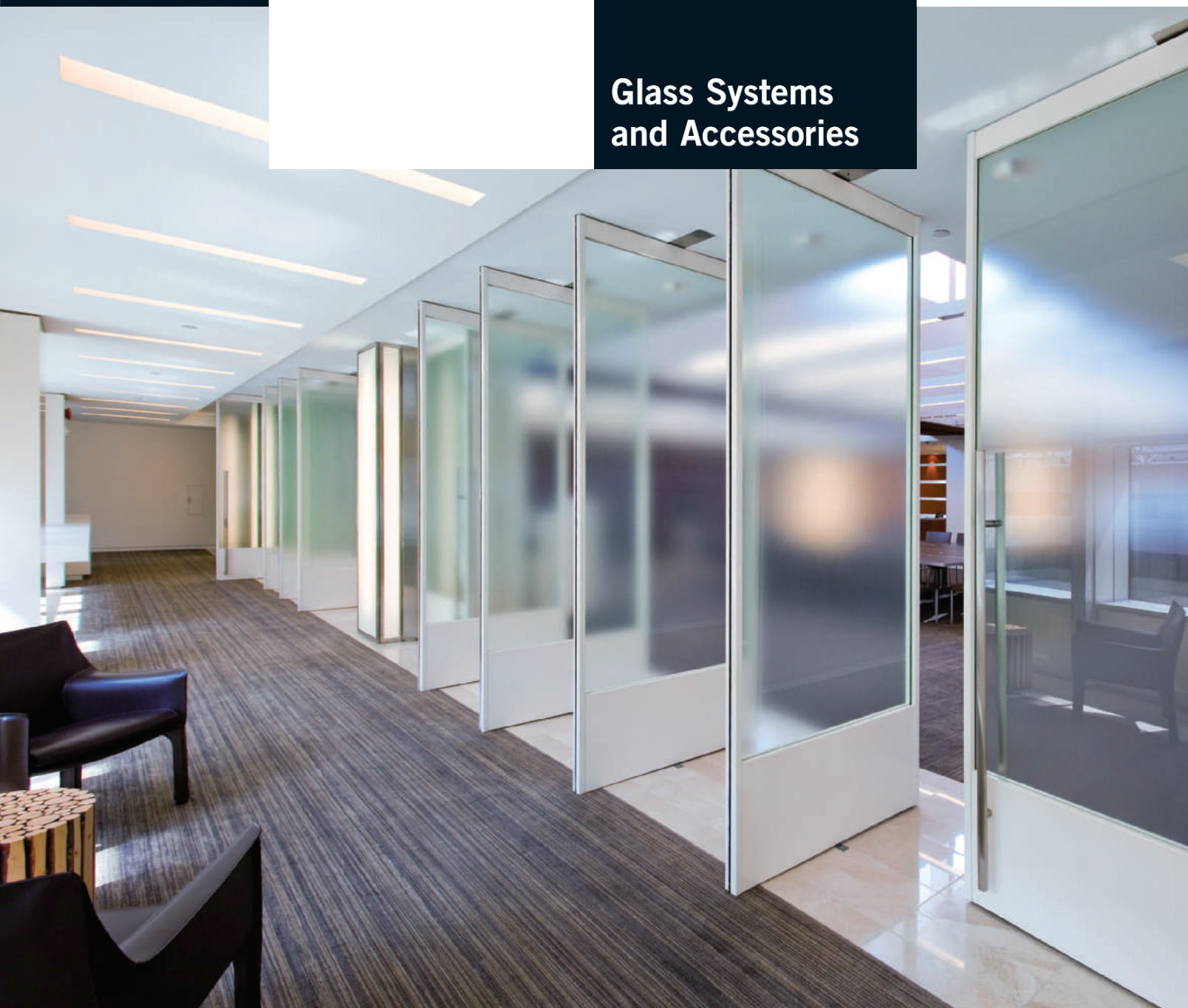




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BuyLine 9987

DORMA Glas

Glass Systems
and Accessories



DORMA Glas — Elegance and versatility



Glass and stainless steel both offer outstanding technical and optical properties. Glass reflects light and projects a sense of space and openness, while steel embodies strength and elegance. DORMA combines the two materials in its line of glass entrance and structural systems —creating products that impart a sense of architectural design.

DORMA Glas is widely acknowledged as the leading designer and manufacturer of systems and accessories for tempered glass entrances. Architects and interior designers who want to include the elegance of glass in their projects are continually seeking systems that are unobtrusive and aesthetically compatible with their designs.

Offering a wide range of hardware from patch fittings to sliding glass partitions, DORMA Glas products offer the versatility designers demand, resulting in elegant minimalist solutions for today's challenges.

A detailed knowledge of contemporary architecture combined with manufacturing techniques of the highest precision guarantee innovative products, outstanding functionality, long service life, and ease of maintenance for all DORMA Glas systems.

HSW Sliding Glass Walls — Ideal for total vision



HSW-G with convertible panel*



HSW-GP

MANET fittings

HSW styles

- HSW-DRS – standard DRS rail, vertical stiles available, rails up to 3/4" (19 mm) glass
- HSW-G – sleek 3-15/16" (100 mm) rail, vertical stiles available, rails up to 3/4" (19 mm) glass, convertible panel*
- HSW-GE – minimal hardware using Universal patch fittings, up to 1/2" (12 mm) glass
- HSW-GP – stylish MANET countersunk stainless steel fittings, laminated tempered glass, up to 1/2" (12 mm) glass
- HSW-R – durable full framed system for exterior use, accommodates up to 7/8" (22 mm) laminated tempered and insulated glass, convertible panel*
- FSW-G/C – folding hinged system, up to 1/2" (12 mm) glass, centrally hung and cantilevered hung systems available

With unlimited styles and options—from standard to custom, frameless to full framed—DORMA Glas HSW systems adapt to your every need. HSW sliding glass walls allow storefronts, conference room partitions, and swing doors to disappear simply and easily.

HSW's many advantages stem from a system design focused on detail and sturdy construction.

- The track can be arranged in a variety of configurations.
- Sliding panels can be moved without using floor guides or channels.
- Each sliding panel is secured in its position by bolts and locks.
- All operating parts are made from corrosion resistant steel.
- Protective buffers on the end caps provide a dual purpose—ensuring proper clearances between the sliding panels while preventing contact with the glass edges.
- Easy to adjust, align, and operate.

* A sliding panel that converts to a pivot panel



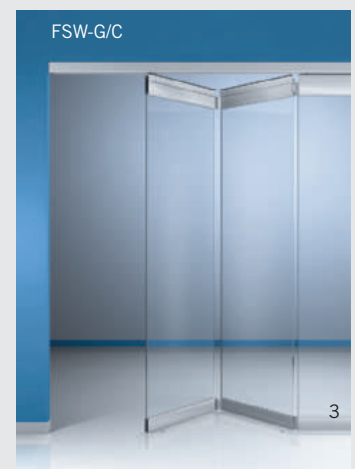
HSW-DRS



HSW-R



HSW-GE



FSW-G/C



AGILE 150

MAGNEO—The magnetic drive sliding entrance system. Powered by linear magnetic drive technology (LMD), the DORMA MAGNEO is an entrance system for any modern interior—public, commercial, or private. With its sleek Contur design, MAGNEO's clean lines blend into any décor. Innovative

LMD technology ensures that the MAGNEO is safe, reliable, whisper quiet, and resistant to wear. New and retrofit interior applications benefit from its modern design and easy operation. MAGNEO offers an attractive and efficient way to update the function and appearance of interior doorways.



MAGNEO linear magnetic drive sliding entrance system

Sliding Systems — Frameless beauty, space saving design

Saving up to 10% of floor space compared to pivot doors, DORMA sliding glass door systems create efficient and elegant transparent openings for office or residential applications.

AGILE 150—Sleek design, unmatched durability. The DORMA AGILE 150 system combines versatility and durability to create a sophisticated and minimalist opening. The hidden rollers operate on a compact track that can be mounted on a wall or ceiling, or recessed into the ceiling for an all-glass look. The system also provides superior versatility in installation and maintenance with no glass fabrication. The **Syncro** version allows two panels to open and close simultaneously.

DORMOTION—Assisted closing, comfortable cushioning. AGILE 150 systems now offer an additional convenience: DORMOTION cushioning. DORMOTION springs gently assist and smoothly draw the sliding panel to its end position as it travels on the roller assembly. Once the door has been opened or closed, an end stop holds the panel in place—eliminating both uncontrolled fallback and incomplete closure.



MANET

MANET—Uninterrupted style. MANET doors discreetly enhance the ambience of any room. High quality stainless steel fittings create sliding doors with minimal hardware—the glass doors virtually appear to float. Smooth-running rollers glide on the track, ensuring efficient, quiet operation every time. MANET systems accommodate single, bi-parting, and curved applications. **MANET COMPACT** sets are readily available and include all hardware required for the door.



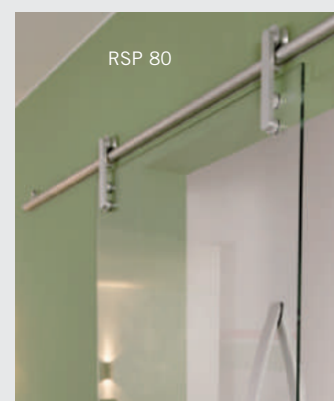
BEYOND Sliding

BEYOND—Perfect balance, systematic design.
DORMA BEYOND fittings give perfect balance to sliding glass doors. The articulated mounting of the roller spindle on the roller assembly guarantees equal loading of the two-parallel running rollers.

RS 120—Effortless and quiet.
DORMA RS 120 doors—with a light, yet rugged hollow profiled aluminum track—can be mounted directly under the ceiling or onto a wall. Fiber-glass-reinforced plastic track rollers with needle bearings guide the rollers effortlessly and quietly along the track.

RSP 80—Effortless convenience.
Combining MANET design with aluminum hardware, the RSP 80 ensures unparalleled lightness to the touch. The rollers quietly guide the sliding panel to the required position, rolling unhindered to a safe stop every time.

DRS 120—Rugged construction.
The original DORMA DRS 120 combines the RS track and rollers with the standard DRS clamp-on rails to create a revolutionary and durable sliding system. The DRS 120 matches the design of both HSW-DRS sliding doors and the DRS Rail System, enhancing the versatility of all three systems.



RSP 80

Handles & Housings — Many styles, easy preparation

DORMA Glas has developed housings that reduce glass preparation and provide maximum clamping area and optimum clamping action. Many styles are available to meet the form and function requirements of any application.

DORMA Housings

DORMA Studio Rondo



DORMA Junior Office



DORMA Studio Classic



DORMA Junior Office Classic



DORMA Studio Gala



DORMA ARCOS Office



DORMA Hook Lock



DORMA ARCOS Studio



MANET Handles

ARCOS Handles

DORMA Handles

- **TG Handles.** Every TG handle is custom ordered and delivered to schedule and to specification, so adapting on site is unnecessary.
- **ARCOS Handles.** ARCOS handles—featuring an arc-like curve to match ARCOS fittings—come in two lengths and two finishes: 13-3/4" (350 mm) or 29-1/2" (750 mm) in Clear Anodized or Satin Stainless.
- **MANET Handles.** MANET satin stainless steel handles come in four fixed lengths and in single-sided or back-to-back versions. They can be affixed horizontally, vertically, or in a handrail configuration.
- **Pull Handles.** DORMA offers a selection of solid tube back-to-back and push/pull handles.

Pivoting Systems — Optimized solutions

DRS Rail System—Innovation and quality.

- Original clamp-on rail system from DORMA
- Quick, easy door assembly
- Delivered with all DORMA hardware prepped and installed
- Door height adjustable on site
- Easi-Align™ adjustable prep blocks for setting door clearances and pivot centers while the door is installed
- Accommodates 3/8" (10 mm), 1/2" (12 mm), 5/8" (15 mm), and 3/4" (19 mm) thick glass



VISUR—Perfect transparency. DORMA VISUR is the only product of its kind offered in the market today—a system without any visible fittings for a transparent look. All hardware components are completely hidden—located in the top recessed header tube and concealed in the floor. The transparent door reflects and enhances the design to maximum advantage.

TENSOR—Convenience and precision.



The DORMA TENSOR double-acting hinge is suitable for a wide range of applications, including conversions and renovations. The hinges can be wall mounted or glass mounted—making TENSOR the only hinge on the market able to be

mounted glass-on-glass. TENSOR features an automatic closing function that always brings the door safely back to its zero position, eliminating the need for a door closer.

Patch Fittings—Discrete perfection and versatility. Patch fittings are ideal for almost any design. They offer a broad range of options and configurations to create interior and exterior openings that are technically sound and visually attractive.

Universal—Standard and stocked; accommodates 3/8" (10 mm), 1/2" (12 mm), 5/8" (15 mm), and 3/4" (19 mm) thick glass; fin fittings at different angles.

ARCOS—Stylish arc-shaped fittings; accommodates 3/8" (10 mm) and 1/2" (12 mm) thick glass.



DORMA Dri-Fit™ System—Simplified glazing.

- Dri-Fit™ Gasket—used in sidelite rails, headers, and u-channels.
- Dri-Fit™ Sidelite rails—match DRS Rail System.
- Dri-Fit™ U-channel—eliminates the need for silicone.

BEYOND—Pinch free. BEYOND swing door systems prevent fingers from being trapped.

Offered with either an elegant, continuous pivot rod or smart short rod, BEYOND is suitable for any application.

BEYOND



Continuous Rod

MANET—Function and design. MANET flush-mounted single-point fixings allow maximum architectural freedom to create frameless glass swing doors. MANET pivot doors can be wall-, transom-, or sidelite-mounted, accommodating various glass thicknesses.

MANET pivot



DORMA ENTRY

Structural Hardware — Transparency in the system

Façades, roofs, canopies, and external/internal walls made of glass require construction systems that satisfy the highest demands for functionality and aesthetic elegance. DORMA has designed a range of options that sets new standards and offers a variety of solutions to create innovative and exciting transparent architecture.

- Single source solution provider: DORMA
- Hardware systems for meeting all glazing requirements
- More adjustment features than any other line of structural hardware
- Maximum transparency for façades, canopies, and overhead structures
- Completely engineered systems with PE stamp
- Test reports available for all hardware components

The **RODAN System** is a comprehensive package of single-point fitting solutions for a wide range of glass applications. With both rigid, articulated glass fittings connected to spider fittings, tension rod, and truss systems are all available, offering nearly unlimited possibilities. Made of high quality duplex stainless steel, the standardized RODAN Spider system ensures the ultimate safety, performance, and design efficiency for today's transparent glass structures. Available in either mild or stainless steel, the **RODAN Tie-Rod System** meets the demand for transferring high tension forces with a light, transparent substructure.

The **MANET Construct System** offers single-point glass fittings for creating glass façades safely and economically—with maximum load-bearing capacity. The standard **MANET Construct Spider System**, made of high quality duplex stainless steel, is ideal for safely constructing today's tall transparent glass structures. The **MANET Construct Connector System** is ideal for lighter transparent glass façades. In combination with glass fins, MANET Construct Connectors and standoffs enable maximum visibility.

The **LOOP System** enables highly transparent, efficient, and economical façade designs. Corner and edge glass supports eliminate the expense of drilling holes in the glass and reduce preparation and installation time. The retaining ring of powder-coated steel—with just the perfect grip pressure—connects glass panels of all types and thickness. With standardized accessories, including universal adapters, console components, and compression-rod members, LOOP fittings can be used for any application design.

The **GlassFin System**—with its two-fitting style—provides architects with pleasing options for façades with glass fins as their structural component. Elegant twisted arms offer a unique architectural element. The “C” spider features hidden adjustment bolts for clean, artful application. Both solutions enable designs and lines that give architects an organic fitting solution with uncompromising quality and strength.

The **V Spider System** provides an economical solution without compromising quality or capacity. The V Spider is made from common stainless steel to ensure ultimate safety and performance for today's economical transparent structures.



DORMA Closers

Concealed Floor Closers

BTS80

- Accommodates doors weighing up to 660 lbs (300 kg)
- Multipoint hold open between approximately 75° and 175°
- Exterior Barrier-free series meets 8.5 lbs (4 kg) maximum opening force
- Closer body is non-handed

BTS80F

- U.L. listed for use with fire doors
- Non-hold open only
- Closer body is handed

BTS80EMB

- Provides electromagnetic hydraulic hold open feature allowing doors to self close upon interruption of electrical current

BTS75V

- Accommodates doors weighing up to 260 lbs (118 kg)
- Adjustable spring power from size 1 to 4
- Single point hold open at 90° or 105° or no hold open
- Interior Barrier-free series meets 5 lbs (2 kg) maximum opening force
- Closer body is non-handed



BTS80 Concealed Floor Closer

Concealed Overhead Closers

RTS88

- Compact closer body fits into DORMA RP header
- Accommodates doors weighing up to 250 lbs (114 kg)
- Closer body is non-handed
- Integral stop limits door swing to 90° or 105°

Pivots

LM Series Pivots

- Center hung and offset pivots
- Available in an array of finishes to enhance and complement the surrounding décor
- Pivots use brass and steel for long life and trouble-free operation

DORMA Exit Hardware — DG1000 / DG1100 / DG1300

■ Features

- U.L. Listed
- BHMA Certified — ANSI/BHMA Grade 1, Type 2
- Two-year warranty
- All standard exterior pull combinations available
- Bolt-action mechanism hidden within interior of door handle
- Stainless steel and brass, polished, or satin finishes available

- Used with 1/2" (12 mm) to 3/4" (19 mm) thick tempered safety glass
- Accommodates a wide range of door sizes

■ Styles

- Exit devices
- Dead bolts
- Dummy pulls
- Easi-Release electronic egress

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DORMA Low Energy Operators

DORMA ED700

- Smooth, quiet operation and elegant slim line design
- Perfect solution for applications requiring barrier-free access
- Custom ordered to match application



ED700



ED400-IG

DORMA ED400-IG

- Automatic In-Ground floor closer conceals the automatic components
- Can be used in both new construction and retrofit applications