



WINDOW TECHNOLOGY
DOOR TECHNOLOGY
AUTOMATIC ENTRANCE SYSTEMS
BUILDING MANAGEMENT SYSTEMS

4289



GRETSCH-UNITAS GROUP



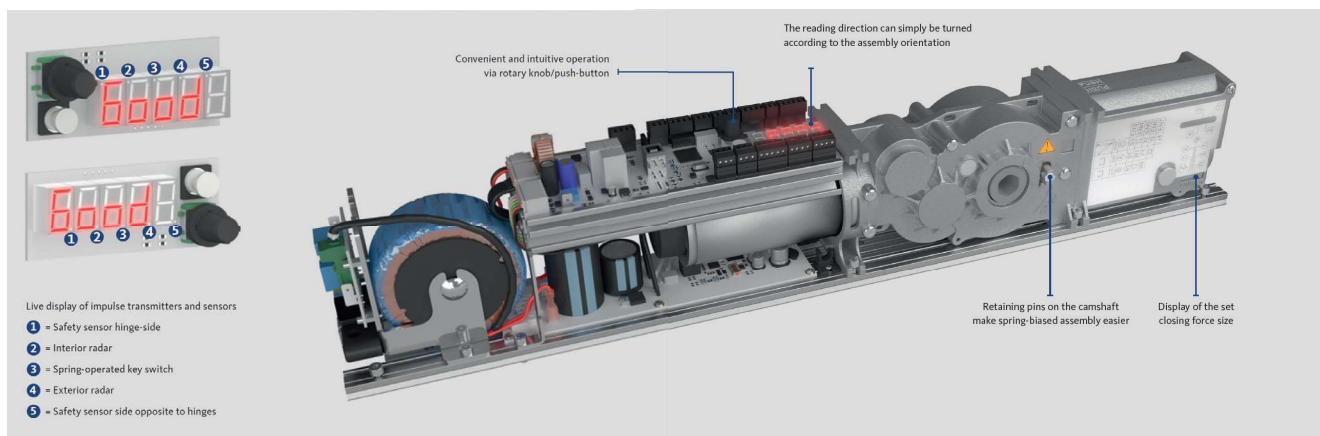
GUSG CATALOGUE

GU-DTN80 Automatic Swing Door Operator



Securing technology for you
Vorsprung mit System





Technical data

Swing door drive DTN 80	
Height x Depth x Length	85 x 145 x 680 mm ^[1]
Weight	11 kg
Leaf width (1-leaf)	700–1600 mm
Closing force sizes for fire protection doors	EN 3–EN 7
Distance between hinges (2-leaf)	1450–3200 mm
Mass inertia, max.	190 kg/m ² ^[2]
Torque, max.	260 Nm
Max. door leaf weight	600 kg
Current consumption for external devices, max.	24 V DC/2.5 A
Opening angle, max.	135°
Lintel depths, scissor-action arm	0–300 mm
Lintel depths, slide rail	+10/-10 mm
Axle extensions	30, 60 und 90 mm
Power consumption max.	80 W
Standby operation	7 W
Ambient temperature	-15 °C to +50 °C
Protection type	IP20
Test cycles according to DIN 18263-4	500,000
Test cycles according to EN 16005	1,000,000

[1] Drive height also with 2-leaf doors with integrated closing sequence control

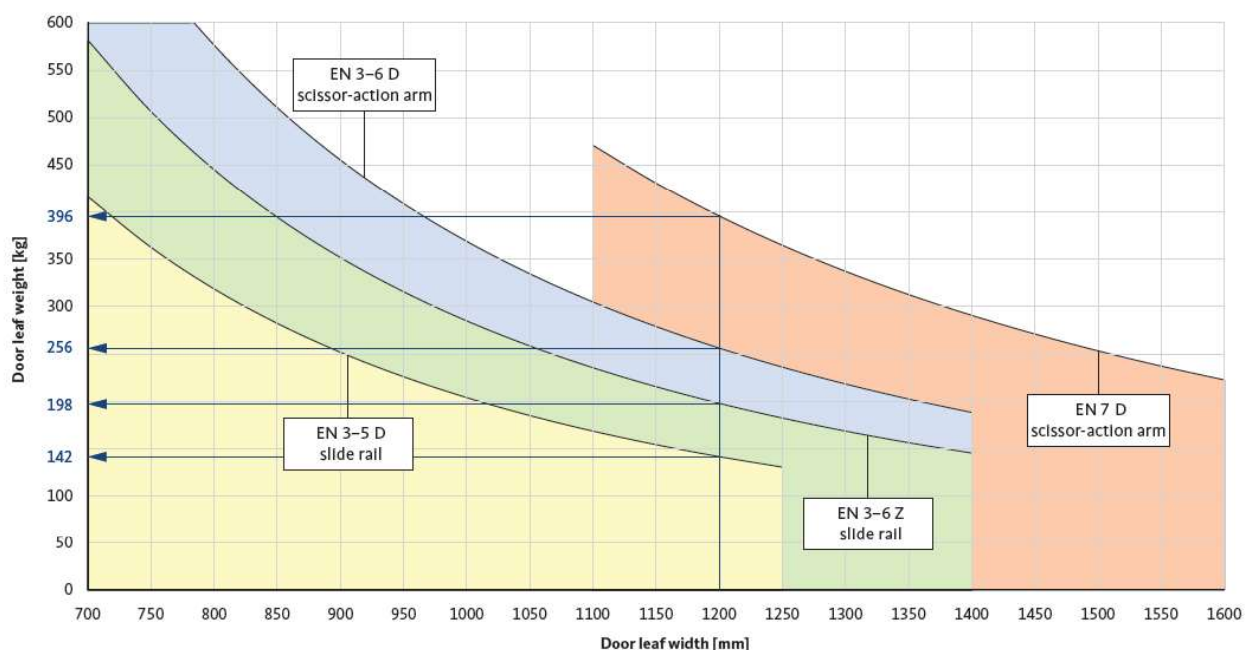
[2] Depending on scissor-action arm

AUTOMATIC ENTRANCE SYSTEM

Automatic Swing-Door Drive DTN 80



Permissible door leaf weights with fire protection doors according to DIN 18263-4 and in accordance with EN 16005



Examples for a door leaf width of 1200 mm

- Push-open scissor-action arm EN 7: 396 kg
- Push-open scissor-action arm EN 3-6: 256 kg
- Pull-open slide rail EN 3-6: 198 kg
- Push-open slide rail EN 3-5: 142 kg



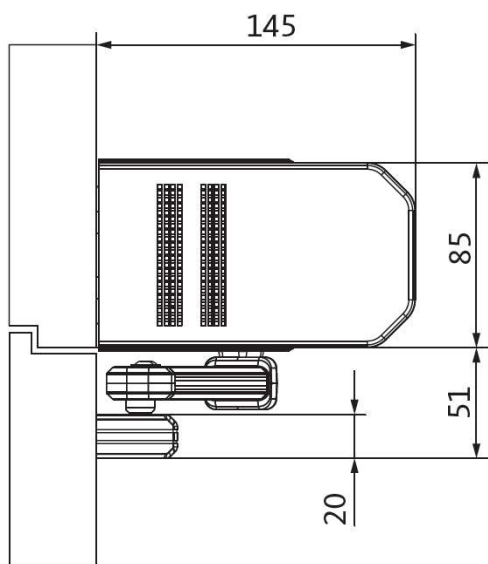
High-performance swing-door drive for fire protection doors: DTN 80-F

Extended set of fire protection measures

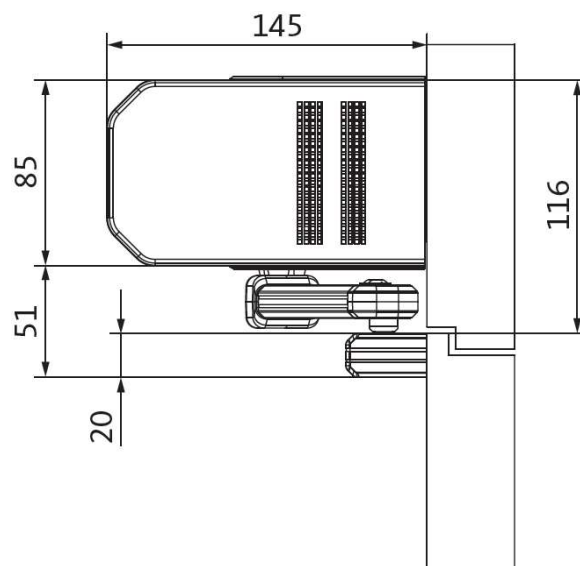
The swing-door drive becomes the DTN 80-F when combined with the extended set of fire protection measures for DTN 80. Together with a smoke switch and a "CLOSE DOOR" push-button, the DTN 80-F can be used as component of a hold-open system on fire and smoke protection doors.

Closing sequence control set SFR DTN 80

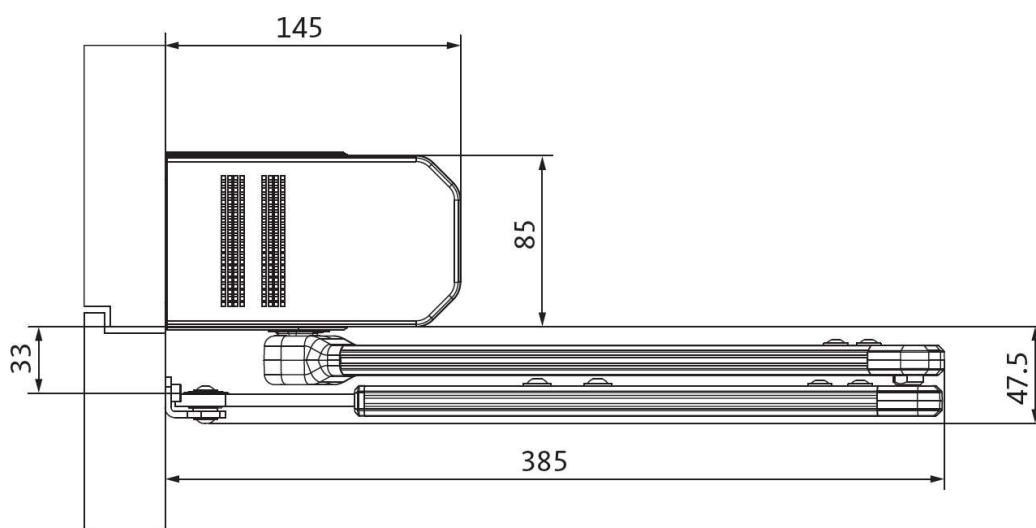
A mechanical closing sequence control is required for use at 2-leaf fire and smoke protection doors. This can be easily mounted on the DTN 80 in just a few steps. The two swing-door drives are connected via a Bowden wire. All components can be found under the drive cover or the cover between swing door drive covers.



Transom installation on side opposite to hinges – slide rail



Transom installation on side opposite to hinges – scissor-action arm



Transom installation on hinge-side – slide rail



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