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Q100 Steel Roller Shutter

The Q100 Roll Formed Roller Shutter with 100mm Galvanized Steel slats as supplied by Steel-Line.

The heavy duty steel slat is designed to withstand the wear and tear of industrial and commercial applications with minimal maintenance. The rolled slat can be replaced individually should the damage occur.

The Q100 Steel Roller Shutter is purposely built with guide channel that has nylon rubber to minimize the noise that comes from the interlocking slats. The Q100 Steel Roller Shutter can be hand operated or electric operated. Each slat is fitted with nylon end clips to reduce the lateral movements and ensure smooth operation for the life of the door.

The Q100 Steel Roller Shutter is available in a limited range of Colorbond colours.

Colorbond® Colour Options (available in 1.0 mm only)



Duralloy Powdercoat Options also available.

Standard Curtain

The Q100 shutters are available in 0.8mm and 1mm thickness.
Note: Recommended maximum width is 10 metres. Refer to Steel-Line Counterweight products for larger single span openings.

Curtain Alternatives

Slotted Slats (Ventilation) – Any number of the slats can be punched with 90mm wide x 25mm high slots.

Multi-hole Slats* – The slats can also be continuously perforated with 2.41mm diameter holes at 3.66mm staggered centres prior to rolling (this allows maximum air flow the holes are over the entire surface area of the slat). These perforations cover 40% of the slat surface.

**The perforation process removes much of the Galvabond protection from the slat. Premature surface corrosion may occur as a result. This is not covered by warranty.*

Roller Drum

The roller drum is a robust seamless steel tube encasing the shaft and helical counterbalance spring (for manually operated). The end caps and roller bearings are designed to provide smooth operation.

Guide Channels

2mm galvanized steel is roll formed with the nylon rubber to make a noticeably quiet steel roller shutter when opens and closes on a 100mm x 48mm guide channel.

**Nylon rubber not available with wind locked guides.*

Support Bracket

The support brackets are fabricated from mild steel plate and designed to be fitted to a solid fixing point of adequate strength to support the weight of the door and any wind loading that may be required (adequate fixing points to be supplied by others).

Bottom Rail

The bottom rail is roll formed from 3mm galvanized steel to make a 50mm x 50mm angle. This angle is securely fixed to the front of the slat (bottom of angle protrude to inside of opening). This can also be aluminium bottom rail.

Operation

Hand Operation – Small roller shutters with an area of 6 square meters may be hand operated. Pull hook is provided for opening and closing the door.

Electric Operated – Motorization includes 1Hp motor incorporating a standard reversing contractor and an Up, Down, Stop button controller with a hand chain override in case of power failure. For remote control and other options, please contact Steel-Line. All wiring will be by others.

Locking Operation

Hand Operated – will have sliding shoot bolts.
Electric Operated – by electrical motors and controls.

Finish

Standard finish is galvanised curtain and guides with all other exposed parts prime painted. Optional finishes to slats only is powder coating.

For Cyclonic Conditions

High strength wind locks and guides are designed to prevent the curtain from blowing out of the guide rail. Wind locks can be fitted every 2nd or every 4th slat depending on the location and function.

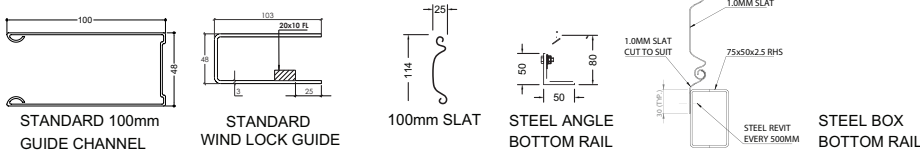
Q100 Specifications

Q100 BUNDLE DIAMETER & MINIMUM REQUIRED HEADROOM									
DRUM ø	165	165	165	165	165	165	165	168	168
HEIGHT	2000	3000	4000	5000	6000	7000	8000	9000	9000
WIDTH	5000	5000	5000	5000	5000	5000	5000	5000	5000
BUNDLE ø	285	345	405	465	525	585	645	708	708
HEADROOM	543	573	603	633	663	693	723	754	754

DRUM ø	165	165	165	165	168	168	168	168	168
HEIGHT	2000	3000	4000	5000	6000	7000	8000	9000	9000
WIDTH	6000	6000	6000	6000	6000	6000	6000	6000	6000
BUNDLE ø	285	345	405	465	528	588	648	708	708
HEADROOM	543	573	603	633	664	694	724	754	754

DRUM ø	165	168	168	168	168	219	219	N/A	N/A
HEIGHT	2000	3000	4000	5000	6000	7000	8000	9000	9000
WIDTH	7000	7000	7000	7000	7000	7000	7000	7000	7000
BUNDLE ø	285	348	408	468	528	639	699	N/A	N/A
HEADROOM	543	574	604	634	664	720	750	N/A	N/A

DRUM ø	168	219	219	219	219	N/A	N/A	N/A	N/A
HEIGHT	2000	3000	4000	5000	6000	7000	8000	9000	9000
WIDTH	8000	8000	8000	8000	8000	8000	8000	8000	8000
BUNDLE ø	288	399	459	519	579	N/A	N/A	N/A	N/A
HEADROOM	544	600	630	660	690	N/A	N/A	N/A	N/A



Steel-Line reserves the right to change specifications at any time without notice.