



Lindner Hinged Door Swing-F MPH – Exemplary image.

Description

Lindner hinged doors are suitable for a variety of applications. Originally developed for use in GMP-cleanrooms, they also provide outstanding services in all kinds of areas with the highest hygiene requirements and are tailored in detail to these areas of application.

The Lindner Swing MPH door can be implemented as a complete package with automatic drive, lock control, holding magnet or other electrical components. Whether for simple manual use, automated or as a complex system integrated into airlock controls - the options are almost limitless. The door leaf has a thickness of 77 mm.

Specially developed solutions can be implemented for specific projects at any time.



Fields of application

- Clean rooms
- Laboratories



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
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Frame surface	<ul style="list-style-type: none"> • Powder coated RAL 9010/ RAL 9016 • Powder coated according to RAL • Powder coated according to NCS
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1.2 Built-in components / Extensions

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