



www.deuschtec.de

RV320/RV420
Automatic Revolving Door

RV320/420

The Ultimate Statement

Doors which are open and yet close all the time! Deuschtec RV320 and RV420 are chic and eye-pleasing solutions which also offer the highest levels of energy-saving by reducing energy exchange between the inside and outside of buildings.

Deuschtec Revolvings, which are presented in three and four-winged models, will bring elegance to the entry area of any building and bestow magnificence upon your facade.

This marvelous combination of glass and metal together with the advanced technology we have made use of, creates a breathtaking first impression. Having met all safety requirements and standards, Rv320 and Rv420 guarantee your maximum security indefinitely.

Features :

- Stunning design which gives any building a glamorous look.
- In compliance with DIN 18650 and EN 16005 standards.
- Five operating modes: Fully-automatic, semi-automatic, manual, continuous rotation, lock.
- Adjustable speed for individuals with slow movements.
- Straightforward installation and commissioning.
- Easy programming and maintenance.
- Optional collapsible door leaves.
- Three and four-leaves models.
- Maximum levels of safety.
- Smooth silent function.





Designed • Developed • Made in Germany

RV320/420

Technical Detail RV320/420

Outside diameter D (mm)	2000 - 3800
Canopy height (mm)	≥ 200
Opening width A (mm) / 3 leaves	ca. 950 - 1850
Opening width A (mm) / 4 leaves	ca. 1355 - 2615
Drum walls, curved laminated glass 8 - 12 mm	✓
Toughened safety glass door leaf 10 - 20 mm	✓
Drum walls, sheet metal paneling, thermal insulation	✓

Operation Modes

Manual	✓
Fully-automatic (radar motion detector)	✓
Semi-automatic (Push&Go)	✓
continuous rotation	✓
Lock	✓
Summer position	Optional

Characteristics, Options

In-floor drive	Optional
For use in escape and rescue routes	Optional
Horizontal or vertical door handles	Optional
LED lamps in the ceiling	Optional

Floor Ring, Floor Covering RV320/420

Floor ring	Optional
Floor mat	Optional

Night Locking Sliding Door

Outside-running, manual	Optional
Glass	Optional

Locking

Shoot bolt lock on the leaf, manual	Optional
Electromechanical lock	Optional

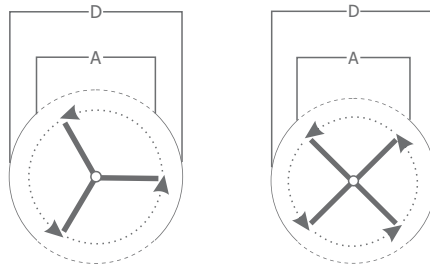
Roof Construction

Dust Roof Protection	Optional
Glass roof	Optional
Ceiling in system color	✓
Exterior waterproof roof with drainage system	Optional

Finishes

Choice of RAL color	Optional
Anodized	Optional
Brushed stainless steel	Optional
Polished stainless steel	Optional

Standard	RV320 - 3 leaves	RV420 - 4 leaves
DIN 18650	✓	✓
EN 16005	✓	✓
EN 60335	✓	✓
EN ISO 13849-1:2008	✓	✓
AufSchR	✓	✓
CE conformity	✓	✓



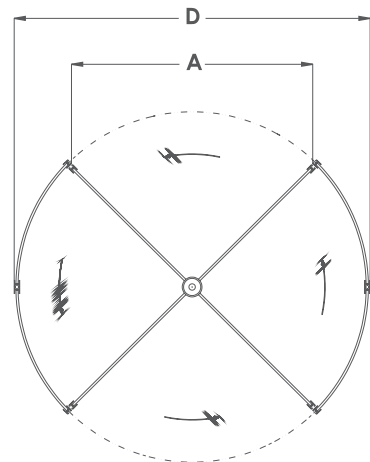
Diameter (mm) - D	Opening width - A / RV320 - 3 leaves	Opening width - A / RV420 - 4 leaves
2000	950	1355
2200	1050	1495
2400	1150	1635
2600	1250	1775
2800	1350	1915
3000	1450	2055
3200	1550	2195
3400	1650	2335
3600	1750	2475
3800	1850	2615

RV320/420

RV420 and RV320 are mainly utilized as a main entrance solution where a quick response time, reliability and robustness are essential. Setting the operation modes via the electromechanical key switch or the digital programme switch is possible. All leading edges of the door are equipped with infrared sensors and bumpers respectively. Furthermore, the drive includes a speed control and blocking detection to ensure the safety of the user.

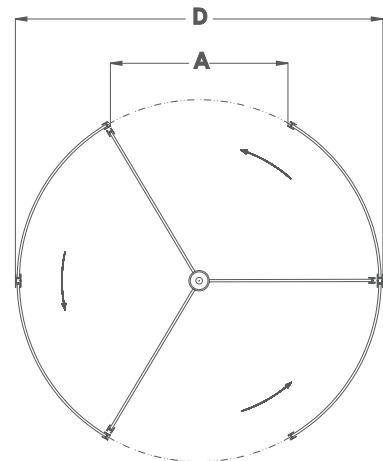
Standard System with 4 Leaves

Outside diameter	2000 - 3800 mm
Total height	2200 - 3200 mm
Passage height	2000 - 3000 mm
Number of leaves	4
Functional programs	<ul style="list-style-type: none"> • Manual • Semi-automatic • Fully-automatic • Continuous rotation • Lock
Rotary cycle	180° (optional)



Standard System with 3 Leaves

Outside diameter	2000 - 3800 mm
Total height	2200 - 3200 mm
Passage height	2000 - 3000 mm
Number of leaves	3
Functional programs	<ul style="list-style-type: none"> • Manual • Semi-automatic • Fully-automatic • Continuous rotation • Lock
Rotary cycle	120° (optional)



RV420 Diameter D	Opening A	Max. number of persons	Capacity / min.
2000	1355	1	2 x 26
2200	1495	1	2 x 26
2400	1635	1	2 x 24
2600	1775	1	2 x 22
2800	1915	1	2 x 20
3000	2055	2	2 x 38
3200	2195	2	2 x 36
3400	2335	2	2 x 34
3600	2475	2	2 x 32
3800	2615	3	2 x 46

RV320 Diameter D	Opening A	Max. number of persons	Capacity / min.
2000	950	1	2 x 22
2200	1050	1	2 x 20
2400	1150	1	2 x 18
2600	1250	2	2 x 33
2800	1350	2	2 x 31
3000	1450	2	2 x 29
3200	1550	3	2 x 41
3400	1650	3	2 x 38
3600	1750	3	2 x 36
3800	1850	4	2 x 46



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EN.19.01052019