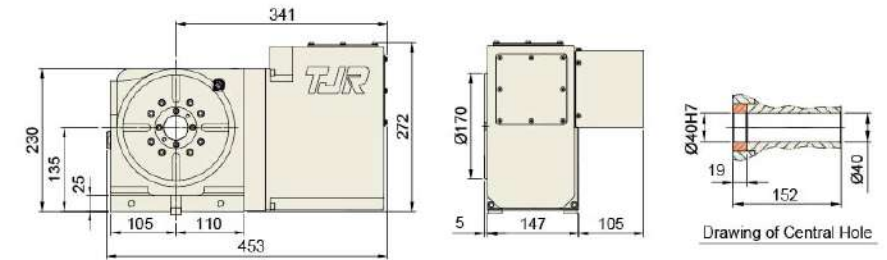
Item / Model	Unit	RC-170(H)R	RC-210(H)R RC-250(H)R	RC-255R	RC-320R	RC-400R
Table Diameter	mm	Ø170	Ø210 / Ø250	Ø255	Ø320	Ø400
Inner Diameter of Mandrel Sleeve	mm	Ø40H7	Ø40H7	Ø80H7	Ø120H7 x 35 deep	Ø120H7
Diameter of Center Through Hole	mm	Ø40	Ø40	Ø80	Ø105	Ø120
Center Height (Vertical)	mm	135	160	160	210	255
Table Height (Horizontal)	mm	152	152 / 185	200	235	250
Table T-slot Width	mm	12H7	12H7	12H7	14H7	14H7
Guide Block Width	mm	18h7	18h7	18h7	18h7	18h7
Min. Increment	deg.	0.001	0.001	0.001	0.001	0.001
Indexing Precision	sec.	30	30	20	20	20
Repeatability	sec.	6	6	6	6	6
Clamping System : Pne. 0.6(6) / Hyd. 3.5(35)	MPa (kgf/cm ²)	Pne. Hyd.	Pne. Hyd.	Hyd.	Hyd.	Hyd.
Clamping torque (※1)	N·m (kgf·m)	304 (31)	491 (50)	687 (70)	1128 (115)	1962 (200)
Servo Motor Type	FANUC	Straight shaft without key	αiF8 / βis8	αiF8 / βis8	αiF8 / βis12	αiF12 / βis22
	MITSUBISHI	Straight shaft without key	HG - 54 / 104	HG - 54 / 104	HG - 154	HG - 204
Speed Reduction Ratio	-	1 / 36	1 / 36	1 / 60	1 / 90	1 / 90
Max. Rotation Rate of Table (※2)	min ⁻¹	83.3	83.3	50	33.3	33.3
Allowable Inertia Load Capacity (Vertical)	kg·m ²	0.63	0.63	1.2	3.15	6.25
Allowable Workpiece Load	Vertical (with support table)	kg	75	75	100	150
	Horizontal	kg	150	150	250	350
	Horizontal	kg	150	150	250	350
Allowable Thrust Load (with Rotary Table Clamping)	F	N (kgf)	14225 (1450)	14225 (1450)	19620 (2000)	29430 (3000)
	FxL	N·m (kgf·m)	1079 (110)	1079 (110)	1472 (150)	2943 (300)
	FxL	N·m (kgf·m)	304 (31)	304 (31)	687 (70)	1128 (115)
Driving Torque	N·m (kgf·m)	363 (37)	363 (37)	540 (55)	1050 (107)	1373 (140)
Net Weight (without motor)	kg	44	52 / 62	110	187	-

※1 : If a mechanical brake is not used, this value will correspond to the motor's holding torque.

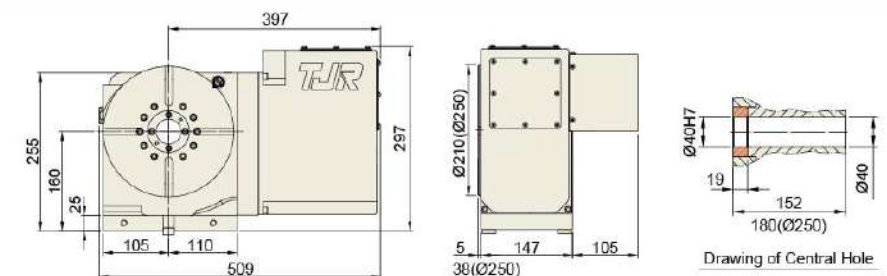
※2 : The structural limit value, while the actual operating speed will vary depending on the motor.

※3 : Roller gear cam or D.D. rotary tables may lose position after power loss or alarm, causing axis shift at restart. Use a brake motor (cover size may vary).

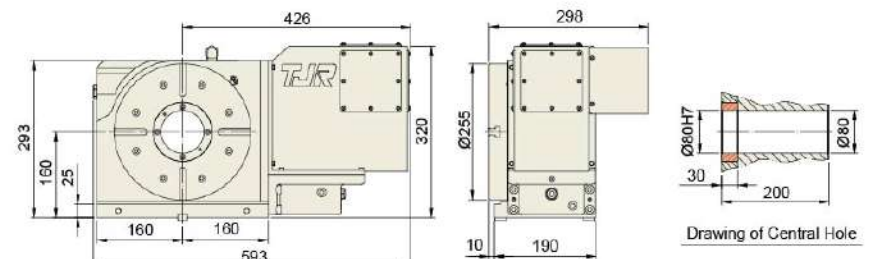
RC-170(H)R



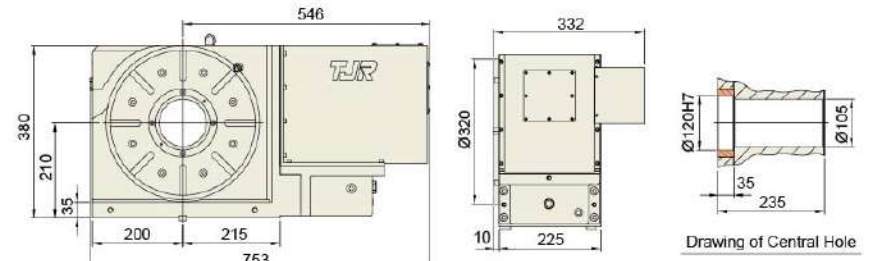
RC-210(H)R / RC-250(H)R



RC-255R



RC-320R



RC-400R

