



Bolton Gate Company

BOLTON EUROFOLD Industrial Sliding Folding Shutter Door

DATA SHEET REFERENCE NO. 1-3

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Bolton Gate Company's Eurofold sliding folding shutter has outstanding strength and versatility which, combined with bespoke sizing, render it suitable for the most diverse range of external and internal closure applications, from the smallest commercial to the largest industrial openings.

Bolton Eurofold doors are available in single or in pairs, manual or electric, and are an extremely smoothly operating durable product, capable of withstanding vehicle collision and even the severest wind conditions.

Performance Characteristics:

Arrangements up to Wind Load Class 5 are available.

Applications Include:

Loading Bays, Factories, Garages, limited headroom applications.

STANDARD SPECIFICATION

Operation

Manual push / pull operation is provided as standard.

An option for electrical operation can also be supplied using a totally enclosed 400-volt nominal, 3-phase geared motor.

A constant pressure push button starter is provided for use adjacent to and in full view of the opening. In the event of power failure, a disconnection to manual operation is included.

Gate Frame

The Bolton Eurofold's intrinsic strength is gained from the gate frame which is formed from unique double channel vertical pickets made from 1.2mm thick galvanised steel. These are interconnected by 2mm thick galvanised cold formed lattice bars.

The gate frame is top hung from a ball bearing pulley connected to the picket by zinc plated pulley brackets. At the base the frame is fitted with zinc plated bottom guide pieces designed to run in a bottom track.

Leading Edge

The high security leading edge strengthens the shutter further and is manufactured from a galvanised section which incorporates pull handles. An overlapping weather astragal is provided.

Shutter Leaves

Ease of operation and strength is gained from the full height galvanised steel shutter leaves at 229mm or 305mm wide x 1.2mm thick. These are formed into a unique detail to provide a continuously interlocking weather resistant installation when interconnected by securely capped galvanised hinge strips.

Top Track

The top track used to support the shutter is constructed from two 90mm deep galvanised steel sections, bolted together to give a strong, smooth running profile designed to minimise friction. A key benefit is that only a small amount of headroom is required for the top track and variable packing is provided to allow adjustment in height.



Bottom Track

The bottom guide pieces are retained within a 3mm thick galvanised steel bottom track channel.

Coverplate / End Panels

A galvanised steel weather coverplate is provided over the top of the shutter leaves which is bolted to the top track and supported by straps to provide both security and weather protection.

For doors face fixed behind and bunching clear of the opening an aesthetically pleasing, weather resistant closure is provided using galvanised steel sheet end panels. For increased security, single doors close onto a galvanised steel slam channel fixed full height to the opening structure.

Shutter Arrangements

Eurofold shutters are supplied to fit internal, between or external of opening structure, shutters are supplied single (bunching to one side), or in a pair, i.e. bi parting, manual or, as an extra, electrically operated.

MAXIMUM SIZES

Single: Up to 50m² (max 10m in width & max 6m in height).
Pair: Up to 100m² (max 20m in width & max 6m in height).

Please refer to 'Bolton Superior' (Data Sheet 1-1) if sizes in excess of the above required.

FINISH

Mainly galvanised steel with ungalvanised components finished with one coat of priming paint.

WEIGHT

Approximately 32kgs m².

OPTIONS

- Electric operation.
- Polyester powder coated finish in a range of standard RAL colours.
- Vision panels.
- Safety edges / photocells.

EUROFOLD DOOR – TECHNICAL DETAILS

FIXED BETWEEN ARRANGEMENT

SINGLE DOOR		PAIR OF DOORS	
OPENING WIDTH 'W'	BUNCH 'B'	OPENING WIDTH 'W'	BUNCH 'B' (EACH SIDE)
UP TO 587	211	UP TO 1174	211
UP TO 1019	238	UP TO 2038	238
UP TO 1451	265	UP TO 2902	265
UP TO 1883	292	UP TO 3766	292
UP TO 2315	319	UP TO 4630	319
UP TO 2747	346	UP TO 5494	346
UP TO 3179	373	UP TO 6358	373
UP TO 3611	400	UP TO 7222	400*
UP TO 4043	427	UP TO 8086	427*
UP TO 4475	454	UP TO 8950	454*
UP TO 4907	481	UP TO 9814	481*
UP TO 5339	508	UP TO 10678	508*
UP TO 5771	535	UP TO 11542	535*

* ON ELECTRIC DOORS ADD 50 TO DIM. 'B'

FACE FIXED ARRANGEMENT

SINGLE DOOR		PAIR OF DOORS	
OPENING WIDTH 'W'	BUNCH 'B'	OPENING WIDTH 'W'	BUNCH 'B' (EACH SIDE)
UP TO 681	238	UP TO 1462	238
UP TO 1531	265	UP TO 2272	265
UP TO 2087	292	UP TO 3082	292
UP TO 2645	319	UP TO 3892	319
UP TO 3202	346	UP TO 4702	346
UP TO 3759	373	UP TO 5512	373
UP TO 4316	400	UP TO 6322	400*
UP TO 4873	427	UP TO 7132	427*
UP TO 5430	454	UP TO 7942	454*
UP TO 5987	481	UP TO 8752	481*
UP TO 6544	508	UP TO 9562	508*
UP TO 6985	535	UP TO 10372	535*

* ON ELECTRIC DOORS ADD 50 TO DIM. 'B'

HEAD DETAIL

BOTTOM TRACK DETAIL

HEAD DETAIL

ALL DIMENSIONS IN mm