



Lindner Hinged Door Swing-F MPH

Description

The Swing-F MPH door system, specially designed for use in GMP areas, offers maximum flexibility for a wide range of applications.

The aluminium tubular frame construction with powder-coated surfaces is extremely impact- and scratch-resistant and offers excellent resistance to cleaning agents and disinfectants.

The Swing-F MPH door system is also available as a complete unit with automatic drive, interlock control, holding magnet or other electrical components.

Whether for manual use, automated or as a complex system integrated into interlock control systems - the options are extremely varied.

The door leaf is flush on both sides and has a thickness of 77 mm.

Fields of application

- Pharma production
- Laboratories
- Medical technology



For further information please visit
Homepage www.Lindner-Group.com

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1. Door leaf

Number of door leaves	<ul style="list-style-type: none"> • Single-leaf door • Double-leaf door
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1.1 Metal door leaf

Material of outer shell	<ul style="list-style-type: none"> • Frame: Aluminum profile • Glazing: TSG double glazing • Steel sheet in sandwich construction
Frame surface	<ul style="list-style-type: none"> • Powder coated RAL 9010/ RAL 9016 • Powder coated according to RAL • Powder coated according to NCS

1.2 Built-in components / Extensions

Handle options	<ul style="list-style-type: none"> • Knob / Knob • Handle / Knob • Handle / Handle
Hinges	<ul style="list-style-type: none"> • Hidden hinges (Tectus)
Main locks	<ul style="list-style-type: none"> • Mortise lock class 4 • Panic mortise lock • Profile cylinder
Door sealing	<ul style="list-style-type: none"> • Frame sealing • Floor sealing (optional)
Glazing (optional)	<ul style="list-style-type: none"> • Without blind / roller blind • Internal electric blind • Internal electric roller
Installation variants of glazing	<ul style="list-style-type: none"> • Flush installation without covering frame
Additional hardware	<ul style="list-style-type: none"> • Additional locks • Reed switches • Electric opener • Strike plate • Scratch protection



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2. Frame

Material	<ul style="list-style-type: none"> Aluminum profile
Surface	<ul style="list-style-type: none"> Powder coated RAL 9010/ RAL 9016 Powder coated according to RAL Powder coated according to NCS
Controls for frame installation	<ul style="list-style-type: none"> Operation button without LED display Operation button with LED display Non-contact controls ¹⁾ with LED display
Controls / Signals (optional)	<ul style="list-style-type: none"> Button for operating the integrated electric blinds and roller blinds Emergency button (for interlocking) Traffic light LED-RGB (signaling for interlocking)

1) Only available with automatic drives.

3. Door Drive / Door Closer

Door closer	<ul style="list-style-type: none"> Integrated door closer Dorma ITS 96 (3-6) Overhead door closer Dorma TS 93 (3-6)
Drive types: Dorma ED 250 Gilgen FD 20	<ul style="list-style-type: none"> Automatic door drive <i>according to DIN EN 16005 / DIN 18650</i>
Special function (optional)	<ul style="list-style-type: none"> Airlock function <i>according to requirement</i>

4. Safety Precautions for power- operated systems

Sensors (optional)	Door movement monitoring according to DIN 18650 and DIN EN 16005
Door leaf monitoring	Electronic monitoring of dynamic force limitation when opening and closing; the door stops and remains stopping as soon as the allowable resistance is exceeded.

5. Performance

Fire protection	T0
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