

## General information

Leaf height	2,000 - 2,400 mm
Leaf weight (max.)	200 kg.
Opening width	800 - 2,500 mm
Opening speed (max.)	0.8 m/s
Closing speed (max.)	0.8 m/s
Hold-open time	0 to 60 s
Adjustable opening and closing force (max.)	150 N
IP rating	depends on on-site solution
Material leaf surface	on site

## Specifications

Sound proofing value	depends on on-site solution
Air permeability with overpressure (EN 1026/EN 12207)	depends on on-site solution
Air permeability with under-pressure (EN 1026/EN 12207)	depends on on-site solution
Radiation protection (lead insert possible)	depends on on-site solution

## Functions

Adjustable opening widths	nurse opening cleaning opening bed opening
Automatic opening and closing in case of power failure	adjustable
Function in case of power failure	adjustable for 30 min./30 cycles
Automatic opening in case of fault	-
Push&Go	•
Automatic reversal when an obstacle is detected	•

## Approvals

DIN 18650 / EN 16005	for 200,000 cycles at 200 kg
EN 60-335-1 / EN 60335-2-103	
EN ISO 13849: Performance Level D	

## About GEZE

GEZE develops, manufactures and sells system solutions for door, window and safety technology and is one of the global market leaders. GEZE safety technology is crucial wherever preventative fire protection, protection against theft along escape and rescue routes or access control are concerned. Customised solutions combine individual safety requirements in one intelligent system so that doors and windows are opened and closed in a coordinated way in an emergency.

With individual service packages, GEZE Service accompanies your products throughout their whole life cycle and guarantees durability and safety.

We will be happy to provide further information  
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GEZE HYGIENIC DOOR SYSTEMS

POWERDRIVE PL-HT KIT

ID No. 185915 – Vers. EN 1807 – Subject to change without notice



BEWEGUNG MIT SYSTEM

### GEZE Powerdrive PL-HT Kit

#### Drive kit solution for areas with high hygiene and/or airtightness demands

Powerdrive PL-HT sliding door systems for single leaf doors were developed for the automation of entrances to rooms with increased demands in terms of airtightness, such as operating theatres, laboratories or cleanrooms in hospitals, as well as in the pharmaceutical, high-tech and food industries.

The Powerdrive PL-HT Kit sliding door system consists of a drive kit, aluminium profiles (track, module support, ramp profiles), special floor guide profiles and seals.

The door construction (e.g. door leaf, frame, surface material, cover, lead inserts, windows...) can be freely selected by the customer.

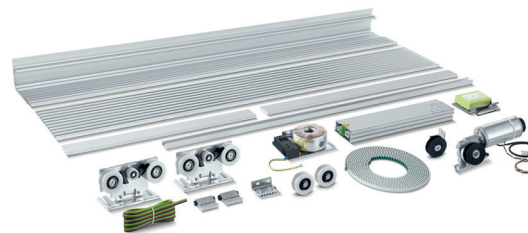
#### Area of application in clinical areas

- operating theatres, intensive care units, dialysis stations
- clean rooms
- sterilisation rooms
- refrigeration and freezer rooms

#### Also suitable for use in

- pharmacy
- food industry
- high-tech industry

#### Drive components



#### Leaf components



#### Kit version



#### Airtightness

- An all round seal reduces the air permeability of the closed sliding door system.
- With its sophisticated mechanics, Powerdrive PL-HT achieves low air permeability by lowering and pressing the door leaf onto the frame construction. This depends on the on-site solution.

#### Hygiene

- As a result of the opening widths optimised for hospital use (nurse opening, cleaning opening, bed opening), the entry of foreign particles can be reduced and air exchange minimised.

#### Networking

Like all GEZE sliding door systems, the ECdrive H sliding door system can also be integrated flexibly into the building management system via BACnet or the OPC interface.

