# Flexibility for laboratories and cleanrooms.



Super fast runner actuator 227

Ventilation systems for laboratories and cleanrooms have to meet very high requirements. The protection of people, products and equipment requires very fast reaction times. That's exactly why we have developed these super fast actuators of our model series 227. Super fast runners with running times for 90° of only one to three seconds and torques from 2 to 15 Nm – this is how we set new standards!



## Super fast runner actuator 227 in overview.

### General advantages:

- Varied product range
- Super fast running times
- · Integrated safety switch
- Scalable control accuracy

### So mobile is Gruner:

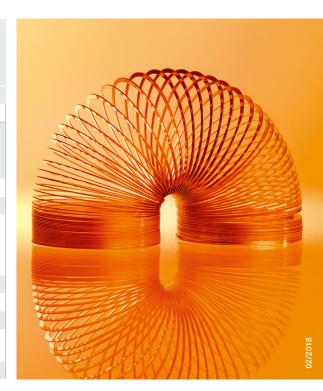
The Slinky was invented in 1945 by Richard James. It conveys the full fascination of physics – and simultaneously symbolizes pure flexibility. This symbolism is reflected in the core values of Gruner AG!

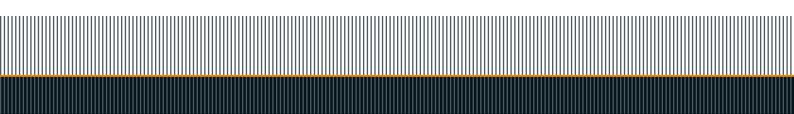
#### Technical data:



	Super fast runners
Туре	227
Torque	2 Nm 5 Nm 10 Nm 15 Nm
Running time motor (90°)	1-3 s
Options	
2/3-point (0) 210 VDC (0) 420 mA Modbus RTU	o o with ext. 500 Ω o
Nominal voltage	24 VAC/DC ± 20 %
Mechanical end stops adjustable	•
Adaption drive activatable	•
Concentric form locking shaft and flange fixing	0
V-bolt clamp for damper shaft	•

• Standard o possible





**GRUNER**