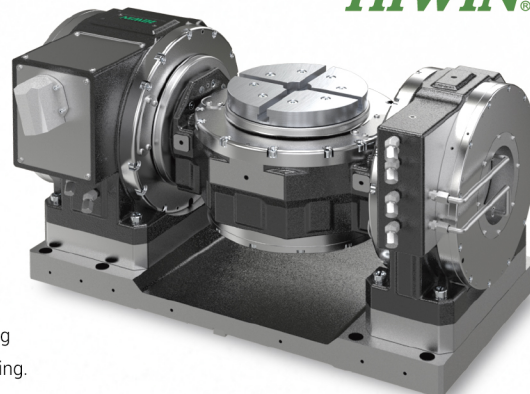


RAB-200H



FEATURES

- Adopts high acceleration, high torque, high accuracy, and zero backlash torque motor.
- Rigid and symmetrical mechanical design.
- High positioning accuracy, suitable for high-accuracy simultaneous machining.

OPTIONAL EQUIPMENT

- Built-in powerful clamping system.
- Precise stop and swing angle settings.
- Widely used in 3+2-axis, 4+1-axis positioning processing, or 5-axis simultaneous processing.

ITEM	Metric		SAE	
Cooling Method	Convection/Oil (opt)			
Table Diameter	200 mm		7.87"	
Center Height	235 mm		9.25"	
Table Height	325 mm		12.79"	
T-slot Width	12 mm H8		0.47" H8	
Axis	Rotary	Tilting ±120°	Rotary	Tilting ±120°
Max. Rotation Speed *2	200 rpm	150 rpm	200 rpm	150 rpm
Continuous Torque	28 N-m	65 N-m	21 ft-lb	48 ft-lb
Max. Torque	81 N-m	188 N-m	60 ft-lb	139 ft-lb
Encoder Type*3	RENISHAW RA23N			
Positioning Accuracy	±5 arc-sec			
Repeatability Accuracy	4 arc-sec			
Clamping Type	Hydraulic			
Clamping Torque (20 Bar)	700 N-m	1,400 N-m	516 ft-lb	1,033 ft-lb
Net Weight	~300 kg		~661 lb	
Allowable Load	50 kg		110 lb	

*1 : All models in the above table are standard specifications, any special requirements, please contact HIWIN.

*2 : The rotation speed will vary depending on the voltage of power supply.

*3 : For detailed specifications, please refer to P16 [Angle Measurement System]

TERA 40V

	Metric	SAE
Table area	1,120 × 700 mm	44.1" × 27.6"
Remaining work area	570 × 700 mm	22.4" × 27.6"

TERA 50V

	Metric	SAE
Table area	1,420 × 700 mm	55.9" × 27.6"
Remaining work area	870 × 700 mm	34.3" × 27.6"

TERA 60V

	Metric	SAE
Table area	1,724 × 700 mm	67.9" × 27.6"
Remaining work area	1,174 × 700 mm	46.2" × 27.6"

