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THE KEY TO PERFORMANCE
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TSUDAKOMA

Rotary Table Selection Guide

2022



WE FOCUS ON BEING THE BEST—
that's why leading companies choose Koma.

WE ARE THE EXCLUSIVE NORTH AMERICAN
IMPORTER, NATIONAL DISTRIBUTOR, AND
SERVICE CENTER FOR TSUDAKOMA ROTARY TABLES.

HYUNDAI
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KOMA PRECISION

For over forty years Koma Precision has been the foremost source for the finest the world has to offer in machine tool Productivity Innovation.

With over 30,000 rotary table installations, Koma is the largest distributor of Tsudakoma NC rotary tables and indexers in the world. With over 12,000 angle heads and live tools installed, Koma is the world's largest supplier for Alberti - the originator and the foremost innovator of productivity tooling.





RWE SERIES



RWA SERIES



RBS SERIES



RN-100R-2,3,4



RWB SERIES



RWE INDEXERS



TWA SERIES

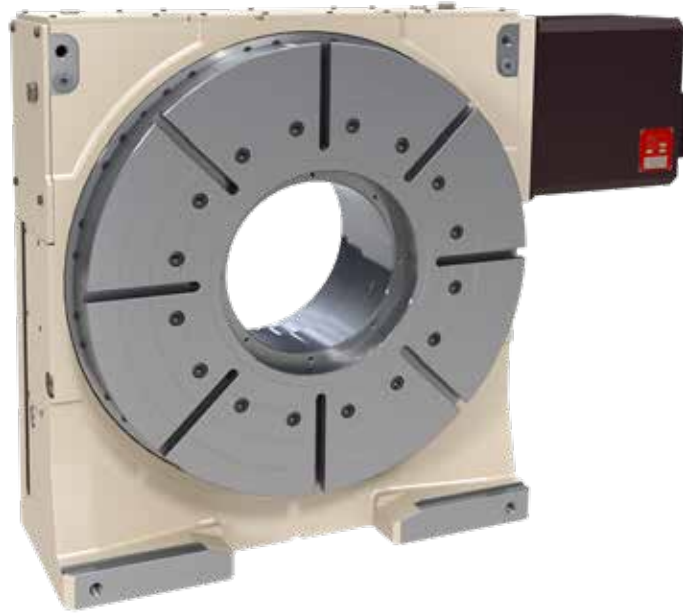


TBS SERIES



5TH AXIS TILTING
RTT-111, CA

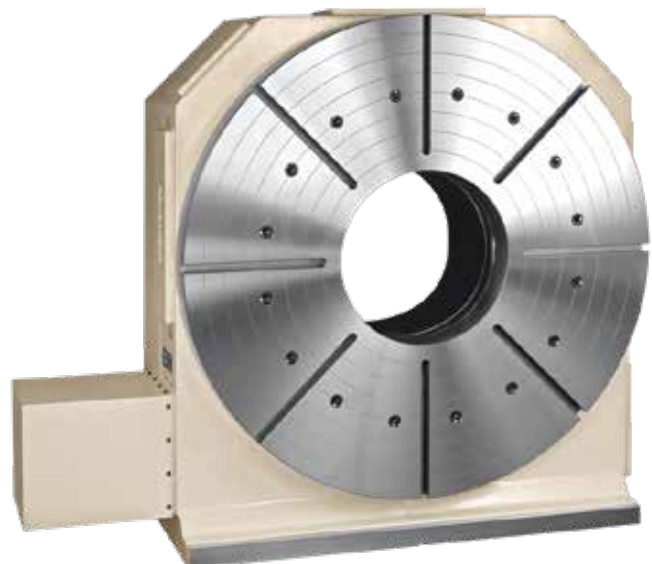
ROTARY TABLES



RCV SERIES



RNCK SERIES



RNCV SERIES

i-CUT SERIES

i-CUT 400T/M			
RWE SERIES	RWE-160		
RWA SERIES	RWA-160		
RBS SERIES	RBS-160		
RWE INDEXERS	RWE-160 TPC		
RN MULTI SERIES	RN-100R-2	RN-100R-3	
TWA SERIES	TWA-130		
TBS SERIES	TBS-130		
5 th AXIS TILTING	RTT-111, CA		
i-CUT 450T			
RWE SERIES	RWE-160	RWE-200	
RWA SERIES	RWA-160	RWA-200	
RBS SERIES	RBS-160		
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC	
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4
TWA SERIES	TWA-130		
TBS SERIES	TBS-130		
5 th AXIS TILTING	RTT-111, CA		
i-CUT 400TD			
RWE SERIES	RWE-160	RWE-200	
RWA SERIES	RWA-160	RWA-200	
RBS SERIES	RBS-160		
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC	
RN MULTI SERIES	RN-100R-2	RN-100R-3	



i-CUT400M



i-CUT450T



i-CUT400TD

FD SERIES

F410D				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200		
RBS SERIES	RBS-160			
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RN MULTI SERIES	RN-100R-2			
TWA SERIES	TWA-130			
TBS SERIES	TBS-130			
5 th AXIS TILTING	RTT-111, CA			
F500D				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320		
RN MULTI SERIES	RN-100R-2			
TWA SERIES	TWA-130	TWA-160		
TBS SERIES	TBS-130	TBS-160		
5 th AXIS TILTING	RTT-111, CA			
F600D				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320		
RN MULTI SERIES	RN-100R-2	RN-100R-3		
TWA SERIES	TWA-130	TWA-160	TWA-200	
TBS SERIES	TBS-130	TBS-160		
5 th AXIS TILTING	RTT-111, CA			



F410D



F500D



F600D

F450				
RWA SERIES	RWA-160	RWA-200	RWA-250	
RBS SERIES	RBS-160	RBS-250		
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250			
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130			
TBS SERIES	TBS-130			
5 th AXIS TILTING	RTT-111, CA			
F500 F500/50 F500 PLUS				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	
RBS SERIES	RBS-160	RBS-250		
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250			
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160		
TBS SERIES	TBS-130	TBS-160		
5 th AXIS TILTING	RTT-111, CA			
F650/50 F650 PLUS F850 6500				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	
RBS SERIES	RBS-160	RBS-250		
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320		
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160A	TWA-200	
TBS SERIES	TBS-130	TBS-160		
5 th AXIS TILTING	RTT-111, CA			



F400



F500 | F500/50



F650

HIGH SPEED MACHINING

KF4600				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	
RBS SERIES	RBS-160	RBS-250		
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320		
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160A	TWA-200	
TBS SERIES	TBS-130	TBS-160	TBS-200	
5 th AXIS TILTING	RTT-111, CA			
KF5600 KF5600C				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250		
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320		
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160A	TWA-200	
TBS SERIES	TBS-130	TBS-160	TBS-200	
5 th AXIS TILTING	RTT-111, CA			
KF6700				
RWE SERIES	RWE-200			
RWA SERIES	RWA-200	RWA-250	RWA-320	
RBS SERIES	RBS-250			
RWE INDEXERS	RWE-200 TPC			
RWB SERIES	RWB-250	RWB-320	RWB-400	
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-200			
TBS SERIES	TBS-200			
5 th AXIS TILTING	RTT-111, CA			



KF4600



KF5600



KF6700

F510B				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250			
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130			
TBS SERIES	TBS-130			
5 th AXIS TILTING	RTT-111, CA			
F600B				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250			
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160	TWA-200	
TBS SERIES	TBS-130	TBS -160	TBS-200	
5 th AXIS TILTING	RTT-111, CA			



F510B



F600B

HEAVY DUTY CUTTING

F750B				
RWE SERIES	RWE-200			
RWA SERIES	RWA-200	RWA-250	RWA-320	RWA-400
RBS SERIES	RBS-250	RBS-320		
RWE INDEXERS	RWE-200 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320	RWB-400	
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160	TWA-200	
TBS SERIES	TBS-130	TBS-160	TBS-200	
5 th AXIS TILTING	RTT-111, CA			
F960B				
PLEASE CALL				
KF6700B KF5700B KF7600L				
PLEASE CALL				



F750B



F960B

F550M				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250			
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160		
TBS SERIES	TBS-130	TBS-160		
5 th AXIS TILTING	RTT-111,CA			
F660M				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250			
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160		
TBS SERIES	TBS-130	TBS-160		
5 th AXIS TILTING	RTT-111, CA			



F550M



F660M

MOLD MACHINING

HI-MOLD450				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320	RWB-400	
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160	TWA-200	
TBS SERIES	TBS-130	TBS-160	TBS-200	
5 th AXIS TILTING	RTT-111, CA			
HI-MOLD560				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320	RWB-400	
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160	TWA-200	
TBS SERIES	TBS-130	TBS-160	TBS-200	
5 th AXIS TILTING	RTT-111, CA			
HI-MOLD6500				
RWE SERIES	RWE-160	RWE-200		
RWA SERIES	RWA-160	RWA-200	RWA-250	RWA-320
RBS SERIES	RBS-160	RBS-250	RBS-320	
RWE INDEXERS	RWE-160 TPC	RWE-200 TPC		
RWB SERIES	RWB-250	RWB-320	RWB-400	
RN MULTI SERIES	RN-100R-2	RN-100R-3	RN-100R-4	
TWA SERIES	TWA-130	TWA-160	TWA-200	
TBS SERIES	TBS-130	TBS-160	TBS-200	
5 th AXIS TILTING	RTT-111, CA			
KF760BM				
PLEASE CALL				

HS4000			
RWB SERIES	RWB-250K	RWB-320K	
HS5000 HS5000M			
RWB SERIES	RWB-320K	RWB-400K	
HS6300 HS8000			
RNCK SERIES	RNCK-631		
RWB SERIES	RWB-400K	RWB-500K	

Additional Options Available



HS4000



HS6300

KH SERIES

KH50G		
RWB SERIES	RWB-250K	RWB-320K
KH63G		
RWB SERIES	RWB-320K	RWB-400K
KH80G		
RNCK SERIES	RNCK-631	
RWB SERIES	RWB-400K	RWB-500K
KH1000		
RCV SERIES	RCV-800K	
KBN135/135C		
RNCV SERIES	RNCV-1501	



KH50G



KH1000



KBN135C

RN-Multi, & RWE-Series

Table Model		RN-100-2,3,4	RWE-160	RWE-200
Versions available		R, L	R, L	R, L
Spindle outer diameter		80h7	100h7	120h7
Table diameter (optional)		(115)	(160, 200)	(200, 250)
Center height		135	135	160
Center bore	Nose Diameter	50H7	55H7	65H7
	Thru Diameter	30	40	45
Table T-slot width (with face plate)		-	(12H8)	(12H8)
Minimum spindle center distance		120	-	-
Guide block width		18h7	14h7	18h7
Servo motor (Fanuc)*		Alpha 4i	Alpha 2i	Alpha 4i
Maximum motor speed	rpm	5,000	5,000	5,000
Speed reduction ratio		1/36	1/72	1/72
Number of spindles		2 3 4	-	-
Maximum table speed	rpm	138.9	69.4	69.4
Inertia converted into motor shaft	$\times 10^{-3}\text{kg}\cdot\text{m}^2$	.64 .92 1.06	.09	.17
Clamp system		Pneumatic	Pneumatic Disc Clamp	
Clamp torque @72psi	Nm (ft. lbs.)	80 (59)	250 (180)	400 (295)
Indexing accuracy	arc sec.	± 30	± 12.5	± 10
Net Weight	kg (lbs.)	70-110(154-242)	40 (88)	61 (135)
Allowable wheel torque	Nm (ft. lbs.)	176 (130)	206 (152)	288 (212)
Allowable work inertia	kg-m ²	.10	.64	1.25
Allowable work weight	 kg (lbs) [w/ tailstock]	25 (55) [50 (110)]	100 (220) [200 (441)]	125 (275) [250 (551)]
	 kg (lbs)	50 (110)	-	-
Allowable load when table clamped	 N (lbf)	5,880 (1,317)	10,800 (2,419)	14,400 (3,226)
	 Nm (ft. lbs.)	80 (59)	500 (369)	800 (590)
	 Nm (ft. lbs.)	156 (115)	780 (575)	1,900 (1,400)

* Other motors & RPM available

** Booster optional

Dimensions = mm

Specifications subject to change without notice

ROTARY TABLE SPECIFICATIONS

RWA & RBS-Series

Table Model		RWA-160	RWA-200	RWA-250 (S)	RWA-320 (S)	RBS-160	RBS-250	RBS-320
Versions available		R, L	R, L	R, L	R, L	R	R	R
Spindle outer diameter		100h7	120h7	140h7	180h7	100h7	140h7	180h7
Table diameter (optional)		(160, 200)	(200, 250)	250	320	(160, 200)	250	320
Center height		135	160	160	210	160	210	255
Center bore	Nose Diameter	55H7	65H7	80H7	115H7	55H7	80H7	115H7
	Thru Diameter	40	45	50	85	40	50	85
Table T-slot width (with face plate)		(12H8)	(12H8)	12H8	14H7	12H8	12H8	14H8
Guide block width		14h7	18h7	18h7	18h7	14h7	18h7	18h7
Servo motor (Fanuc)*		Alpha 2i	Alpha 4i	Alpha 8i (8is)	Alpha 8i (22is)	Alpha 4i	Alpha 8i	Alpha 12i
Maximum motor speed rpm		5,000	5,000	4,000 (4,000)	4,000 (4,000)	5,000	4,000	4,000
Speed reduction ratio		1/72	1/72	1/90 (1/45)	1/120 (1/45)	1/36	1/36	1/36
Maximum table speed rpm		69.4	69.4	44.4 (88.9)	33.3 (88.9)	138.9	111.1	111.1
Inertia converted into motor shaft $\times 10^{-3}\text{kg}\cdot\text{m}^2$		.09	.17	.41 (.44)	.52 (1.66)	.09	.17	.41
Clamp system		Pneumatic Dual Taper				Pneumatic Disc Clamp		
Clamp torque @72psi Nm (ft. lbs.)		500 (369)	800 (590)	1,000 (737)	1,500 (1,106)	700 (516)	1480 (1076)	2580 (1901)
Indexing accuracy arc sec.		± 12.5	± 10	± 10	± 10	± 12.5	± 10	± 10
Net Weight kg (lbs.)		38 (84)	61 (134)	80 (176)	145 (319)	44 (97)	62 (136)	107 (235)
Allowable wheel torque Nm (ft. lbs.)		206 (152)	288 (212)	596 (439)	939 (692)	206 (152)	288 (212)	565 (416)
Allowable work inertia $\text{kg}\cdot\text{m}^2$		.64	1.25	1.95	4.48	.48	1.25	1.95
Allowable work weight	 kg (lbs) [w/ tailstock]	100 (220) [175 (385)]	125 (275) [250 (550)]	125 (275) [250 (550)]	175 (385) [375 (825)]	75 (165) [150 (330)]	100 (220) [250 (550)]	100 (220) [250 (550)]
	 kg (lbs)	200 (440)	250 (550)	250 (550)	350 (770)	-	-	-
Allowable load when table clamped	 N (lbf)	10,800 (2,419)	14,400 (3,226)	14,400 (3,226)	24,800 (5,555)	7,840 (1,762)	13,720 (3,085)	250 (550)
	 Nm (ft. lbs.)	500 (369)	800 (590)	1,000 (737)	1,500 (1,106)	250 (180)	400 (295)	13,720 (3,073)
	 Nm (ft. lbs.)	780 (575)	1,900 (1,400)	1,900 (1,400)	4,700 (3,464)	392 (290)	980 (723)	600 (442)

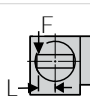
* Other motors & RPM available

** Booster optional

Dimensions = mm

Specifications subject to change without notice

RWB-Series

Table Model		RWB-250	RWB-320	RWB-400	RWB-500
Versions available		R, L	R, L	R, L	R, L
Table diameter		250	320	400	500
Center height		160	210	255	310
Center bore	Nose Diameter	105	150	200	220
	Thru Diameter	80	120	160	182
Table T-slot width		12H7	14H7	14H7	18H7
Guide block width		18h7			
Servo motor (Fanuc)*		Alpha 8i	Alpha 12i	Alpha 12i	Alpha 12i
Maximum motor speed	rpm	4,000	4,000	4,000	4,000
Speed reduction ratio		1/90	1/90	1/90	1/180
Maximum table speed	rpm	44.4	44.4	44.4	22.2
Inertia converted into motor shaft	$\times 10^{-3} \text{kg}\cdot\text{m}^2$	1.27	3.53	4.63	3.00
Clamp system**		Hydraulic			
Clamp torque @500psi	Nm (ft. lbs.)	1,300 (958)	3,100 (2,284)	5,500 (4,053)	6,100 (4,496)
Indexing accuracy	arc sec.	± 7			
Net Weight	kg (lbs.)	125 (286)	250 (550)	360 (792)	620 (1,364)
Allowable wheel torque	Nm (ft. lbs.)	1,011 (745)	2,127 (1,567)	3,958 (2,917)	3,276 (2,414)
Allowable work inertia	$\text{kg}\cdot\text{m}^2$	7.0	19.2	36	112
Allowable work weight	 kg (lbs) [w/ tailstock]	175 (385) [350 (770)]	550 (250) [1,100 (500)]	660 (300) [1,320 (600)]	1,320 (600) [2,460 (1,200)]
	 kg (lbs)	350 (770)	1,100 (500)	1,320 (600)	2,640 (1,200)
Allowable load when table clamped	 N (lbf)	35,000 (7,700)	89,000 (19,580)	109,000 (23,980)	240,000 (52,800)
	 Nm (ft. lbs.)	1,300 (958)	3,100 (2,284)	5,500 (4,053)	7,600 (5,601)
	 Nm (ft. lbs.)	1,500 (1,105)	5,300 (3,906)	7,800 (5,748)	17,000 (12,529)

* Other motors & RPM available

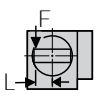
** Booster optional

Dimensions = mm

Specifications subject to change without notice

ROTARY TABLE SPECIFICATIONS

RWB, K Series

Table Model		RWB-320K	RWB-400K	RWB-500K
Table diameter		320	400	500
Center height		210	255	310
Center bore	Nose Diameter	150	200	220H7
	Thru Diameter	120	160	182
Table T-slot width		14H7	14H7	18H7
Guide block width		18h7		
Servo motor (Fanuc)*		Alpha 12i	Alpha 12i	Alpha 12i
Maximum motor speed	rpm	4,000	4,000	4,000
Speed reduction ratio		1/90	1/90	1/180
Maximum table speed	rpm	44.4	44.4	22.2
Inertia converted into motor shaft	$\times 10^{-3}\text{kg}\cdot\text{m}^2$	3.53	4.63	3.00
Clamp system**		Hydraulic		
Clamp torque @500psi	Nm (ft. lbs.)	3,100 (2,284)	5,500 (4,053)	7,600 (5,601)
Indexing accuracy	arc sec.	± 7		
Net Weight	kg (lbs.)	250 (550)	360 (792)	620 (1,364)
Allowable wheel torque	Nm (ft. lbs.)	2,127 (1,567)	3,958 (2,917)	3,276 (2,414)
Allowable work inertia	$\text{kg}\cdot\text{m}^2$	19.2	36.0	112
Allowable work weight	 kg (lbs) [w/ tailstock]	250 (550) [500 (1,100)]	300 (660) [600 (1,320)]	600 (1,320)
Allowable load when table clamped	 N (lbf)	89,000 (19,580)	109,000 (23,980)	240,000 (52,800)
	 Nm (ft. lbs.)	3,100 (2,284)	5,500 (4,053)	7,600 (5,601)
	 Nm (ft. lbs.)	5,300 (3,906)	7,800 (5,748)	17,000 (12,529)

* Other motors & RPM available

** Booster optional

Dimensions = mm

Specifications subject to change without notice

ROTARY TABLE SPECIFICATIONS

RNCK Series

Table Model		RNCK-631
Table diameter		630
Center height		400
Center bore	Nose Diameter	60H6
	Thru Diameter	60
Table T-slot width		18H7
Guide block width		18h7
Servo motor (Fanuc)*		Alpha 12i
Maximum motor speed	rpm	4,000
Speed reduction ratio		1/180
Maximum table speed	rpm	22.2
Inertia converted into motor shaft	$\times 10^{-3}\text{kg}\cdot\text{m}^2$	5.55
Clamp system**		Hydraulic
Clamp torque @500psi	Nm (ft. lbs.)	4,410 (3,250)
Indexing accuracy	arc sec.	± 7.5
Net Weight	kg (lbs.)	800 (1,760)
Allowable wheel torque	Nm (ft. lbs.)	4,116 (3,033)
Allowable work inertia	$\text{kg}\cdot\text{m}^2$	39.7
Allowable work weight	 kg (lbs) [w/ tailstock]	400 (880) [800 (1,760)]
Allowable load when table clamped	 N (lbf)	49,000 (10,976)
	 Nm (ft. lbs.)	4,410 (3,250)
	 Nm (ft. lbs.)	7,840 (5,778)

* Other motors & RPM available

** Booster optional

Dimensions = mm

Specifications subject to change without notice

RNCV, L Series

Table Model		RNCV-1501L
Table diameter		1,500
Center height		950
Center bore	Nose Diameter	75H7
Table T-slot width		28H7
Guide block width		28h7
Servo motor (Fanuc)*		Alpha 22i
Maximum motor speed	rpm	3,000
Speed reduction ratio		1/720
Maximum table speed	rpm	4.17
Inertia converted into motor shaft	$\times 10^{-3}\text{kg}\cdot\text{m}^2$	12.8
Clamp system**		Hydraulic
Clamp torque @500psi	Nm (ft. lbs.)	17,650 (13,008)
Indexing accuracy	arc sec.	± 7.5
Net Weight	kg (lbs.)	7,000 (15,400)
Allowable wheel torque	Nm (ft. lbs.)	21,560 (15,889)
Allowable work inertia	$\text{kg}\cdot\text{m}^2$	2,255
Allowable work weight	 kg (lbs) [w/ tailstock]	8,500 (18,700) [18,700 (41,140)]
	 kg (lbs)	17,000 (37,400)
Allowable load when table clamped	 N (lbf)	265,000 (59,360)
	 Nm (ft. lbs.)	17,650 (13,008)
	 Nm (ft. lbs.)	46,800 (34,491)

ROTARY TABLE SPECIFICATIONS

RCV, K Series

Table Model		RCV-800K
Table diameter (optional)		800 (1,000)
Center height		530
Center bore	Nose Diameter	360H7 x 45
	Thru Diameter	310
Table T-slot width		18H7
Guide block width		22h7
Servo motor (Fanuc)*		Alpha 12i
Maximum motor speed	rpm	4,000
Speed reduction ratio		1/360
Maximum table speed	rpm	11.1
Inertia converted into motor shaft $\times 10^{-3}\text{kg}\cdot\text{m}^2$		4.89
Clamp system**		Hydraulic
Clamp torque @500psi	Nm (ft. lbs.)	7,000 (5,159)
Indexing accuracy		arc sec. ± 7.5
Net Weight	kg (lbs.)	1,450 (3,190)
Allowable wheel torque	Nm (ft. lbs.)	7,840 (5,778)
Allowable work inertia		kg·m ² 320
Allowable work weight	 kg (lbs) [w/ tailstock]	2,000 (4,400) [4,000 (8,000)]
	 kg (lbs)	4,000 (8,800)
Allowable load when table clamped	 N (lbf)	100,000 (22,400)
	 Nm (ft. lbs.)	7,000 (5,159)
	 Nm (ft. lbs.)	11,600 (8,550)

* Other motors & RPM available

** Booster optional

Dimensions = mm

Specifications subject to change without notice

RWE Series Indexers

Indexer Model		RWE-160 TPC	RWE-200 TPC
Spindle outer diameter		100h7	120h7
Table diameter (optional)		(160 or 200)	(200 or 250)
Center height		135	160
Center bore	Nose Diameter (w/ face plate)	55H7 (50H7)	65H7 (60H7)
	Thru Diameter	40	45
Table T-slot width w/ face plate		12H8	12H8
Guide block width		14h7	18h7
Controller (included with table)		TPC-Jr G2	TPC-Jr G3
Maximum motor speed rpm		3,000	
Speed reduction ratio		1/60	1/72
Maximum table speed rpm		50	41.7
Inertia converted into motor shaft $\times 10^{-3} \text{kg}\cdot\text{m}^2$		.19	.19
Clamp system		Pneumatic	
Clamp torque @72psi Nm (ft. lbs.)		156 (115)	294 (217)
Indexing accuracy arc sec.		± 22.5	
Net Weight kg (lbs.)		40 (88)	65 (143)
Allowable wheel torque Nm (ft. lbs.)		147 (108)	264 (195)
Allowable work inertia $\text{kg}\cdot\text{m}^2$		.48	1.2
Allowable work weight	 kg (lbs) [w/ tailstock]	75 (165) [150 (330)]	100 (220) [250 (550)]
	 kg (lbs)	150 (330)	250 (550)
Allowable load when table clamped	 N (lbf)	7,840 (1,756)	13,720 (3,073)
	 Nm (ft. lbs.)	156 (115)	294 (217)
	 Nm (ft. lbs.)	392 (289)	980 (722)

Controller		TPC-Jr		
Control axis		1 axis		
Servo motor		AC servo, ABS detector		
Command unit		0.001°		
Dividing number	Direct indexing	1 to 999999 even indexing		
	Arc indexing	1 to 999 even indexing		
Max. command angle		$\pm 999.999^\circ$		
Command system		INC, ABS, Shortcut ABS, INC/ABS mixed system		
Input system		Includes MDI & full RS-232 communication		
Program control		Workpiece No. (W0000 to 9999)		
Program capacity		1000 blocks in main & sub-program together		
Cable supplied (Standard)		Between rotary table & TPC-Jr (1 pc.)		
		For motor : 5m		
		Power cable : 5m		
		Interlocking cable : 5m		
Power Requirements (less than 100 ohm ground resistance)		1 Ø 200/220V $\pm 10\%$ 50/60Hz (non-CE)		
		1 Ø 230V $\pm 10\%$ 50/60Hz (CE)		
		Model	Power capacity	Fuse Rating
		Jr H2	1.2KVA	8A
		Jr H3	2.2KVA	15A

* Other motors & RPM available

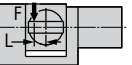
** Booster optional

Dimensions = mm

Specifications subject to change without notice

ROTARY TABLE SPECIFICATIONS

TWA-Series

Model		TWA-130		TWA-160		TWA-200		TN-320	
Tilt Range		-17° ~ +107°		-30° ~ +110°		-30° ~ +110°		-30° ~ +110°	
Spindle outer diameter		90h7		100h7		120h7		-	
Table diameter (optional)		(135)		160 (200)		200 (250)		320	
Table height at 0° position		210 (235 w/faceplate)		235 (260 w/faceplate)		270 (300 w/faceplate)		355	
Center height at 90° position		150		180		210		255	
Center bore	Nose Diameter (w/face plate)	55H7 (40H7)		55H7 (50H7)		65H7 (60H7)		105H7	
	Thru Diameter	35		40		45		100	
Table T-slot width		12H8 (w/faceplate)		12H8 (w/faceplate)		12H8 (w/faceplate)		14H7	
Guide block width		14h7		18h7		18h7		18h7	
Servo motor (Fanuc)*		Rotary	Tilt	Rotary	Tilt	Rotary	Tilt	Rotary	Tilt
		Alpha 2i	Alpha 2i	Alpha 2i	Alpha 2i	Alpha 4i	Alpha 4i	Alpha 8i	Alpha 8i
Maximum motor speed	rpm	5,000	5,000	5,000	5,000	5,000	5,000	4,000	4,000
Speed reduction ratio		1/60	1/120	1/72	1/120	1/45	1/90	1/120	1/240
Maximum table speed	rpm	83.3	41.7	69.4	41.7	88.9	44.4	33.3	16.7
Inertia converted into motor shaft	x 10 ⁻³ kg·m ²	.074	.072	.17	.18	.38	.45	.82	.45
Clamp system		Pneumatic Dual Taper						Hydraulic @500 psi **	
Clamp torque @72psi	Nm (ft. lbs.)	500 (369)	500 (369)	500 (369)	800 (590)	800 (590)	1,000 (737)	[2,200] [(1,621)]	[2,200] [(1,621)]
Indexing accuracy	arc sec.	±20	-	±15	-	±15	-	±10	-
Tilting accuracy	arc sec.	-	±22.5	-	±22.5	-	±22.5	-	±22.5
Net Weight	kg (lbs.)	76 (167)		127 (279)		190 (418)		440 (968)	
Allowable wheel torque - rotary	Nm (ft. lbs.)	152 (112)		200 (147)		450 (332)		931 (686)	
Allowable work inertia	kg·m ²	.08		.19		.59		1.53	
Allowable work weight	0° tilt angle 	kg (lbs)	35 (77)	60 (132)		120 (264)		150 (330)	
	0° ~ 90° tilt angle 	kg (lbs)	20 (44)	40 (88)		70 (154)		100 (220)	
Allowable work moment		Nm (ft. lbs.)	24 (17.7)	39.2 (28.9)		53.7 (39.6)		163.3 (120.4)	
Allowable load when table clamped		N (lbf)	3,920 (878)	7,840 (1,756)		13,720 (3,073)		19,600 (4,390)	
		Nm (ft. lbs.)	500 (369)	500 (369)		800 (590)		2,200 (1,621)	
		Nm (ft. lbs.)	500 (369)	800 (590)		1,000 (737)		2,200 (1,621)	

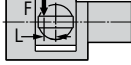
* Other motors & RPM available

** Booster optional

Dimensions = mm

Specifications subject to change without notice

TBS-Series & RTT-111,CA

Model		TBS-130		TBS-160		RTT-111, CA	
Tilt Range		-30° ~ +110°		-30° ~ +110°		-17° ~ +107°	
Spindle outer diameter		90h7		100h7			
Table diameter (optional)		(135)		(160 or 200)			
Table height at 0° position		225 (250 w/faceplate)		270 (300 w/faceplate)		190	
Center height at 90° position		160		200		190	
Center bore	Nose Diameter (w/face plate)	55H7 (40H7)		55H7 (50H7)		--	
	Thru Diameter	40		40		--	
Table T-slot width		12H8		12H8		--	
Guide block width		14h7		18h7		14H7	
Servo motor (Fanuc)*		Rotary	Tilt	Rotary	Tilt	Rotary	Tilt
		Alpha 2i	Alpha 2i	Alpha 2i	Alpha 4i	Alpha 2i	Alpha 2i
Maximum motor speed	rpm	5,000	5,000	5,000	5,000	5,000	5,000
Speed reduction ratio		1/48	1/60	1/60	1/60	1/60	1/120
Maximum table speed	rpm	104.2	83.3	83.3	83.3	83.3	41.7
Inertia converted into motor shaft	x 10 ⁻³ kg·m ²	.074	.072	.17	.18	.074	.072
Clamp system		Pneumatic				Pneumatic Dual Taper	
Clamp torque @72psi	Nm (ft. lbs.)	700 (516)	700 (516)	700 (516)	700 (516)	500 (369)	500 (369)
Indexing accuracy	arc sec.	±10	-	±10	-	±20	-
Tilting accuracy	arc sec.	-	±17.5	-	±17.5	-	±30
Net Weight	kg (lbs.)	125 (276)		160 (353)		98 (216)	
Allowable wheel torque - rotary	Nm (ft. lbs.)	-		-		152 (112)	
Allowable work inertia	kg·m ²	.08		.19		.08	
Allowable work weight	0° tilt angle 	kg (lbs)	35 (77)	60 (132)	35 (77)		
	0° ~ 90° tilt angle 	kg (lbs)	20 (44)	40 (88)	20 (44)		
Allowable work moment		Nm (ft. lbs.)	61.1	59.6	57 (42)		
Allowable load when table clamped		N (lbf)	3,920 (878)	10,800	3,920 (878)		
		Nm (ft. lbs.)	700 (516)	700 (516)	500 (369)		
		Nm (ft. lbs.)	700 (516)	700 (516)	500 (369)		

* Other motors & RPM available

** Booster optional

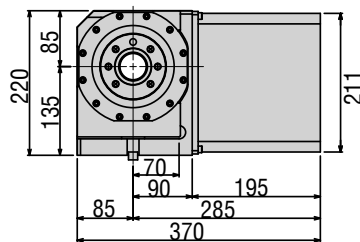
Dimensions = mm

Specifications subject to change without notice

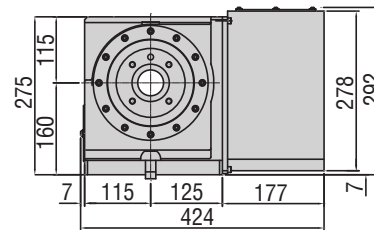
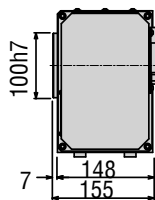
ROTARY TABLE DIMENSIONS

RWE | RWA | RWE TPC

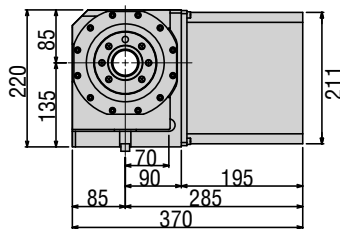
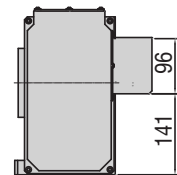
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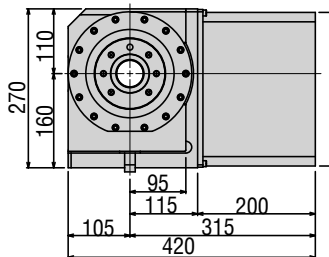
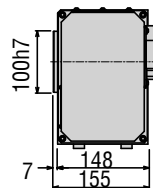
RWE-160



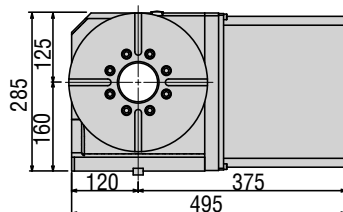
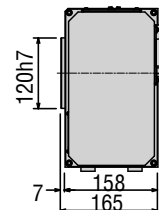
RWE-200



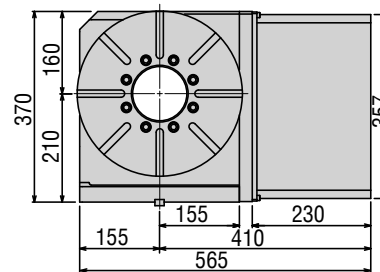
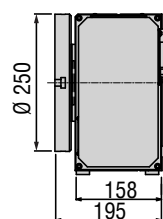
RWA-160



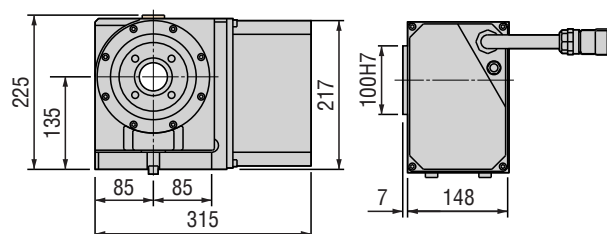
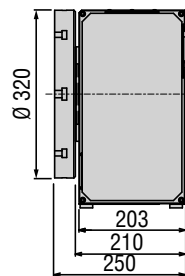
RWA-200



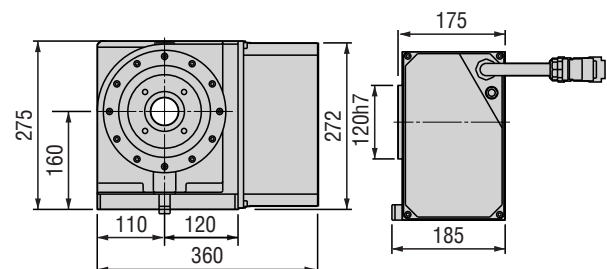
RWA-250



RWA-320



RWE-160 TPC



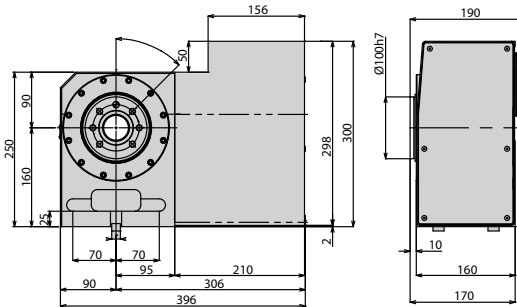
RWE-200 TPC

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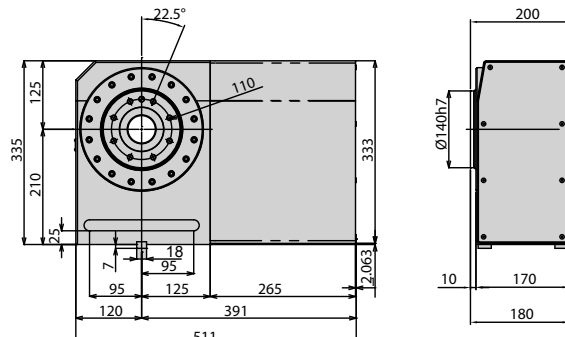
RBS | RN-MULTI

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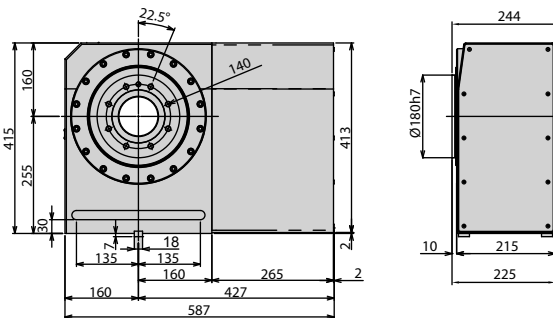
RBS-160



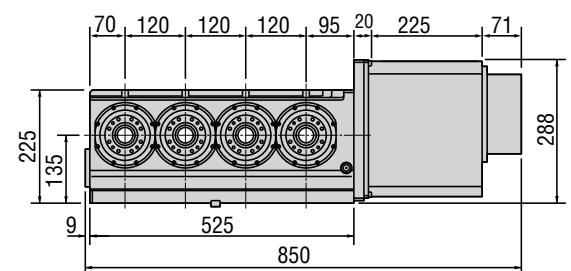
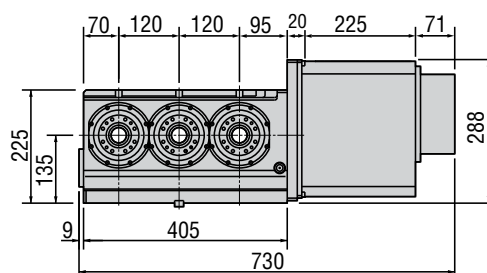
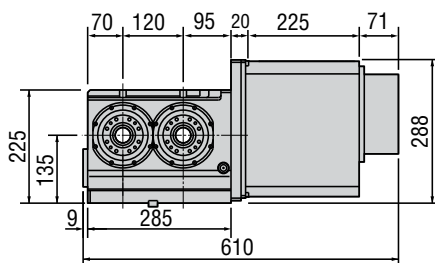
RBS-250



RBS-320



RN-100,R-2,3,4

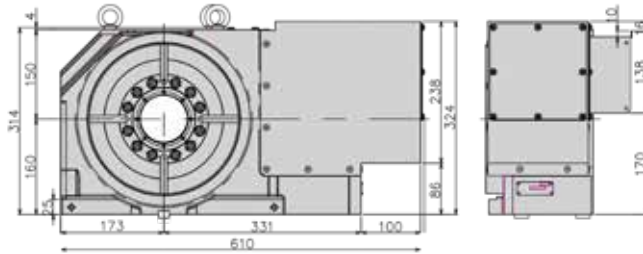


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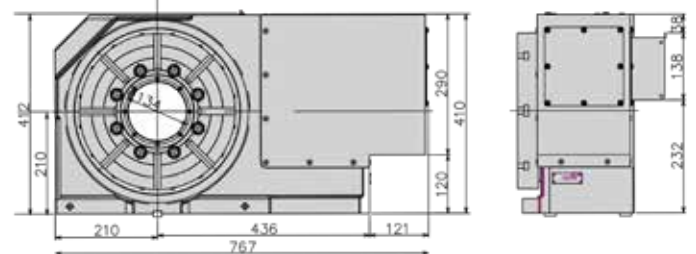
ROTARY TABLE DIMENSIONS

RWB | RWB,K

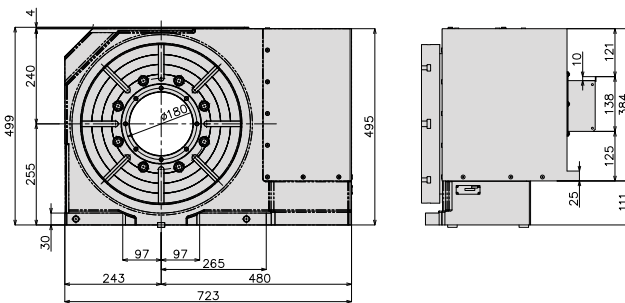
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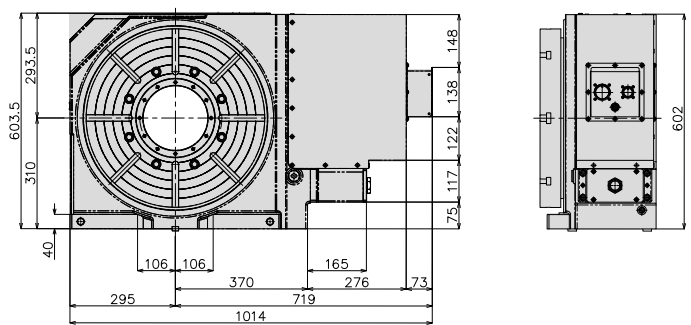
RWB-250,R



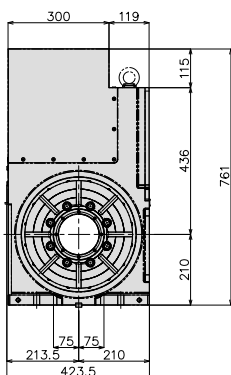
RWB-320,R



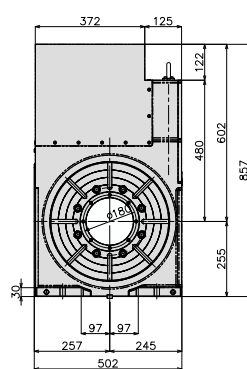
RWB-400,R



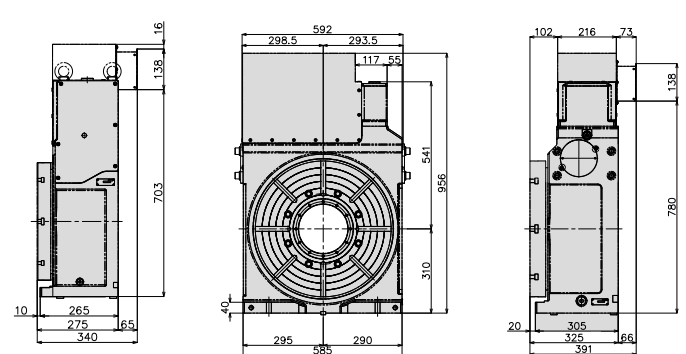
RWB-500,R



RWB-320K



RWB-400K

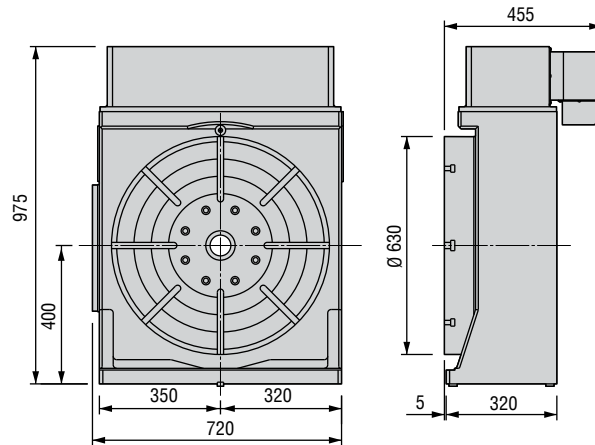


RWB-500K

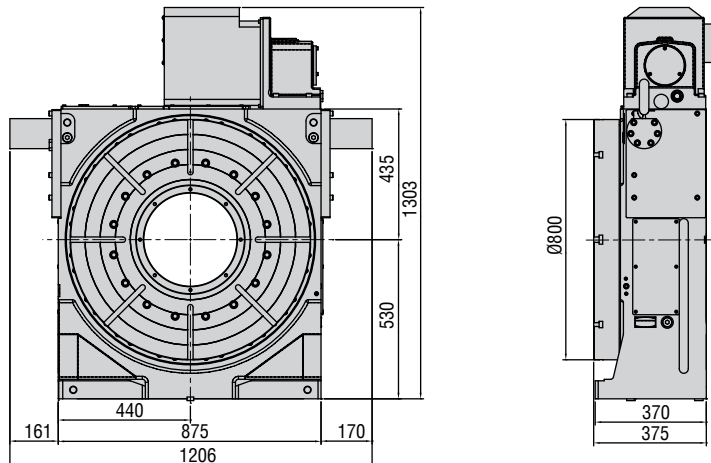
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RNCK | RCV,K

(Drawings Not To Scale)



RNCK-631

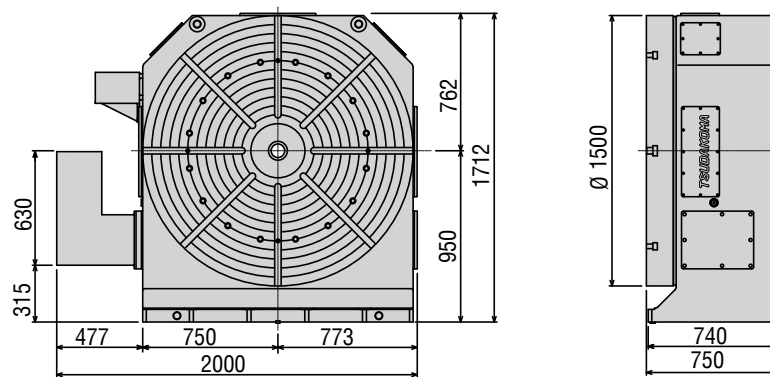


RCV-800K

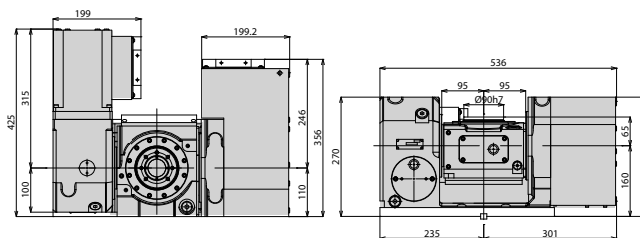
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ROTARY TABLE DIMENSIONS

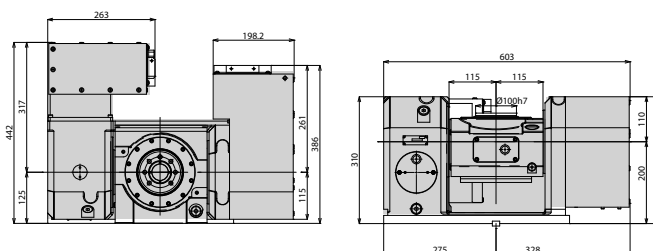
RNCV,L | TBS (Drawings Not To Scale)



RNCV-1501,L



TBS-130

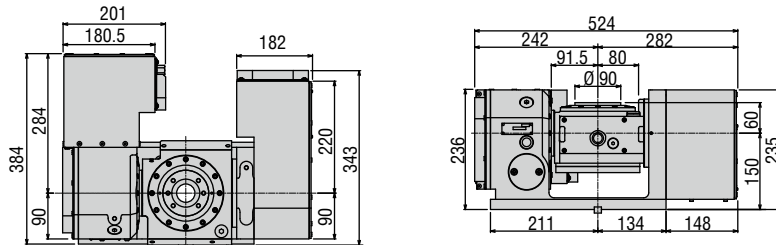


TBS-160

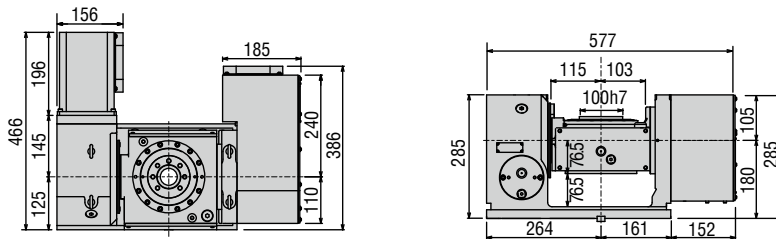
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TWA | RTT (Drawings Not To Scale)

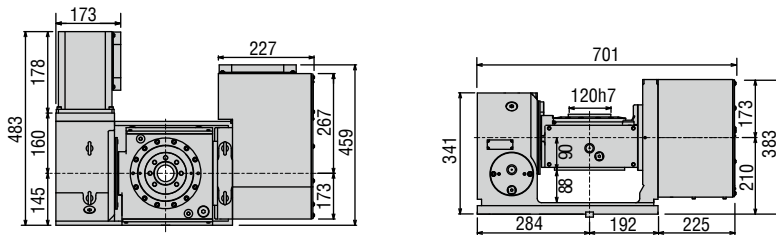
TWA-130



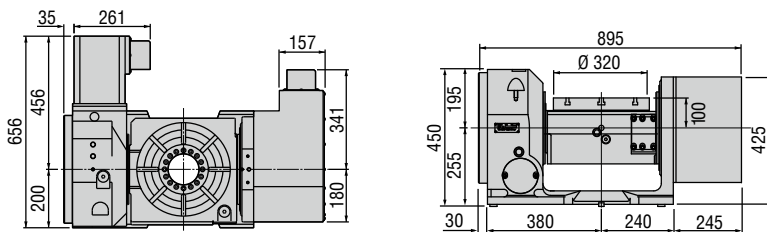
TWA-160



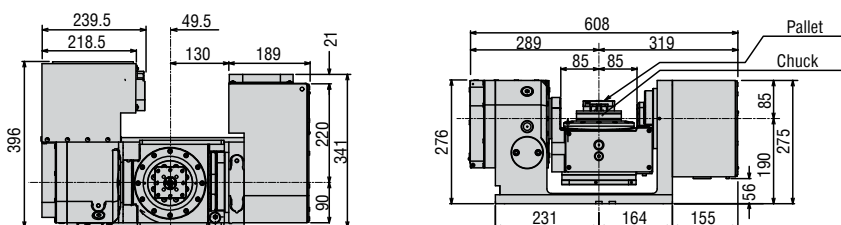
TWA-200



TN-320



RTT-111, CA



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