

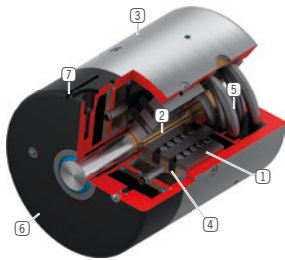
CLAMPING ELEMENT | PNEUMATIC

RBPS2200-A

▶ PRODUCT ADVANTAGES

- ▶ **sensing with process reliability**
Sensing of opened/closed state (optional)
- ▶ **Energize to open (NC)**
through spring-loaded energy storage
- ▶ **high durability**
5 million static clamping cycles
- ▶ **Safety element**
Safe braking in case of energy failure
- ▶ **Simple status sensing**
Querying the piston position with magnetic field sensor

▶ TECHNICAL DETAILS



- ① **Wedge-type gear**
- Power transmission between piston and collet chuck
- ② **Collet chuck for clamping and braking**
- Pressed at the circular guide
- ③ **Housing**
- ④ **Pneumatic piston**
- The ring piston moves the wedge-type gear longitudinally
- ⑤ **Spring-loaded energy storage**
- For non-pressurized closing of the clamping unit
- ⑥ **Cover**
- ⑦ **Integrated slot (for size RBPS12 and larger)**
- Mounting and positioning of a magnetic field sensor (optional)

▶ INFORMATION ON THE PRODUCTS

APPLICATION SCENARIOS

- ▶ **Positioning of axes**
- ▶ **Fixing of vertical axes**
- ▶ **Positioning of lifting units**

FURTHER INFORMATION

- ▶ **Special variants on request, e.g.**
With low opening pressure (3.0 bar)

▶ RECOMMENDED ACCESSORIES



MFS02-K-KHC-P1-PNP
Magnetic field sensor straight, cable 5 m



MFS01-K-KHC-P1-PNP
Magnetic field sensor angled, cable 5 m



MFS02-S-KHC-P1-PNP
Magnetic field sensor straight, cable 0.3 m - M8 connector



MFS01-S-KHC-P1-PNP
Magnetic field sensor angled, cable 0.3 m - M8 connector

