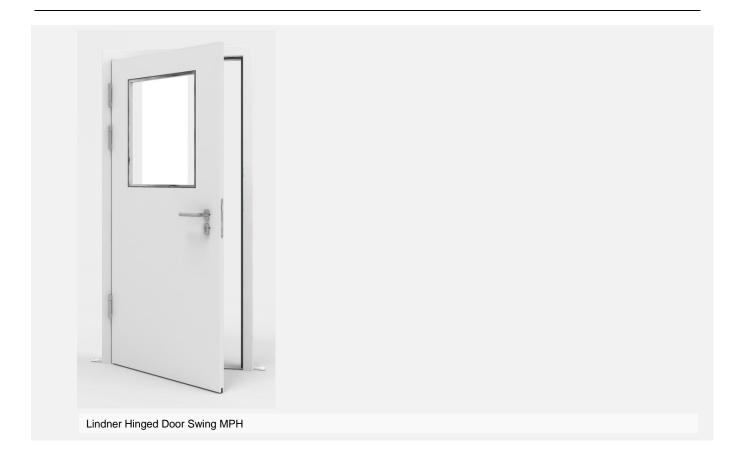


Data Sheet Lindner Hinged Door Swing MPH



Description

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

This means that both a laser protection and a radiation protection variant for special areas in GMP production can be realized without any visual changes.

The door leaf made of powder-coated, galvanized sheet steel is extremely impact- and scratch-resistant and offers excellent resistance to cleaning agents and disinfectants.

The Swing 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 has a thickness of 40 mm and the door gap is 3 - 4 mm.

Fields of application

- Pharma production
- Medical technology
- Laboratories



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

Lindner SE | Reinraumtechnik, Bahnhofstraße 29, 94424 Arnstorf / Germany, Tel. +49 (0)8723/20-0, Reinraumtechnik@Lindner-Group.com, www.Lindner-Group.com



Data Sheet Lindner Hinged Door **Swing MPH**

1. Door Leaf

Number of door leaves	Double-leaf door
1.1 Tubular frame / Metal door leaf	
Material of outer shell	 Frame: - Galvanized sheet steel (thickness 0,75 mm) - Stainless steel (thickness 0,80 mm) - Aluminum (thickness 1,00 mm) Glazing: TSG, LSG, insulated glazing
Frame	 Powder coated RAL 9010 Powder coated according to RAL Powder coated according to NCS Stainless steel double-cut (sanded and brushed) Stainless steel 240 grit sanded

Single-leaf door

1.2 Built-in components / Extensions

Number of door leaves

Handle options	Knob / KnobHandle / KnobHandle / Handle
Hinges	VX – hingesHidden hinges
Main locks	 Mortise lock class 4 Panic mortise lock Profile cylinder
Door sealing (optional)	Frame sealingFloor sealing
Glazing (optional)	 Without blind / roller blind With internal electric blind With internal manual blind With internal electric roller blind
Installation variants of glazing	Flush installation without covering frameWith surface mounted covering frame
Special glazing (optional)	Radiation protectionLaser protection
Additional hardware	 Additional locks Reed switches Electric opener Strike plate Scratch protection

















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Data Sheet Lindner Hinged Door **Swing MPH**

2. Frame

Material	Galvanized steelStainless steel
Surface	 Powder coated RAL 9010 Powder coated according to RAL Powder coated according to NCS Stainless steel double-cut (sanded and brushed) Stainless steel 240 grit sanded
Controls	 Operation button ¹⁾ (permanent on, person-, bed passage) Rubber pad operation button on the frame ¹⁾ Pad switch ¹⁾ Non-contact controls ¹⁾ (integrated in the adjacent wall)
Controls / Signals (optional)	 Button for operating the integrated electric blinds and roller blinds Emergency button (for interlocking) Traffic light LED-RGB (for interlocking)
Specials (optional)	Radiation protection

¹⁾ Only available with automatic drives.

3. Door Drive / Door Closer

Door closer	Integrated door closerOverhead door closer
Drive type	 Automatic door drive according to DIN EN 16005 / DIN 18650
Special function (optional)	Airlock function according to requirement

4. Safety Precautions

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	ТО
Sound insulation	Up to 35 dB Rw acc. to DIN EN 20140-3 (ISO 140-3: 1995) *

*Only for single leaf doors



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