



## 가장 다재다능한 회전문

Duotour는 2개의 도어 날개로 이루어져 칸막이 공간이 넓으므로, 쇼핑카트·화물·들것·휠체어와 같은 커다란 물체를 손쉽게 수용할 수 있는 회전문입니다. 이 회전문은 간단한 양방향 직선 통행 기능을 제공하며, 여러 사람이 동시에 사용할 수 있는 높은 수용량을 가지고 있습니다. Duotour의 독특한 디자인은 평범한 출입문을 환경 친화적이고 매력적인 출입문으로 만들어 줍니다.

### 중량 도어 날개

모든 Duotour에는 2-wing 도어셋 중량에 비상 탈출 목적으로 사용하거나 회전문으로써의 기능이 필요하지 않을 때 열어둘 수 있는 도어가 있습니다. AC 모델은 가능한 최대 크기의 유효 오픈 폭을 제공하는 swing 도어(그림 1 참조)로 구성되며, AS 버전의 경우 자동 슬라이딩 도어(그림 2 참조)로 구성됩니다.

이를 통해 Duotour를 풀오토 회전문·자동 슬라이딩 출입문으로 사용하거나, 교통 흐름이나 특수한 상황에 따라 완전히 개방된 상태로 둘 수 있습니다. 전반적으로, Duotour는 의심의 여지 없이 돈으로 살 수 있는 가장 다재다능한 출입문입니다.



### Emergency escape with monitored battery back up

An emergency escape is provided via the central sliding doors. In the event of an emergency the door set will automatically move to the escape position and the centre doors will slide open, even if the main power fails (see fig 3). Unlike conventional revolving doors, the lack of centre column means that a totally clear opening is provided. This facility can also be used to provide automatic venting for smoke clearance where required.

### Night security

The Duotour is provided as standard with electrical magnetic brake units. Parking the door set with the showcases closing off the entrance and activation of the brake units provides night security. There is no need for additional security doors (see fig 4).



*'The Duotour is without doubt  
the most versatile entrance money can buy'*

## Flexible design

**The Duotour has many options in design and surface finish and can be manufactured to match or complement a wide variety of interiors and facades.**

### Finishing

The frame and door set can be finished in powder coated or anodised aluminium. The Duotour can be clad with stainless steel, bronze, brass or other metals (with exception of diameters >4800 mm).

### Construction

The curved walls are available in either solid or glazed versions. Solid walls are constructed from aluminium sandwich panels. Glass walls provide a spacious and transparent feel and consist of slim line aluminium sections with laminated glass. The door set is constructed from extruded aluminium sections, horsehair weather-strips around the edges and tempered safety glass. The canopy can have plywood, stainless steel or aluminium dustcovers. A waterproof membrane can be applied for external use if required. The ceiling consists of folded panels, supplied with insulating material.

### Options

- Glass protection sheets for trolleys
- Ceiling lighting with halogen or low energy lamps
- Push-button for the disabled (temporary low speed)
- Watertight roof
- OmniVent C or V (air curtains)

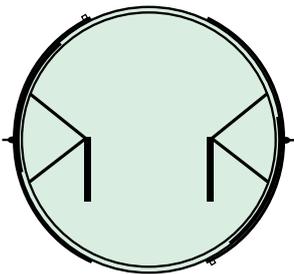


Fig 1

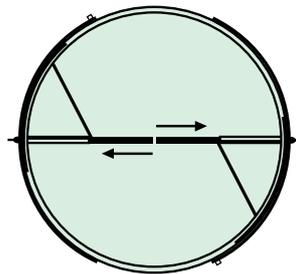


Fig 2

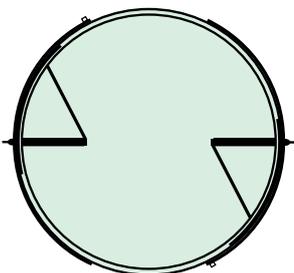


Fig 3

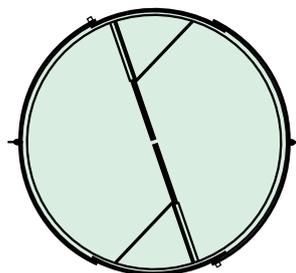


Fig 4

# Standard dimensions and theoretical capacity

<b>D</b> Diameter (mm)	<b>C</b> Throat opening (mm)	<b>E</b> Installation width (mm)	<b>F</b> Doors width (mm)	<b>Max.</b> persons / segment	<b>Capacity /</b> minute <sup>3</sup>	<b>Type of</b> traffic	<b>Escape</b> route	<b>Disabled</b> access
3600	1662	3804	1440 <sup>1</sup> / 1640 <sup>2</sup>	5	2 x 40			
4200	1962	4404	1740 <sup>1</sup> / 1940 <sup>2</sup>	7	2 x 48			
4800	2262	5004	2040 <sup>1</sup> / 2240 <sup>2</sup>	9	2 x 54			
5400	2562	5604	2340 <sup>1</sup>	11	2 x 59			

AS model (sliding door) and AC model (break-out swing door)

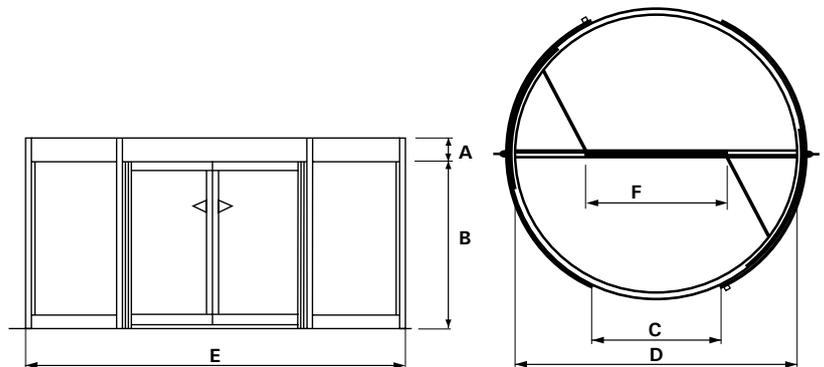
<sup>1</sup>Sliding doors width

<sup>2</sup>Swing doors width

<sup>3</sup>Maximum capacity per minute indicates how many people can pass through the Duotour in both directions

## Dimensions

<b>Diameter</b>	<b>Height A (mm)</b>	<b>Height B (mm)</b>
3600-4800	300-600	2200-2600
5400	400-600	2200-2300



## Technical specifications

Power supply	200-240 VAC, 50/60 Hz
Motor	AC motor, 3-phase
Power consumption:	
Drive units	800 W
Lighting	280 W (halogen) 98 W (low energy)
Ambient temperature	-20 °C tot +50 °C
Fuse	External power supply fused with 16 A slow

## High quality

At Boon Edam, we take quality seriously. Quality of the materials we use, quality of our employees as well as quality of our partners. As with all Boon Edam products, the Duotour is manufactured to the highest standards, is CE approved and complies with the Machine Directive (98/37/EEC), the EMC-Directive (89/336/EEC) and the Low Voltage Directive (93/68/EEC).

Many Boon Edam revolving doors meet the requirements of the Dutch Council of the Chronically ill and the Disabled as being accessible for disabled people.



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