

Product



Unique Selling Points



Electrical feed-through



Mechanically locked center position



W & H versions

Technical Data / Functions

In general

- ✓ Sizes: 20 .. 60
- ✓ Weight: 1.2 kg .. 26.5 kg
- ✓ Torque: 1.1 Nm .. 115 Nm
- ✓ Axial force: 800 N .. 11,000 N
- ✓ Bending moment: 10.5 Nm .. 950 Nm

Two shock absorber versions

- ✓ Shock absorber version W for quick rotation
- ✓ Shock absorber version H for high loads

Options

- ✓ Pneumatic intermediate position
- ✓ Mechanically locked intermediate position
- ✓ Electrical rotary feed-through

Cost Effectiveness/ Customer Benefits

- ✓ Clearly graduated series with uniform torque increase - the correct size is available for delivery for many applications.
- ✓ Rotating angle 90° or 180° - flexibility in choice of rotating angle; special angles available on request.
- ✓ End position adjustability +3°/-3° (small) or +3°/-90° (large).
- ✓ Pneumatic or mechanical center position – locked center position can be released under load - additional rotation in each direction possible.
- ✓ Feed-through suitable for gases, liquids, and vacuum - eliminating troublesome hoses.
- ✓ Electrical rotary feed-through for continuous failsafe feed-through of sensor and actuator signals.
- ✓ IP67 as standard, which means reliable operation in difficult ambient conditions.
- ✓ Replaceable screw-in guide sleeves (bushing) allow easy maintenance and replacement.
- ✓ Series extends downwards with SRU mini-series for a broad range of applications.

Price from 668 euros to 3,332 euros

Questions about the product? Your contact person is Marcel Nagel (+49 - 7133 - 103 - 2561)



Market and competitors

Main competitors

- ✓ Sommer SF series
- ✓ Festo DRQ series
- ✓ Röhm RSP

Advantages over the competitors

- ✓ Mechanically locked, dampened center position
- ✓ Electrical rotary feed-through
- ✓ Protection class IP 67
- ✓ Explosion protection (only Festo also has explosion protection)

Line of Argument

Why are there two shock absorber versions?

- ✓ The H version is intended particularly for rotating heavy loads securely and gently. The shock absorber has a harder damping behavior and can therefore take on its task with continuous reliability. The W version was developed to be able to rotate smaller loads more quickly. This allows you to accelerate your processes and to implement larger throughput quantities.

Why then does a locked center position cost so much more than the pneumatic version? What is the advantage here?

- ✓ With the pneumatic center position, overshooting is quite normal. You can reduce this within specific limits using targeted control. In addition to this, the swivel arm can oscillate as well with very dynamic movements of the higher level system. In some processes it is irrelevant. In all other applications, you should use a locked center position. The center position will then be approached gently by means of a dampened stop.

Industries and Applications

Industry: Entire industrial automation

SRU-plus performs particularly well in the following industries

- ✓ Cutting of metal products
- ✓ Assembly & handling
- ✓ Automotive

Applications

- ✓ Swiveling of motor blocks
- ✓ Realigning gripped goods
- ✓ Transfer processes to assembly plants



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