- Technical Specifications (For Fanuc Motor)

AR Rotary Table Model Faceplate Diameter (reference)			AR-170[a] 6.5"	AR-200[a] 7.9"	AR-250[a] 9.8"	AR-320[a] 12.6"
Right Hand			STD	STD	STD	STD
Left Hand			OPTION	OPTION	OPTION	OPTION
Table diameter (mm)			Ø 165	Ø 202	Ø 250	Ø 320
Table register diameter (mm)			Ø 50H7	Ø 65H7	Ø 100H7	Ø 103H7
Spindle through hole diameter (mm)			Ø 40	Ø 45	Ø 70	Ø 105
Center height (mm)			140	140	180	225
Clamping method			Pneumatic	Pneumatic	Pneumatic	Pneumatic
Clamping torque (N-m), pneumatic 0.5MPa			310	350	600	1200
Servomotor for FANUC α specification			α2/5000i	α4/4000i	α4/4000i	α8/3000i
Servomotor for FANUC αC specification			αC2/5000i	αC4/4000i	αC4/4000i	αC8/3000i
Servomotor for FANUC β specification			β4/4000is	B8/3000is	β8/3000is	β8/3000is
Servo amplifier for (FANUC α specification)			A06B-6114-H103	A06B-6114-H104	A06B-6114-H104	A06B-6114-H104
Servo amplifier for (FANUC αC specification)			A06B-6114-H103	A06B-6114-H103	A06B-6114-H103	A06B-6114-H103
Servo amplifier for (FANUC β specification)			A06B-6130-H002	A06B-6130-H002	A06B-6130-H002	A06B-6130-H002
Gear ratio			1/72	1/90	1/90	1/120
Max spindle speed for motor 3000 RPM			41.6	33.3	33.3	25
Allowable work inertia (kg • m^2)			0.51	1.00	1.95	4.49
Indexing accuracy (arc-sec)			20	20	20	20
Repeatability (arc-sec)			4	4	4	4
Mass of product (kg)			41	61	85	135
T-Slotted faceplate (as an option)			Option	Option	Option	Option
Manual Tailstock (as an option)			Option	Option	Option	Option
Tail Spindle with brake (as an option)			Option	Option	Option	Option
Rotary Joint (as an option)			Option	Option	Option	Option
Allowable Load	Horizontal (kg)		160	200	250	350
	Vertical (kg		80	100	125	180
Allowable load	F (kN)		10	17	21	25
	FXL (N•m)		600	1100	1600	2400
	FXL (N•m)		310	350	600	1200
Allowable cutting torque	T (N•m)		220	270	480	800

- Layout Dimensions (For Fanuc and ATS standard motor)