

Product



No. 1 Position

- ✓ Shortest cycle times with maximum frequency
- ✓ Sets a new standard for rotary actuators in terms of cycle time and frequency.

Product features

Unique Selling Points:

- ✓ Consistent modularity
- ✓ Compatible variant design with identical external dimensions for optimal use in every application
- ✓ Patented shock absorber-elastomer shock absorbers as the new standard for rotary actuators

✓

Further product features:

- ✓ Proven hydraulic high-performance shock absorbers combined with elastomers
- ✓ Even more compact system design, because higher loads are possible using the same amount of space as in existing units with the same cycle time
- ✓ Higher energy absorption than previous shock absorbers
- ✓ Greater power density with respect to loading, cycle time, and cycles per hour

Market and Competitors

Key Competitors

- ✓ Sommer (SW series)
- ✓ Sommer (SF, MSF series)

Advantages towards competitors:

- ✓ Shorter cycle times for same loads
- ✓ More cycles per hour for same loads and cycle times

Cost Effectiveness / Customer Benefits

Customer benefits:

- ✓ More compact system design, since higher loads are possible using the same space
- ✓ Internal high-performance dampening for reliable swivel processes
- ✓ Greater system productivity due to reduced cycle times and increased cycles per hour
- ✓ Can be used in tough environments thanks to standard compliance with IP67 protection class

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

Technical Data / Functions

Technical Data:

- ✓ Sizes: 20
- ✓ Weight: 2.1 kg
- ✓ Axial force: 800 N
- ✓ Torque: 3.0 Nm
- ✓ Bending moment: 10.4 Nm
- ✓ Cycles per hour in SRU-plus 20-S to 3700 1/h
- ✓ Swiveling time in SRU-plus 20-S up to 0.3 s

Industries and Applications

The speed versions are suited for quick assembly and handling processes as well as full industrial automation applications.

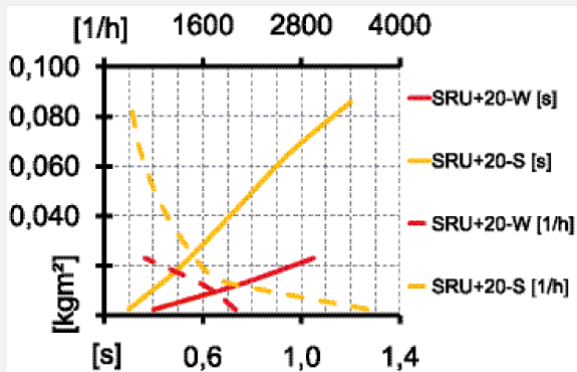
Industries:

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

Applications:

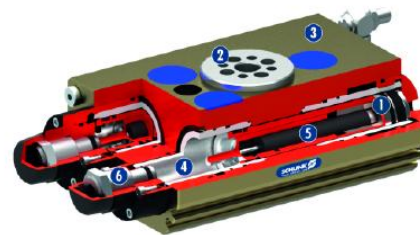
- ✓ Swiveling of motor blocks
- ✓ Realigning gripped goods
- ✓ Transfer processes to assembly plants

Additional Information



- Shorter cycle times for same loads
- Higher cycle times per hour for same loads
- Higher loads for same cycle time

Cross Section



1. Elastomer damper
2. Screw on flange
3. Housing
4. Sleeve technology
5. Damping
6. Damper Stroke-position

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