

For horizontal machining centers

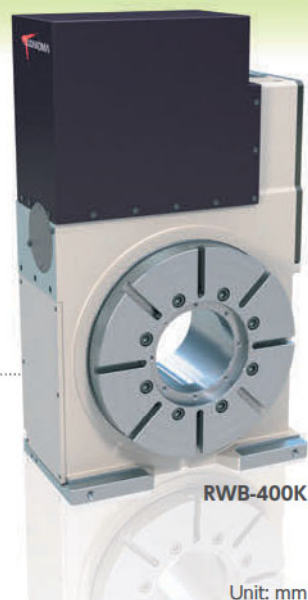
RWB-K

RWB-250K•320K•400K•500K

RNCK

RNCK-631

Flagship model with highest-class specifications exclusively for horizontal machining centers. A popular for the aircraft, automobile and cutting tool industries. A larger through-bore size enables more ports number of rotary joint than previous model.



RWB-400K

Unit: mm

Specifications

		RWB-250K	RWB-320K	RWB-400K	RWB-500K	RNCK-631
Table diameter		φ 250	φ 320	φ 400	φ 500	φ 630
Center height		160	210	255	310	400
Center bore	Nose diameter	φ 105H7	φ 150H7	φ 200H7	φ 220H7	φ 60H6
	Through-bore	φ 80	φ 120	φ 160	φ 181	φ 60
Table T-slot width*1		12H7	14H7	14H7	18H7	18H7
Guide block width		18h7	18h7	18h7	18h7	18h7
Servo motors(for FANUC)		α iF8	α iF12	α iF12	α iF12	α iF12
Inertia converted into motor shaft ×10 ⁻³ kg·m ²		1.27	3.53	4.63	4.25	5.55
Net weight						

CE correspondence model (excluding RNCK)

For tables with a diameter of 800 or more, please order a big bore type of the following models:

Tables diameter	Model	Center bore	Specifications
φ 800	RCV-800 (Motor mounted on top)	φ 360	P.32
φ 1000	RCV-1000 (Motor mounted on top)	φ 410	P.32
φ 1250	RCV-1250 (Motor mounted on top)	φ 500	P.32

Note: For the RNCK-631, a basic model (for vertical machining centers) is also available. (for standard bore)

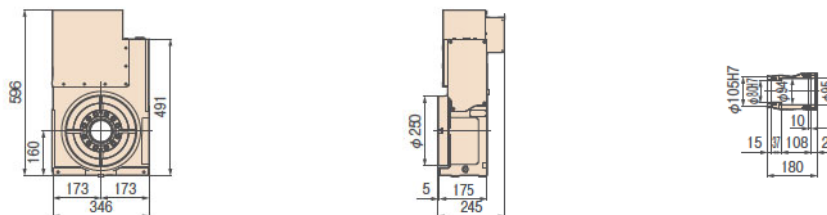
Tech. Info. Servo motors of other manufacturers **P.68**

Option High-precision Spec. **P.64**
Pull Stud **P.66**
Rotary Joint **P.66**
Air-hydraulic Booster **P.67**

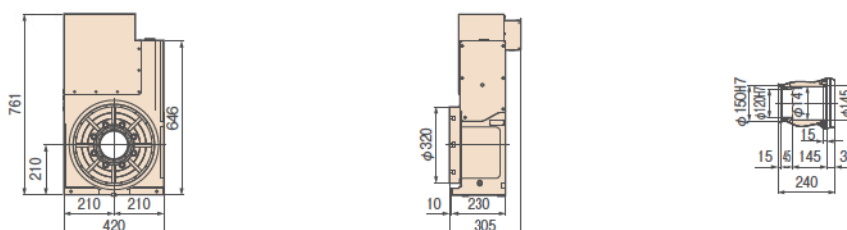
Dimensions

Unit: mm

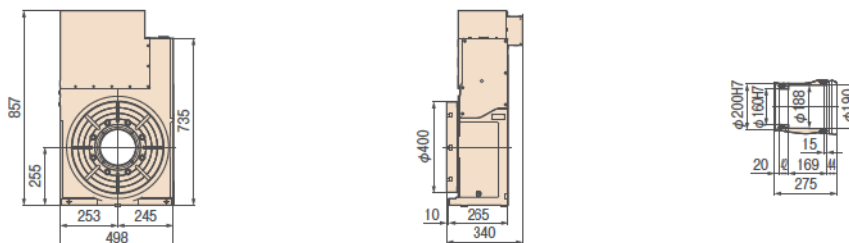
RWB-250K



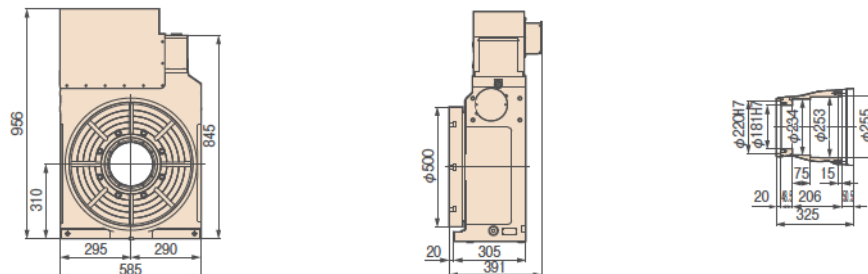
RWB-320K



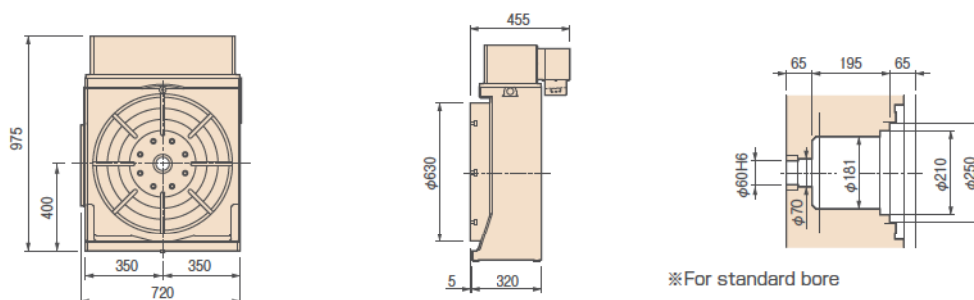
RWB-400K



RWB-500K



RNCK-631



Note: The above dimensions are for FANUC servo motors. The dimensions of servo motors of other manufacturers may be larger.

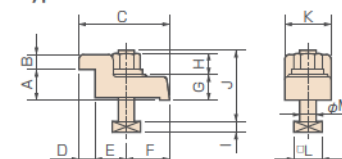
Clamping block and bolt

Unit: mm

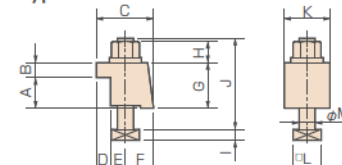
	Type	Q'ty	T-slot pitch	T-slot width	A	B	C	D	E	F	G	H	I	J	K	L	M
RWB-250K	I	4	50 to 125	18	25	12	80	12	33	35	22	21	11	65	40	28	16
RWB-320K	I	4	73 to 162	18	30	15	90	16	31	43	25	21	11	70	46	28	16
RWB-400K	I	4	73 to 160	18	30	15	90	16	31	43	25	21	11	70	46	28	16
RWB-500K	I	4	73 to 200	18	40	20	110	18	42	50	25	21	11	70	46	28	16
RNCK-631	II	4	100 to 255	18	40	18	63	18	15	30	58	21	11	105	60	28	16

Note: When using a machine with a T-slot pitch other than the above, use suitable clamping blocks and bolts that are available on the market, or order custom-made ones from TSUDAKOMA. (Option)

Type I



Type II



RBS

RBH

Multi-Spindle
RBM

TBS

RWE/RWA
RN

RWH

RWA-B
RNCV-B

RWB

RWB-K
RNCK

RCB

RCH
RNC

RCV

Multi-Spindle
RWM

TWA/TN

TWB
TTNC

Multi-Spindle
TWM

RDS

RTV
RTT

TDS
TDB

NC Controllers

Accessories

Options

Technical
Information