



 **UK ROLLER SHUTTERS**
SUPPLIER & FITTER OF ROLLER SHUTTERS

**FAST ACTION STEEL
SHUTTER**

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E-Speed Dual Door Model



PRODUCT DESCRIPTION

Our fast action E-Speed model of roller shutter, often dubbed our "dual door", does the job of two roller shutters offering both security and insulation, with speed and convenience.

Made from lightweight, insulated steel and wired up to a clever control panel enables this roller shutter to travel up to maximum speeds of 1000mm/second.

Typically these shutters might be used in areas concerned about climate control and/or hygiene such as car garages or food factories. Because of their security properties and rapid closing nature, they can also be used in areas needed to close down quickly such as banks or book keepers

IDEAL USES

- Car garages
- Food Factories
- Banks
- Book Keepers

KEY FEATURES

- Made from insulated steel
- Can move up to 1000mm/second dependent on application and size
- Can be powder coated any RAL colour
- Can be operated using a number of control options and trigger methods.

TECHNICAL SPECIFICATIONS

SHUTTER CURTAIN

Constructed from pre-galvanised material. Ecotech formula foam infill - CFC free/ODP zero with a low global warming overall 'U' value of 4.8 W/m² K. Each panel section is 94mm deep with multi-ribbed face for rigidity.

END LOCKS

The curtain, when assembled is held in position with purposely-designed injection moulded end fittings, manufactured from hardwearing nylon-6, which sits on the outside of the panels minimising scuffing and damage.

BOTTOM SEAL

The bottom panel of the shutter is terminated with a specially designed aluminium extruded section complete with interlocking (EPDM) rubber weather seal.

BARREL

Manufactured from seamless mild steel tube to BS4760 Grade 50C. Size to suit door width and height. Maximum barrel deflection 1:400. Fitted with precision-machined BDMS axles to BS970 EN33.

MAIN SUPPORT BRACKETS

The main support brackets for the barrel and motor unit are manufactured from mild steel plates of varying thickness and incorporate the necessary fixing positions for securing back to the opening structure.

VERTICAL SIDE GUIDES

Formed from pre-galvanised material having a minimum thickness of 2.5mm incorporating twin vertical brushes on both inner and outer face of the guide. Brush carrier is constructed from PVC of medium impact strength, finished black and incorporating twin siliconised polypropylene weather strips, these running the full height of the door guide. The guide form is designed to allow reduced working faces and tapered inner faces to provide automatic interlocking/retaining feature for performance of retention under wind load. Complete with continuous 100 x 65 galvanised fixing angle.

OPERATION

Operation via Safedrive® Fi Drive unit with built-on frequency inverter with high precision worm drive gear box with integral safety brake system to British and European standards for industrial doors BS 12604:2002. Mechanical aspects and BS 12453:2001 safety in use of power operated doors. Drives are designed for a typical door size to have a life of more than 20,000 cycles and for use up to 6 times per hour. The drive is fitted with low level manual operation in accordance with EN 12453 and 12604 hand force up to 390N is permissible for large, heavy doors. Manual operation is only used for closing the door. In case of Safedrive® units fitted with electric brakes, manual operation is carried out against the brake.

OPTIONS AND VARIATIONS

Fascia's

Galvanised steel hoods can be supplied to cover the coiled shutter and motor.

Operation/Controls

Electric

(Not all options are available on all size shutters)

Key switch

Radio/remote Control

Rocker switch

Timer closing

Loop and Radar operation

Smart phone

Swipe Card activation Manual

Finishes

Can be Polyester powder coated or plastisol coated in a range of standard RAL colours' for an extra charge.

ILLUSTRATIONS



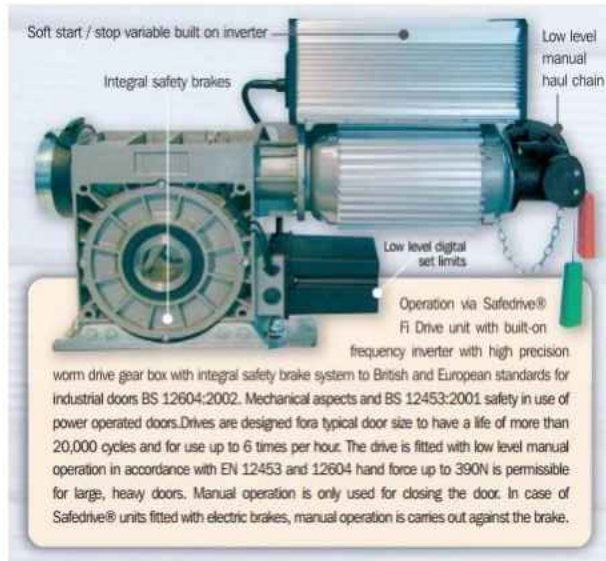




Smart Door Control System

The control panel uses a fast acting safety edge function designed to minimize the forces that can be exerted by the leading edge of the door.

Furthermore, the control panel is very simple and quick to programme with the aid of a clear LED display. The controls have been certified to be in conformity with BSEN 12543 and BS EN 60335-1 by an independent laboratory. It has many features including fault diagnostics and a cycles counter for service intervals.



UKRS E-Speed Insulated Roller Shutter

Shutter Curtain
Constructed from pre-galvanised material, Ecofoam formula foam fill - 07C FreeQD zero with a low global warming overall U value of 4.9 W/m²K. Each panel section is 81mm deep with multi-ribbed face for rigidity.

End Locks
The curtain, when assembled is held in position with purpose-designed injection moulded end fittings, manufactured from hardwearing nylon-6, which sit on the outside of the panels minimising buffing and damage.

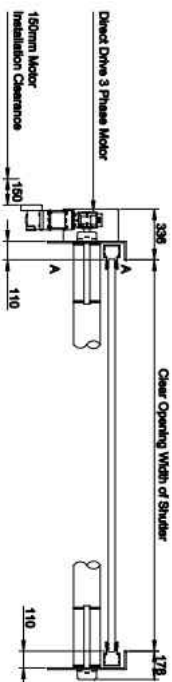
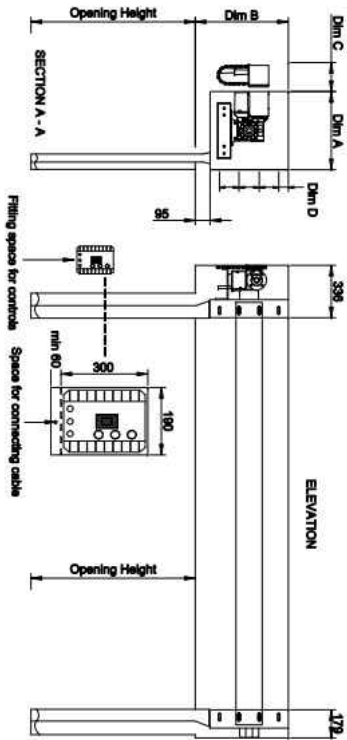
Bottom Seal
The bottom panel of the shutter is terminated with a specially designed aluminium extruded section complete with interlocking (EPDM) rubber weather seal.

Barnet
Manufactured from seamless mild steel tube to BS4170 Grade 50C. Size to suit door width and height. Maximum barnet section 13400. Fitted with precision-machined BDM5 axes to BS970 EN53.

Main Support Brackets
Main support plates for the barnet end roller unit are manufactured from mild steel plates of varying thickness and incorporate the necessary 'bing' positions for securing back to the opening structure.

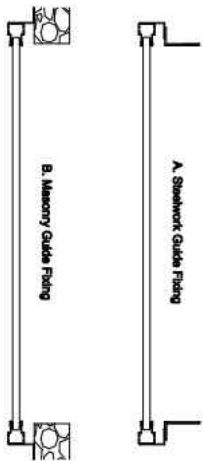
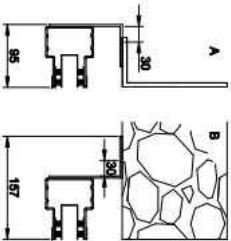
Vertical Slide Guides
Formed from pre-galvanised material having a minimum thickness of 2.5mm incorporating built vertical brushes on both inner and outer face of the guide. Brush carrier is constructed from PVC of medium impact strength, finished black and incorporating with aluminium polypropylene weather strips, these running the full height of the door guide. The guide form is designed to allow rounded working faces and tapered inner faces to provide automatic raincoefficienting features for performance of retention under wind load. Complete with continuous 100 x 60 galvanised bing angle.

Operation
Operation via Selective FI Drive unit with built-in frequency inverter with high precision worm drive gear box with integral safety brake system to British and European standards for industrial doors BS 13004:2002. Mechanical aspects and BS 12463:2001 safety in use of power operated doors. Drives are designed for a typical door size to have a life of more than 20,000 cycles and for use up to 6 times per hour. The drive is fitted with low level manual operation in accordance with EN 12453 and 12004 hand force up to 300N is permissible for large, heavy doors. Manual operation is only used for closing the door. In case of Selective units fitted with electric brakes, manual operation is carried out against the brake.

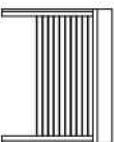


WIDTH	HEIGHT	Dim A	Dim B	Dim C	Dim D
2000	2000	360	450	235	25
3000	3000	360	550	235	25
4000	4000	400	595	229	20
5000	5000	450	645	285	35
6000	6000	500	695	235	60

Door hood addition - Dim B + 50



All Dimensions in mm



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