



Revolving Doors |
Portes Tournantes |

Puertas Giratorias
gs - 100

Portas Giratórias |
Karusselltüren |



grupsa-system

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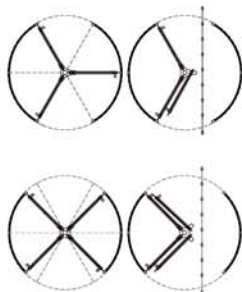
GS-100

The door **GS-100** of **Grupsa System** combines the **State-of-Art Technology** and the **Safety** of its operator **GS-RD** by **servodriver** with the specific needs of each building by its high degree of **Flexibility and Customization**. Both because of its **Aesthetic** appearance with the **Widest Range of Materials and Surface Finishes of the Market and Special Designs**, as because of the **Technical Advantages** represented by **Thermal and Acoustic Insulation** for a better **Energy Saving**, **Remote Control** through modern, **Safety Features and Special Programs**; making each door **Unique**, reflecting the personality and corporate image of each organisation from the building entrance.

Technical Specifications	
Dimensions	
Standard Overall Height	2400 mm
Number of Leaves	3 or 4
Canopy	200 mm
Door Leaves Glazing	Laminated Clear glass 8 mm
Fixed Sides Glazing	Laminated Clear glass 8 mm
Standard Diameter	1800-4000 mm
Standard Free Passage	830-2746 mm
Shaft	Yes
○ Dimensions or Design	Special
○ Glazing	Special
○ Canopy	Special
Automation GS-RD	
Revolving	Manual or 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 Módem
○ 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

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
○ Passive Vertical Strips	In Curved Sides
○ Bottom Horizontal Strips	In Leaves
○ Homologated Disabled Button	Inner and Outer
○ Homologated Emergency Stop Button	Inner and Outer
○ Access Control	Under Request
○ Speed Control	Manual Version
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
Push Handles	Vertical in Stainless Steel Brilliant Mirror
○ Electromagnetic lock	2 Units in Outer Leaves
Spot Lights	2 units 220v
Mechanical Lock	Inner or 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 with Night Lock
○ Curved Doors for Night Locking	Glazed or Solid
○ 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

○ Optional Equipment



Standard Dimensions				
Reference	Diameter	Free Passage	Egress Passage	No Leaves
1803	1800	830	654	3
1203	2000	930	930	3
1223	2200	1030	854	3
1243	2400	1130	954	3
1263	2600	1230	1054	3
1283	2800	1330	1154	3
1303	3000	1430	1254	3
1323	3200	1530	1354	3
1343	3400	1630	1454	3
1363	3600	1730	1554	3
1383	3800	1830	1654	3
1403	4000	1930	1754	3
1804	1800	1190	705	4
1204	2000	1330	805	4
1224	2200	1475	905	4
1244	2400	1620	1005	4
1264	2600	1760	1105	4
1284	2800	1900	1205	4
1304	3000	2040	1305	4
1324	3200	2118	1405	4
1344	3400	2325	1505	4
1364	3600	2465	1605	4
1384	3800	2605	1705	4
1404	4000	2750	1805	4



TRAFFIC OF PEOPLE THROUGH A REVOLVING DOOR

VERSION	3 LEAVES	4 LEAVES	PEOPLE CAPACITY PER MINUTE	APPLICATION	REMARKS
Manual / Automatic			1800 - 2200 1800 - 2200	30 - 60	Pedestrians
Manual / Automatic			2400 - 3000 2400 - 3000	60 - 90	Pedestrians with luggage
Automatic			3200 - 4000 3200 - 4000	90 - 120	Access for the Disabled and Supermarket Trolleys

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