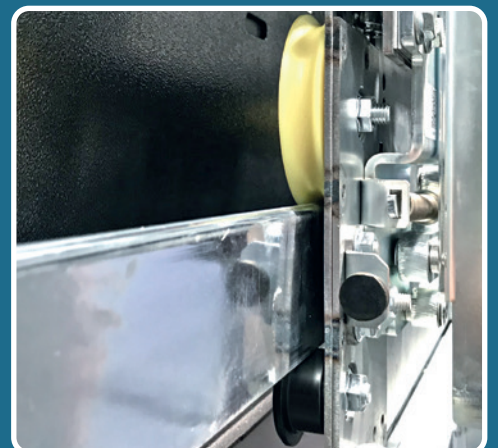


SUPRA[®]



High-Performance Door System SUPRA[®]

High-Performance Door System SUPRA®

Excellent Performance

Maximum Comfort

SUPRA®



Worldwide urbanisation is turning space into an increasingly limited commodity. This explains the ongoing trend towards the construction of taller and taller buildings.

Not all of these multi-storey structures are purely residential, but their lower floors frequently accommodate businesses, doctor's surgeries, law firms and the like. And in many cases, the upper storeys contain upmarket flats, apartments and loft residences. Accordingly, lift facilities are required that can offer an appropriate level of comfort along with excellent performance and quiet operation.

It is for such applications that MEILLER has developed its new series of lift doors - the High-Performance **SUPRA**® door. They are designed for lift systems with maximum speeds of around 4 m/sec.

SUPRA® doors are characterised by their extremely quiet operation, which is achieved by employing rollers with a diameter of 90 mm. As a result of their dimensions, they only perform about two revolutions per door cycle (with clear door widths of 1100 mm). They are also highly resistant to wear and extremely quiet in operation. The kicking rollers are flanged and have a diameter of 35 mm for even more enhanced safety.

The car doors of these new, high-performance doors are fitted with the popular TM1-V skate system with the additional 'L' designation. The 'L' denotes the larger clearance (12 mm) of the skate brackets between the hook lock rollers. As a result, the car travels quickly up and down the shaft, free of any disturbances.

In line with the long-established MEILLER standard, the door panels of both the landing and car doors are double-walled and spot-welded for improved sturdiness and torsional rigidity. The landing doors can be supplied in accordance with DIN 18091 or fire-tested in accordance with EN 81-58, E 120.



Glass door panels or sheet metal doors with a vision panel (for firefighter lifts) are naturally also available for the **SUPRA**® door series.

For even better noise reduction, the door panels can be filled with mineral wool padding, without in any way affecting the fire testing certification according to EN 81-58, E 120.

High-Performance Door Drive Siemens AT 40

The car doors are fitted with a low-maintenance toothed belt drive, consisting of a DC gear motor in IP 54 in conjunction with a Siemens AT 40 controller and corresponding transformer.

The pre-set travel profiles make commissioning easy and ensure that the doors open and close at the operator's required speed. Naturally, travel profiles can also be set individually.



High-Performance Door System SUPRA® - Dimensions

Door construction		Clear door width (CDW)	Clear door height (CDH)
2-panel, side-opening TTS/TTK 25	S/K-2-R/L	CDW = 800 - 1400 mm	CDH = 2000 - 2500 mm
2-panel centre-opening STS/STK 26	S/K-2-Z	CDW = 800 - 1400 mm	CDH = 2000 - 2500 mm
4-panel centre-opening TTS/TTK 28	S/K-4-Z	CDW = 1300 - 2400 mm	CDH = 2000 - 2500 mm



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