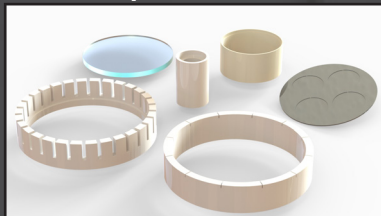


Rotary table for high-precision, high-efficiency grinding of brittle materials

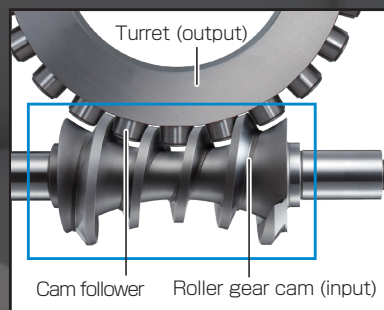
Precision Spin Table *RollerDrive*®

Work sample

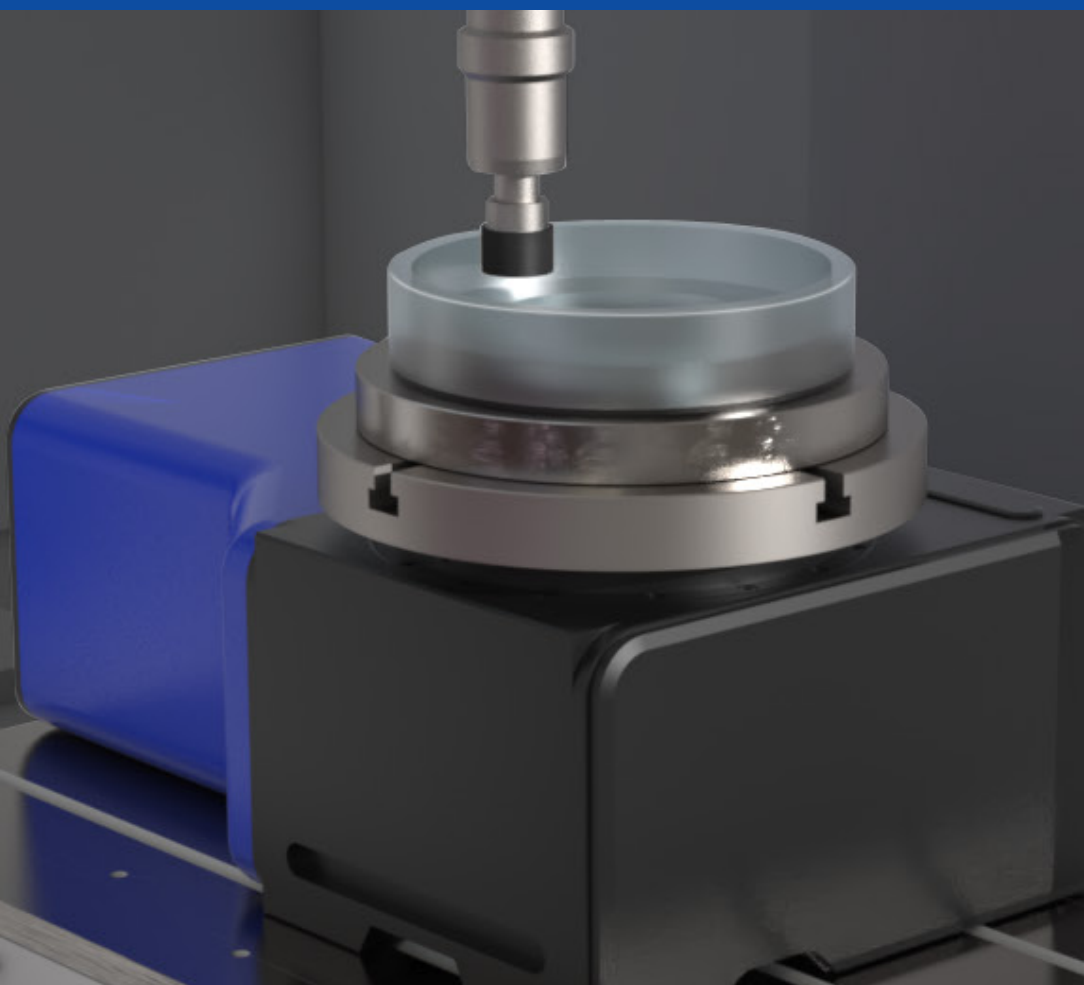


Brittle materials such as quartz glass and ceramics

Excellent transmission mechanism



Multiple roller followers contact each other from both sides (pairs) without any gaps, providing efficient rolling transmission without backlash.



Features

High speed continuous rotation: 300 (r/min)

- Improve significantly productivity

Long-term continuous operation: 24 hours or more

- Compatible with long-term machining of high-hardness materials

Thermal displacement: 5μm or less

- Suppress heat generation by effective design

Positioning accuracy: ±25 seconds or less_(RPS200) • ±20 seconds or less_(RPS330)

- Positioning equivalent to a cutting table
- Cutting processing also possible

Compact/lightweight

- Easy to install on various machines

Long life

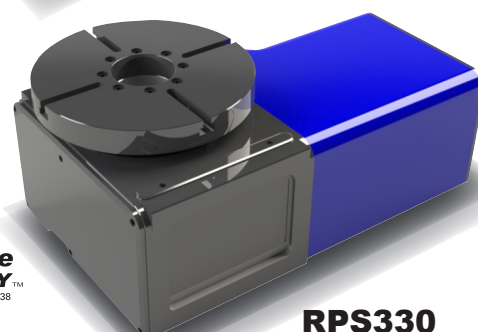
- Reliable RollerDrive

Compatible with harsh environments: Protection class IP66

- Special seal structure for grinding



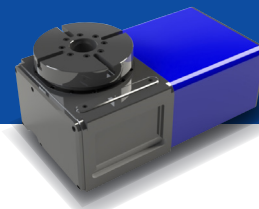
RPS200



RPS330



Precision Spin Table *RollerDrive*



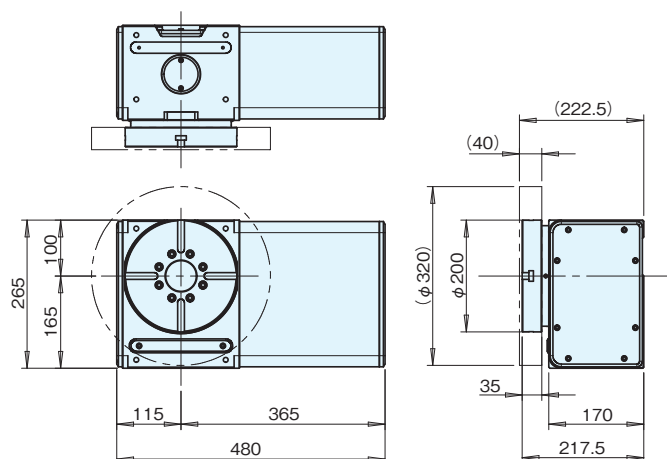
Specifications

Item	RPS200	RPS330
Table diameter	φ200 [mm]	φ330 [mm]
Maximum rotation speed	300 [r/min]	300 [r/min]
Allowable workpiece mass	50 [kg]	100 [kg]
Indexing accuracy	±25 [arc.sec]	±20 [arc.sec]
Repeatability accuracy	8 [arc.sec]	8 [arc.sec]
Product mass	80 [kg]	195 [kg]

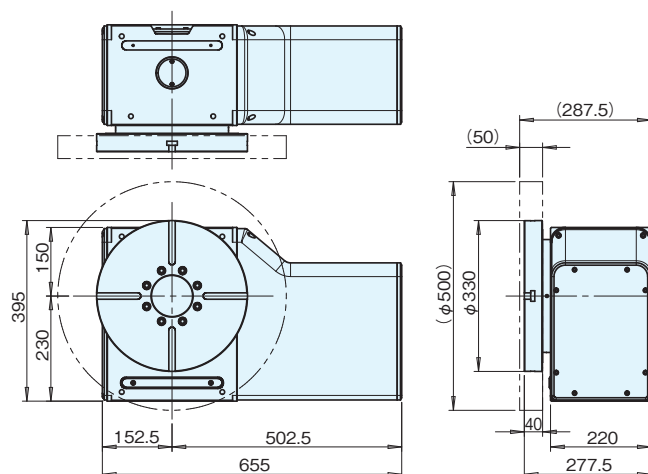
※Depending on the rotation speed and required accuracy, internal cooling (optional) may be required.

Dimensions

RPS200



RPS330



※() indicates when optional oversized table is installed

RPS330 temperature rise features during uncooled operation

