

TECHNICAL DATA SHEET

Rolling grille SIRO® ProPark® Type 82

DESCRIPTION

Door curtain:

- Aluminium rolling grille, symmetrical brick pattern
- Extruded aluminum bars, connected with crossbars and spacer sleeves, ensure precise and uniform spacing.
- The end bars on the outer sides are securely bolted, locking the curtain laterally and preventing horizontal displacement.
- Torsion-resistant bottom profile with flexible hollow-chamber seal
- Doors with LH > 3000 mm equipped as standard with roll-up system for a free and gentle movement of the door curtain in the side guides

Barrel:

- Barrel made from steel, zinc phosphate base coat, RAL 9006 (optional galvanized steel)

ProPark® collision protection:

- Self-supporting side support system from galvanized steel profiles, to cover the guide rails and safety components
- Integrated side guides from aluminium mill-finish, with hard PVC inlay for reduced wear and smoother operation
- Pre-wired light barriers integrated and protected in the side supports
- Concealed wiring to protect against vandalism, damage and soiling (with option side support cover)

Operator:

- GfA direct drive operator, IP 54, 400V/50Hz/3ph, with thermal protection and safety catch device

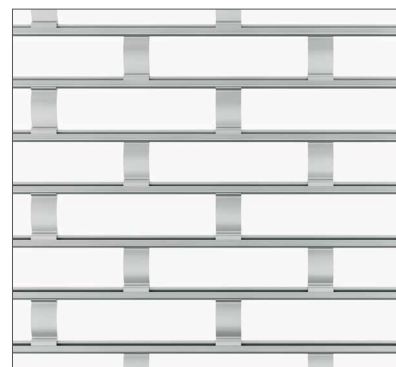
- Certified design, maintenance-free with lifetime lubrication
- Emergency operation via hand crank with joint (note: cannot be operated from floor level - see option for extended hand crank)

Control unit GfA TS 981:

- Programmable microprocessor control with digital end position setting
- Electronic limit switch
- Control voltage 24V, IP54
- Self-testing of all safety devices
- Two-way traffic control by traffic light, with forewarning signal
- OPEN impulse control, CLOSE impulse control with automatic closing and pre-warning signal
- Diagnostic display and cycle counter for maintenance
- Emergency stop on control unit cover
- Connection to fire alarm system and smoke detector

Safety devices:

- Licht barriers (integrated in crash protection system)
Top: Draw-in protection for rolling grilles, type-tested, Cat. 2 (EN 12978)
2 transmitter - 2 receiver modules
Bottom: for people safety 1 transmitter - 1 receiver module at max. 300 mm above floor
- Opto-sensoric closing edge safety device, type-tested, highly sensible transmitter-receiver system, signal transfer by energy chain



FEATURES

- Good ventilation (65%)
- Extensive collision protection
- Integrated safety functions
- Complies with European Standard DIN EN 13421-1

TECHNICAL DATA

SIRO® ProPark®	
Weight door curtain	5,5 kg/m²
Material thickness	3,0 mm
Ventilation cross section	approx. 65%
Honeycomb size internal WxH	250 x 65 mm
Opening speed	Ø 0,19 m/s
Door width LW others on demand	min. 1000 mm max. 10000 mm
Max. clear door height	5000 mm
Max. clear door opening	approx. 50 m²
Dimensions crash protection	72 x 190 mm
Dimensions guide rail	70 x 60 mm
Height bottom rail incl. rubber	105 mm (135 mm)
Minimum lintel height	310 mm depending on door dimensions

CUSTOMIZED ADDITIONAL EQUIPMENT

- Sound decoupling system ProSilence® - patent pending
- Similar side door with reach-through protection; various DIN-compliant panic fittings, overhead door closer, electric strike
- Similar fixed matching panels
- Marten protection with closed panels, e.g. R30, R60, R90 (also for side door)
- Mounting between walls
- Inclined, angled, lockable bottom profile (also electromagnetic)
- Various covers and barrel casings for outdoor installation
- Various pulse encoders (buttons, radio control, radar sensors, induction loops, etc.)
- Safety light curtain with blanking
- Flashing light and barrier solutions
- Coating in RAL-/DB-colors, silver and bronze anodising
- Battery backup emergency release in case of power failure / fire alarm
- Extended emergency crank handle with hinge