



Rear Motor Mount Rotary Tables

- ▶ Add 4th axis versatility to your small machining centers
- ▶ Motor mounted behind table; unit fits in tight work envelopes
- ▶ Double lead worm system
- ▶ Can be setup as full 4th axis or as an indexer

Rear Motor Mount Rotary Tables					
Item/Model No.		DR-172B	DR-202B	DR-252B	
Diameter of Table	mm / inch	Ø170 / 6.69"	Ø200 / 7.87"	Ø250 / 9.84"	
Diameter of Thru-hole	mm / inch	Ø30 / 1.18"	Ø30 / 1.18"	Ø35 / 1.37"	
Center Height in Vertical	mm / inch	135 / 5.31"	135 / 5.31"	185 / 7.28"	
Overall Height in Vertical	mm / inch	310 / 12.20"	310 / 12.20"	322 / 12.67"	
Overall Height in Horizontal	mm / inch	-	-	-	
Width of T Slot	mm	12 ^{H7}	12 ^{H7}	12 ^{H7}	
Width of Guide Block	mm	18 ^{H7}	18 ^{H7}	18 ^{H7}	
Servo Motor Type	FANUC	α4i	α4i	α8i	
	MITSUBISHI	HF-103	HF-103	HF-153	
	SIEMENS	1FK7060	1FK7060	1FK7063	
	HEIDENHAIN	QSY116E	QSY116E	QSY116E	
Total Reduction Ratio		1:90	1:90	1:90	
MIN. Increment	deg.	0.001°	0.001°	0.001°	
MAX. Rotation Speed (Motor:2000 RPM)	RPM	22.2	22.2	22.2	
Clamping Torque	Pneumatic System:6kg/cm ²	kgf•m / ft•lb	25 / 180	25 / 180	47 / 340
	Hydraulic System:20kg/cm ²		50 / 362	50 / 362	94 / 680
Indexing Accuracy		sec.	25"	25"	15"
Repeatability Accuracy	Unidirectional	sec.	8"	8"	4"
	Bidirectional		16"	16"	8"
N.W.		kg / lbs	75 / 165	75 / 165	124 / 273
MAX. Work Load	Vertical	kg / lbs	100 / 220	100 / 220	125 / 275
	Horizontal	kg / lbs	-	-	-
MAX. Thrust Load	F	kg / lbs	822 / 1812	822 / 1812	1208 / 2663
	FxL	kgf•m / ft•lb	13 / 94	13 / 94	18 / 130
	FxL	kgf•m / ft•lb	50 / 361	50 / 361	72 / 520
Driving Torque		kgf•m / ft•lb	23 / 166	23 / 166	45 / 325