

## Case Study

## Pneumatic rotary actuator for new type of ball valve in dispensing technology

For our customer, "Gruber Schanksysteme", a renowned manufacturer of dispensing systems, we have developed and built a compact, pneumatic rotary actuator with integrated solenoid valves. This rotary actuator opens and closes a new type of ball valve and is thus a central component of this new product line.



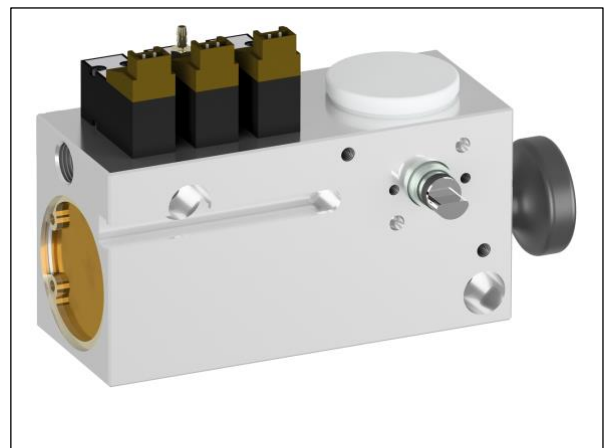
### Problem definition

- Customer needed a suitable pneumatic rotary actuator for its new product line.
- The rotary actuator should be as compact and inexpensive as possible
- The solenoid valves should be integrated in the rotary actuator
- Exact specified connection to the ball valve
- Mechanical pull knob for manual adjustment
- No suitable rotary actuator available on the market



### Solution

- An aluminum valve block that combines all functions in itself;
- Low space requirement, optimum cost efficiency;
- Three 10mm solenoid valves optimally mounted and integrated on the block;
- Solution 100% customer specific



### Customer Testimonial

This rotary drive is installed in the fully automatic, hygienic KEGROBOT beer keg changer. All tasks were perfectly implemented. This drive has all the required properties

Graduate Engineer Günther Gruber,  
CEO Production technology



### Highlights

- All functions in one block
- Optimal price/performance ratio
- 3 solenoid valves integrated
- Pneumatic and manual operation