

GRUNER SERVOMOTORS

FESTIVAL HALL FOR CELEBRATIONS

The recently constructed Festival Hall in Wehingen satisfies ultimate fire protection standards, achieved with the help of servomotors from Gruner.



**ULTRA-ROBUST SERVOMOTORS
ADAPTED TO FIRE DAMPERS**

These ultra-robust servomotors are intended to facilitate motorised opening and closing operations, to with-stand high temperatures and also to be suitable for manual switching. Furthermore, the system should be compact and the servomotor should be located directly on the locking system to prevent expensive transmission mechanisms that are prone to cause malfunctions.



**STEEL COMPONENTS
EXTREMELY ROBUST
SERVOMOTORS**

To ensure that these electrical servomotors also work reliably in serious situations, all major components are made of steel. This means that the motor torque is maintained over an extended period, even at temperatures of up to 90 °C. LEDs and temperatures sensors indicate the precise operating status and simplify troubleshooting and maintenance.



**RELIABLE FUNCTION
SYSTEM-COMPLIANT
CONNECTION**

Reliable operation in the event of fire is supplemented by ease of maintenance and testing on this system. Since the fire protection dampers have been equipped with the new Gruner servomotors, servicing can be performed conveniently at the touch of a button, instead of needing to be performed by hand in each fire protection area, which was necessary in the past.



**TWO SERIES
BROAD RANGE OF TORQUES**

This range of Gruner servomotors provides a broad range of torques. For example, in Europe, two types cover the torque ratings needed for F&S in buildings. Specialist servomotors with communication capabilities are used for smoke protection. These combine the intelligence of the servomotors with that of the control system.



Servomotor 340TA



Servomotor 227C