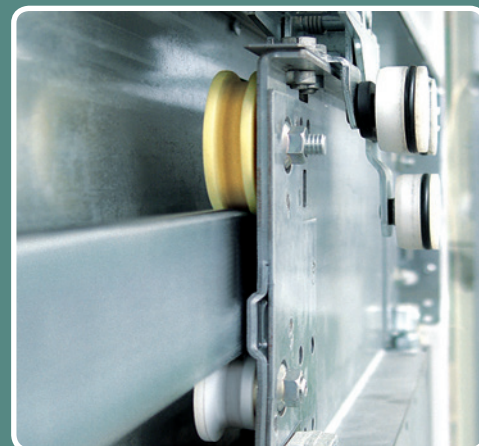


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[®]
SPEED



High-performance door system SPEED[®]

High-performance door system **SPEED®**

For maximum speeds and
maximum lift comfort

SPEED®



Get where you need to be quickly and comfortably: With the development of its high-performance SPEED® door system, MEILLER has succeeded in combining minimum time loss at lift stops, maximum lift door smoothness and extremely low motor and running noise levels.

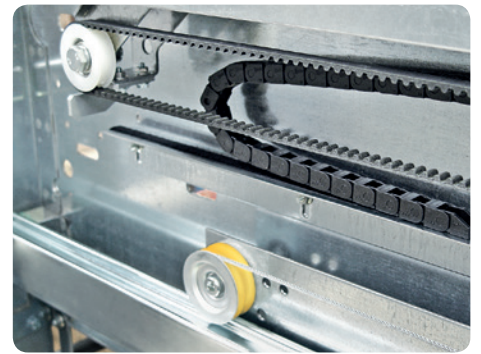
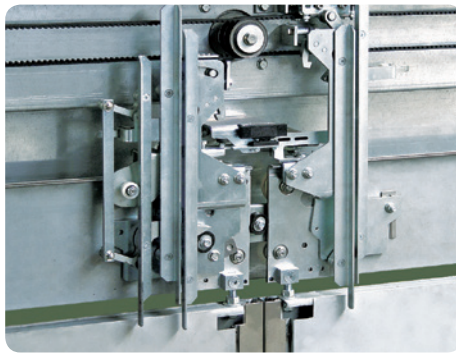
The new intelligent door drive system **MiDrive®** enables outstanding dynamics and speed, which considerably reduces waiting times during times of heavy use. A genuine plus for highly frequented buildings.

The use of a double skate system (available as an option) means that the energy from the motor is symmetrically distributed to both halves of the door and transmitted to the landing door. This ensures an absolutely synchronous and form-fitting door movement over the entire opening and closing motion – fast, quiet and absolutely even.

The lathe-turned rollers are made of a special cast polyamide and fitted with encapsulated ball bearings with a guaranteed long service life. The ball bearings of the kicking rollers are coated with a synthetic material (thermoplastic polyurethane TPU) and can be positioned on the runner rail with a precise form-fit, using eccentrics. The rail comprises a hollow steel profile that is rolled from a 4 mm thick steel ribbon in a precision manufacturing process and modified to fit the contours of the running and kicking rollers – this also gives it a very high moment of resistance.

The spot-welded door panels are produced with twin walls in accordance with DIN 18091 or EN 81-58.

Bottom guide shoes with two separate sliders (each 100 mm long) optimize the doors' running characteristics and rounds off the overall concept. The guide groove in the sill is very narrow, at only 7 mm, and allows trolleys etc. to drive over easily, while the sill being less susceptible to dirt. The sill can be made from aluminium, as **Gravida®** version or as hidden track, depending on customer requirements.



With landing doors, labyrinth profiles are fitted all round to reduce air transmission between the door panels and the frame. The closing edge can be fitted with a rubber sealing lip for constructions pursuant to DIN 18091 or a labyrinth in the door cladding for EN 81-58 constructions.

SPEED® PLUS – even more comfortable and even quieter!

With the **SPEED® PLUS** variant, the door panels are filled with mineral wool, which further increases noise and heat insulation. This construction is also fire tested in accordance with EN 81-58, E120.

Full SPEED® with the high-performance door drive MiDrive®

Door drive benefits:

- Intelligent **MiDrive®** concept
- Fast and easy commissioning with smart-phone app:
Simply scan the QR code to configure the drive with perfectly coordinated parameters
- Optimised motor performance results in demonstrable increase in drive efficiency
- CANopen interface as standard
- Protection class IP 54 as standard
- Eco and EcoPlus energy-saving modes as standard
- Sophisticated energy management system that controls energy consumption
- Standard servo mode supports opening of large and heavy doors
- Condition monitoring: lifetime data is logged to provide information on door condition



High-performance door system SPEED® - Dimensions

| Door construction | Clear door width (CDW) | Clear door height (CDH) |
|---------------------------------------|------------------------|-------------------------|
| Two-panel, side-opening TTS/TTK 25 | CDW = 800 - 1500 mm | CDH = 2000 - 2600 mm |
| Two-panel, centre-opening STS/STK 26 | CDW = 800 - 1500 mm | CDH = 2000 - 2600 mm |
| Four-panel, centre-opening TTS/TTK 28 | CDW = 1200 - 2500 mm | CDH = 2000 - 2600 mm |



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