



Standard Rotary Tables

- ▶ Double lead worm system
- ▶ Long term indexing accuracy
- ▶ Multi-point brake system allows for heavy cutting
- ▶ Can be setup as full 4th axis or as an indexer

Standard Rotary Tables												
Item/Model No.		DR-122R	DR-152R	DR-172R	DR-202R	DR-252R	DR-322R	DR-402R	DR-502R	DR-632R	DR-802R	
Diameter of Table	mm / inch	Ø120 / 4.72"	Ø150 / 5.90	Ø170 / 6.69"	Ø200 / 7.87"	Ø250 / 9.84"	Ø320 / 12.59"	Ø400 / 15.74"	Ø500 / 19.69"	Ø630 / 24.80"	Ø800 / 31.50"	
Diameter of Thru-hole	mm / inch	Ø30 / 1.18"	Ø30 / 1.18"	Ø35 / 1.37"	Ø35 / 1.37"	Ø70 / 2.75"	Ø110 / 4.33"	Ø150 / 5.90"	Ø180 / 7.08"	Ø254 / 10"	Ø300 / 11.81"	
Center Height in Vertical	mm / inch	120 / 4.72"	120 / 4.72"	135 / 5.31"	135 / 5.31"	185 / 7.28"	210 / 8.26"	250 / 9.84"	310 / 12.2"	400 / 15.74"	480 / 18.89"	
Overall Height in Vertical	mm / inch	205 / 8.07"	205 / 8.07"	247 / 9.72"	247 / 9.72"	322 / 12.67"	387 / 15.23"	460 / 18.11"	570 / 22.44"	725 / 28.54"	880 / 34.64"	
Overall Height in Horizontal	mm / inch	155 / 6.10"	155 / 6.10"	165 / 6.49"	165 / 6.49"	200 / 7.87"	240 / 9.45"	250 / 9.84"	290 / 11.42"	320 / 12.60"	340 / 13.39"	
Width of T Slot	mm	10 ^{H7}	10 ^{H7}	12 ^{H7}	12 ^{H7}	12 ^{H7}	14 ^{H7}	14 ^{H7}	18 ^{H7}	18 ^{H7}	20 ^{H7}	
Width of Guide Block	mm	14 ^{H7}	14 ^{H7}	18 ^{H7}	18 ^{H7}	18 ^{H7}	18 ^{H7}	18 ^{H7}	18 ^{H7}	18 ^{H7}	22 ^{H7}	
Servo Motor Type	FANUC	α2i	α2i	α4i	α4i	α8i	α12i	α12i	α22i	α22i	α22i	
	MITSUBISHI	HF-44	HF-44	HF-103	HF-103	HF-153	HA-100NC	HA-100NC	HA-200NC	HA-200NC	HA-200NC	
	SIEMENS	1FK7042	1FK7042	1FK7060	1FK7060	1FK7063	1FK7083	1FK7083	1FK7101	1FK7101	1FK7101	
	HEIDENHAIN	QSY96G	QSY96G	QSY116E	QSY116E	QSY116E	QSY155B	QSY155B	QSY155D	QSY155D	QSY155D	
Total Reduction Ratio		1:60	1:60	1:90	1:90	1:90	1:90	1:90	1:180	1:180	1:180	
MIN. Increment	deg.	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	
MAX. Rotation Speed(Motor:2000 RPM)	RPM	33.3	33.3	22.2	22.2	22.2	22.2	22.2	11.11	11.11	11.11	
Clamping Torque	Pneumatic System:6kg/cm ²	kgf•m / ft•lb	12 / 87	12 / 87	25 / 180	25 / 180	47 / 340	71 / 514	92 / 665	125 / 905	350 / 2532	370 / 2676
	Hydraulic System:20kg/cm ²		N/A	N/A	50 / 362	50 / 362	94 / 680	142 / 1027	184 / 1330	250 / 1808	700 / 5063	740 / 5352
Indexing Accuracy	sec.	60"	60"	25"	25"	15"	15"	15"	15"	15"	15"	
Repeatability Accuracy	Unidirectional	sec.	8"	8"	8"	8"	4"	4"	4"	4"	4"	
	Bidirectional		16"	16"	16"	16"	8"	8"	8"	8"	8"	
N.W.	kg / lbs	28 / 62	28 / 62	75 / 165	75 / 165	124 / 273	210 / 463	330 / 728	480 / 1058	830 / 1830	1150 / 2535	
MAX. Work Load	Vertical	kg / lbs	35 / 77	35 / 77	100 / 220	100 / 220	125 / 275	150 / 330	300 / 662	350 / 772	400 / 882	550 / 1212
	Horizontal	kg / lbs	75 / 165	75 / 165	200 / 441	200 / 441	300 / 662	350 / 772	500 / 1102	600 / 1323	800 / 1764	1050 / 2315
MAX. Thrust Load	F	kgf / lbf	600 / 1323	600 / 1323	822 / 1812	822 / 1812	1208 / 2663	1375 / 3031	1585 / 3494	1880 / 4145	2080 / 4586	2320 / 5115
	FxL	kgf•m / ft•lb	6 / 43	6 / 43	13 / 94	13 / 94	18 / 130	26 / 188	36 / 260	89 / 644	185 / 1338	220 / 1591
	FxL	kgf•m / ft•lb	12 / 87	12 / 87	50 / 362	50 / 362	72 / 521	92 / 665	122 / 882	165 / 1193	228 / 1649	275 / 1989
Driving Torque	kgf•m / ft•lb	12 / 87	12 / 87	23 / 166	23 / 166	45 / 325	78 / 564	160 / 1157	230 / 1664	330 / 2387	380 / 2749	