



Revolving Doors |
Portes Tournantes |

Puertas Giratorias
gs - 2hc

Portas Giratórias |
Karusselltüren |



grupsa.com



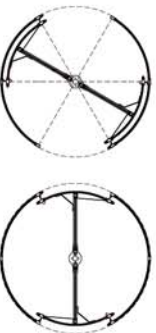
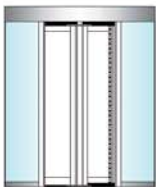
GS-2HC

The Revolving door **GS-2HC** of **Grupsa System** is perfect for buildings where the needs of human trafficking require the **Highest Safety** and **Comfort for the user**. Its **Large Segments** allow a **Fluid People Flow** even carrying cars, bags or wheelchairs. For its **High Safety for the user**, it is perfect for **Busy Public Buildings** such as airports, hospitals, conference centres or sports palaces, which also require **Controlling Expenditure Weatherization** of its superstores, getting the **Amortization** of the GS-2HC investment in **2-3 years**, based on a **Substantial Energy Saving**.

Technical Specifications	
Dimensions	
Standard Overall Height	2400 mm
Number of Leaves	2
Canopy	200 mm
Door Leaves Glazing	Laminated Clear glass 8 mm
Fixed Side Glazing	Laminated Clear glass 8 mm
Night Lock Glazing	Laminated Clear glass 6 mm
Standard Diameter	1800-4000 mm
Standard Free Passage	824-1924 mm
Shaft	Yes
○ Dimensions or Design	Special
○ Glazing	Special
○ Canopy	Special
Automation GS-RD	
Revolving	Automatic
Control Unit	Servodriver Brushless
Transmission	Gear Box
Acceleration	Automatic
Control Display	LCD 7 functions
Texts in Display	LCD Multilanguage
Auto diagnostic	Breakdowns, History, Next service
Rotation Normal Speed	Adjustable 1-4 r.p.m.
Breaks Speed	Adjustable Type ABS
Permanent Rotation Speed	Adjustable 0,5-4 r.p.m.
Disabled Speed	Adjustable
○ Control Display Extension	45-70 m
○ Remote Control	Through Modem
○ Messages System	RD- Voice
Electric Characteristics	
Main Power Supply	220-240 V AC frequency 50/60 Hz
○ Optional Main Power Supply	110-115 V AC frequency 50/60 Hz
Consume	225 W
Operation Temperature	5 °C a 40 °C
○ Electrical Box Extension	45-70 m

○ Optional Equipment

Technical Specifications	
Activation y Safety	
Anti-obstacle Protection	In Leaves
Doors Break Out System	In Egress Direction
Doors Break Out System Force	Adjustable
Stop	With Antipanic Activated
Stop obstacle detection	Automatic
Infrared Activation Sensor	Embedded in the ceiling
Upper obstacle detection Sensor	Infrared
Vertical Safety Photocell	Inner and Outer
Active Vertical Strips	In Curved Sides and Night Lock
○ Passive Vertical Strips	In Curved Sides and Night Lock
Bottom Horizontal Strips	In Leaves
Homologated Disabled Button	Inner and Outer
Homologated Emergency Stop Button	Inner and Outer
○ Access Control	Under Request
Equipment and Surface Finish	
Standard Material	Stainless Steel AISI 316 / AISI 304 Aluminium EN 10204 / Brass DIN 17660 Copper DIN 1787 / Bronze DIN 17662
Standard Surface Finish	S/ASTM no 4 Matt / S/ASTM no 8 Brilliant Mirror Powder Coated RAL K-7 210 Colours / Anodized
○ Electromagnetic lock	Outer Leaf
Spot Lights	4 units 220v
Mechanical Lock	Outer Leaf
Tightness Brushes	In Leaves
Ceiling	Aluminium white colour RAL 9010 Registrable
○ Ceiling	Same material as the door
Roof	Damp-Proof wood pannel T=10 mm
○ Roof	Waterproof Cover Outer Half or Whole circle
○ Roof	Same material as the door
○ Mat Ring	Stainless Steel
○ Post	For Buttons in Stainless Steel
Curved Doors for Night Looking	Integrated in Design
○ Air Curtain	For Heater
○ Drainage System	For rain water
○ Surface Finish	Aged, Steel, Other surface finishes
Standards and Certifications	
CE Mark	Report SGS N° 2107/0891-CER
ISO 9001:2000 Certificate	ER-0674/2001
Electromagnetic Compatibility	2004/108/EEC
Machines Safety	98/37/EEC
Low Voltage	2006/95/EEC



Standard Dimensions			
Reference	Diameter	Free Passage	Egress Passage
2HC2182	1800	824	676
2HC2202	2000	924	776
2HC2222	2200	1024	876
2HC2242	2400	1124	976
2HC2262	2600	1230	1076
2HC2282	2800	1330	1176
2HC2302	3000	1430	1276
2HC2322	3200	1530	1376
2HC2342	3400	1630	1476
2HC2362	3600	1730	1576
2HC2382	3800	1830	1676
2HC2402	4000	1930	1776



TRAFFIC OF PEOPLE THROUGH A REVOLVING DOOR

VERSION	3 LEAVES	4 LEAVES	PEOPLE CAPACITY PER MINUTE	APPLICATION	REMARKS
Manual / Automatic			30 - 60		Pedestrians
Manual / Automatic			60 - 90		Pedestrians with luggage
Automatic			90 - 120		Access for the Disabled and Supermarket Trolleys

Distributed by: