



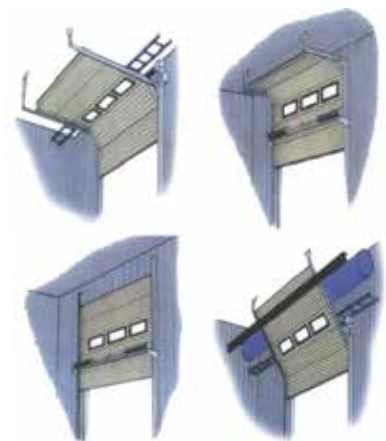
Sectional Doors

Sectional doors open vertically and thus create more space in front of and behind the door. The door sections are parked flat underneath the ceiling, vertically above the opening or in line with the roof.

Fastlink FLS500 Insulated PU Sectional Door panel is made of PU thermal insulation panels with excellent thermal insulation qualities. It operates stably with low noise, light weight, simple structure and is easy to install and use. It can provide security for many occasions.

Salient Features

- Effective Insulation
- Durable Panel
- Strong Wind Resistance
- Superior Air Tight Performance
- Variable Lifting



Cetrifications and patents



CE



Wind Load Water Penetration Air Permeability



PU Density



Fire resistant - B2



Aluminum alloy roller support



Wind Resistance track design



Wind resistance column

The Insulation Panel



Two layered 0.5mm zinc-aluminum galvanized steel
Huntsman Polyurethane inside with a density of 42kg/m³
Interior have continuous back up steel strips
Fire-protection rating GB8624-B2
Thermal conductivity k-value:0.5Watt/(m²x°C)
Thermal resistance λ-value:0.0170kcal/(m×h×°C)
Pinch-resistant door panel design

Insulated Door Panel—Full automatic continuous production line



Uncoiler



Proofing



Contimat



Cross Cutter



Panel

Foaming Machine



Steel plate cutting roller forming



Foam forming machine



Polyurethane filling

Advantages

Door Panel



Fastlink Door Panel

Made using automated production line

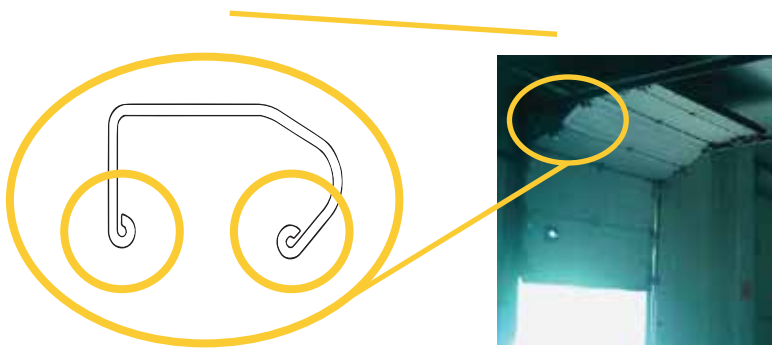


Other Door Panels

Hand made with older technology

	Fastlink	Other
Production Technology	German automatic production line with precision control for high efficiency production	Handmade by workers resulting in unreliable quality, low efficiency
Panel Material	Finger print resistant 0.5mm Bao steel color coated plates and evenly high density German bayer polyurethane foam	0.45mm alluminium plate, plastic door plank structure that may split and foam of uneven density
Hinges and Window Holes for panels	Customised pre-fabricated panels for fast, precise and efficient instalation	No such options available
Internal Block	Not required, High quality foam injection is interated into the production process.	Internal panel need foam block to be installed seperately which affects plate strength

Track



Fastlink track uses patent design which prevents idler wheel run out from orbit, special design increase the anti-wind capability of the door.



Bolt to Connect the track and track-laying, reduce the maintenance cost

	Fastlink	Other
Track	2.0 mm Bao steel, galvanized steel	1.8 mm galvanized steel plate
Track design	Patent design	Ordinary C orbit
Connection Type	Bolted connection	Dieless clinching

Advantages

Torsion Spring Balance System

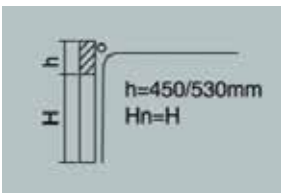


Fastlink Torsion springs are Precision-engineered and given special heat and oil immersion antirust treatments

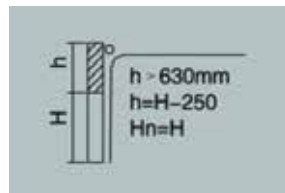
Other torsion springs are simply immersed in oil, prone to dust and require maintenance.

Configuration	Fastlink	Other
Material	60 Si Mn - Long service life	82B - Short service life
Shaft	Standard solid circular shaft	Non standard hollow shaft
Wire rope pulley	Cast alluminium alloy	Plastic parts
Wire rope fixed seat	Steel components	Plastic parts

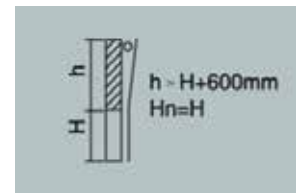
Lifting Mechanisms



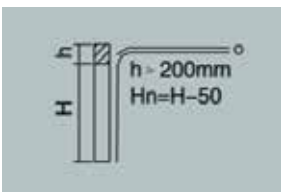
FL/1 intel height: 450/530mm
Standard lifting method of sectional door



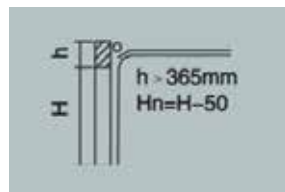
FL/2 intel height: >630mm
Used for reaching maximum ceiling height



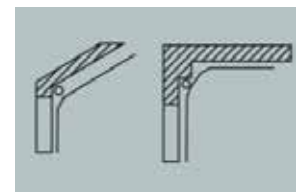
FL/3 intel height: >H+600mm
Used for bigger plant and/or other special needs



FL/4
Mainly used for very low intel height

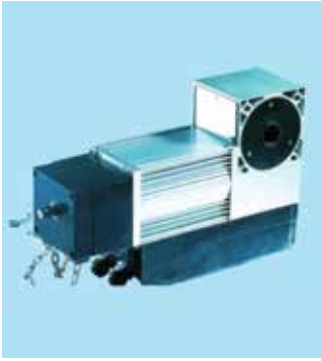


FL/5
Used for intel height equivalent to 365/400mm



Special lifting method for uneven slope, slanted roof or stumbling block incurred during installation

Electronic Control System



50S



120S



400S



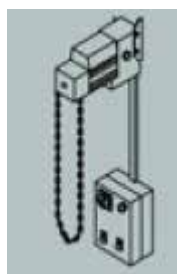
Control Box

Features

- Compact structure and light weight.
- Powerful starting torque.
- Quiet and stable operation.
- Oil immersed gear reducer.
- Thermal protection.
- Self-locking in closed position.
- Manual override in case of power failure.
- Control board is available in a plastic box or integrated with the motor
- Wiring terminals for button switch, pressure sensor and infrared photocell.
- Emergency switch on control box.
- Hopping code remote control with max. 100 pcs hand transmitters.
- Remote distance up to 30 meters.
- FCC approved .

Model	KG50	KG50S	KG60	KG120S	KG400	KG400S
Power supply	220V/50Hz	380V/50Hz	220V/50Hz	380V/50Hz	220V/50Hz	380V/50Hz
Motor power	300W		550W		1200W	
Max. output torque	30 N.m	50 N.m	60 N.m	120 N.m	200 N.m	400 N.m
Output shaft aperture	Φ 25.4 mm		Φ 25.4 mm		Φ 40 mm	
Output rotate speed	32 rpm		22 rpm		13 rpm	
Max travel distance	28 cycles		18 cycles		20 cycles	
Max continues working	10 times	12 times	10 times	12 times	8 times	12 times
Thermal protection	120°C		120°C		120°C	
Motor weight	12 kg		22 kg		50 kg	

Accessories



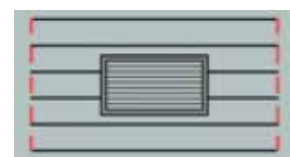
Motor



Locksets



Window



Ventlight

Implemented solutions



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Kshмата Engineering Solutions and Consultancy (KESCC) Private Limited came into existence to fill the gap in quality of service and expertise for products in the industry.

The company strives to provide the best-in-class service - on-time, every time, thus adding value to its customers. This is achieved in all projects because of the process based approach and a dedicated manager to closely liaise with consultants/project managers for a smooth execution. To supplement the best-in-class service quality, the company deals with only the best quality products in the industry for all verticals of operation - Warehousing Solutions, Fire Protection Solutions, Security Solutions, Ventilation Solutions.



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