

Traffic flow

Pedestrian – Individuals	•
Pedestrian – with luggage	•
Pedestrian – Groups (mm)	≥2700
Pedestrian – Speed Control	•
High Traffic including Trolleys & Wheelchairs	–
Max. Capacity per minute per direction	14–38

Dimensions

Diameter (increment of 100 mm)	1800–3000
Internal passage height (mm)	2200–3000
Canopy height (mm)	200–1250

Safety and Security

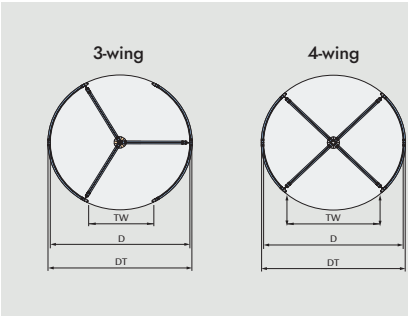
Break out capability	–
Emergency Escape 3rd Party Certification	–
TUV-Certification	•
EN16005:2012	•
EN1627:2011 Burglary Resistance Class 2 and Class 3	•
Night-Closing Doors (NCD), internal or external	•

Applications

Suitable for office buildings, banks, retail stores, hotels, luxury boutiques, universities, restaurants, hospitals & transports hubs.

Built for safety & convenience:

- » If an obstacle obstructs the door rotation, it ceases automatically
- » Compressible safety edges on outer wall entrance posts & soft-edge rubber profiles on door leaves lessen the risk of injury
- » Digital speed control mechanisms prevent dangerous door movements
- » Low-energy rotation ensures the safe return of the door to its parked position
- » Total compliance with EN16005 standards



(mm)	D min.	D max.	Formula
D (Internal Diameter)	1800	3000	+ 100
DT (External Diameter)	1896	3096	D + 96
DT (Internal Night Closing Doors)	1976	3176	D + 184
DT (External Night Closing Doors)	2024	3224	D + 224
Without and with External NCD			
3-wing TW true passage width	863	1463	863+((D-1800)/100)*50
4-wing TW true passage width	1244	2094	1244+((D-1800)/100)*70,67
Without and with External NCD			
3-wing TW true passage width	834	1434	834+((D-1800)/100)*50
4-wing TW true passage width	1223	2071	1223+((D-1800)/100)*70,67

K100
Power Assist Revolving Door

Independent Certification – EN16005:2012	•
Speed control	•
Auto park	•
Power assist	•
Parking brake	•
Unrestricted free spinning	–

Technical specifications

Power supply	100 – 240 VAC+10/-15%, 50/60 Hz, mains fuse max. 10 A (building installation)
Power consumption	300W including LED spot lights max. 30 W
Lighting LED 7 W	42 W

Essential door equipment

Fascia, non-standard height 200 – 1250 mm
Internal height non-standard 2200 – 3000 mm
Manual operated with power assist
Control unit built-in behind the fascia above the inside entrance
Outer wall and door sections made from aluminium profiles
Glass outer wall maximum glass thickness of 18 mm
Glass rotating part maximum glass thickness of 14 mm
Ceiling made from aluminium panels
Dust protection roof made from white laminated panels
Flush mount emergency stop button
Independent certification to EN16005:2012
Brushed stainless steel push bars (vertical or horizontal)
Stable park position
Return-to-park position ensures safety and climate control
Speed Control; regulates door speed

Accessories and options

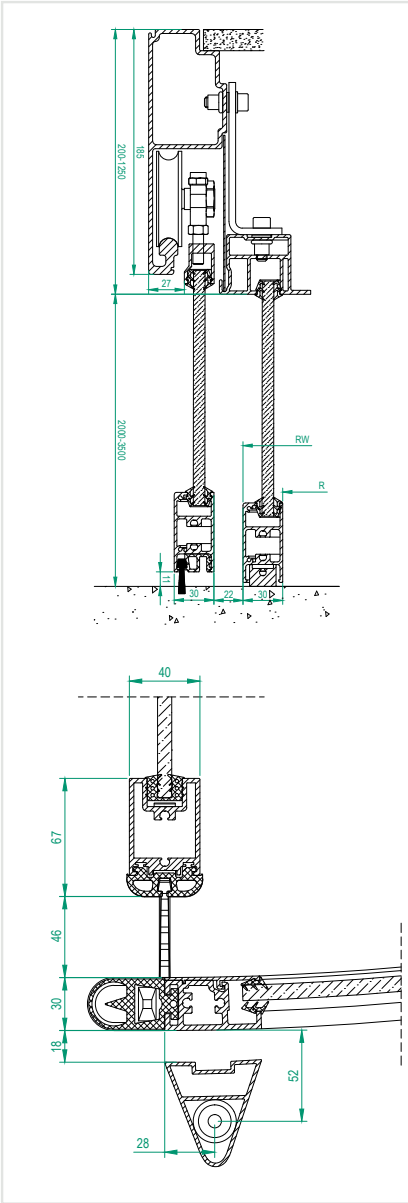
Powder-coated finish (RAL colours), anodized or stainless steel cladding
Night Closing Doors (NCD) internal or external
Burglar resistance class 2 or 3 according to EN1627:2011
Mechanical espagnolette lock on door wing rotating part with or without locked indication
Finished floor installation or installation on stainless steel ground ring
Various finishes for ceiling and dust cover
Various finishes for Water-resistant cover
Midrails on outer wall, NCD and door leaves
Lighting LED with control
Insulated fascia
Electric or water heated Air curtain horizontal integrated in the canopy or external vertical side mounted

Record K100
Power assisted manual door

Our K100 revolving door stands as a first-rate, manually powered entrance solution tailored for customers who need a low-energy door solution – while still upholding unwavering quality standards. Available in both 3-wing and 4-wing configurations, it offers flexibility to suit diverse architectural and functional requirements.

Key benefits

- » Optimised for conserving energy while maintaining quality & functionality
- » Enables users to manually regulate door motion for a seamless & intuitive experience
- » Syncs with pedestrians' pace, offering smooth & gentle motion, with pauses for the next visitor
- » Preserves optimal indoor climate by reducing energy loss
- » Includes integrated braking, supple door wings, & a Return-to-Home position for added safety
- » Offers anodized, powder-coated, or stainless steel finishes, along with designer or custom handles
- » RC2 & RC3 security levels ensure reliable protection



For more
information

Speak to our
sales team

