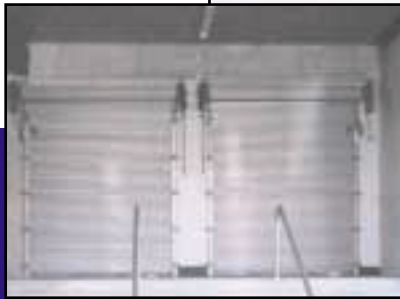


Roll-A-Shutter™

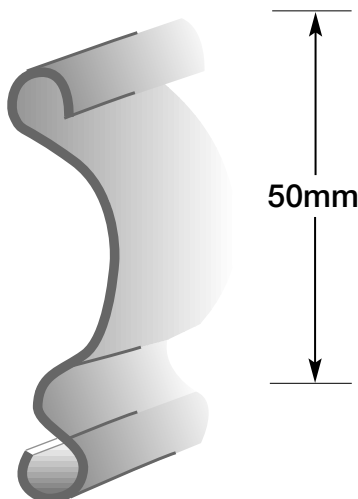


Industrial Slat Type Shutter

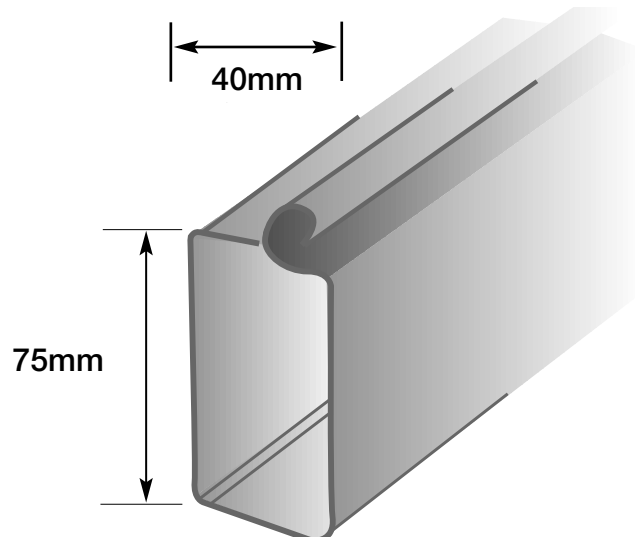


APPLICATIONS

- ◆ For commercial, small and light industrial applications from 900mm x 900mm to 5000mm x 5000mm in steel.
- ◆ Manually operated (no chain wheel) Roll-A-Shutters™ can be adapted for “between-wall” situations or doorways with clearance limitations.
- ◆ Ideal for kiosk, shops, trucks or vans, etc.
- ◆ A special steel “van shutter” model comes complete with centre-controlled key locking, and can be fitted with optional chrome shoot bolts and handle.



SLAT PROFILE



BOTTOM RAIL (STEEL)

Roll-A-Shutter™ 8/50



SPECIFICATIONS

CURTAIN – The curtain is made from 0.8mm thick galvanised steel with zinc coating of no less than 275g/m², roll formed into a deep profile slat with a nominal effective width of 50mm.

CURTAIN CLIPS – The curtain is fitted with moulded nylon clips to the ends of alternate slats by means of two nylon rivets. When specified (for areas where very high temperatures are encountered) malleable iron clips can be fitted.

BOTTOM RAIL – The bottom rail is a steel box section 75mm high x 40mm wide, cold roll formed from 2mm galvanised steel, with the top edge formed to interlock with the bottom slat. Optional extruded aluminium bottom rail 70mm high x 54mm wide base is also available.

GUIDES – Two types of cold roll formed galvanised steel channel sections are used,

1. 50mm channel made from a 2.5mm thick material
2. 75mm channel made from a 3.2mm thick material

Both are formed with a internal working clearance for the curtain clips. The top of the channel is flared to facilitate entry of the curtain. The guides are fixed securely to the walls at intervals of not more the 750mm by 9.5mm masonry anchors and hexagon head bolts, or may be welded directly to steel work.

DRUM – For openings up to and including 2100mm x 2100mm, an 89mm diameter steel tube with a wall thickness of 1.6mm is used. For openings above 2100mm x 2100mm, a 168mm diameter steel tube with a wall thickness of 3.2mm is used.

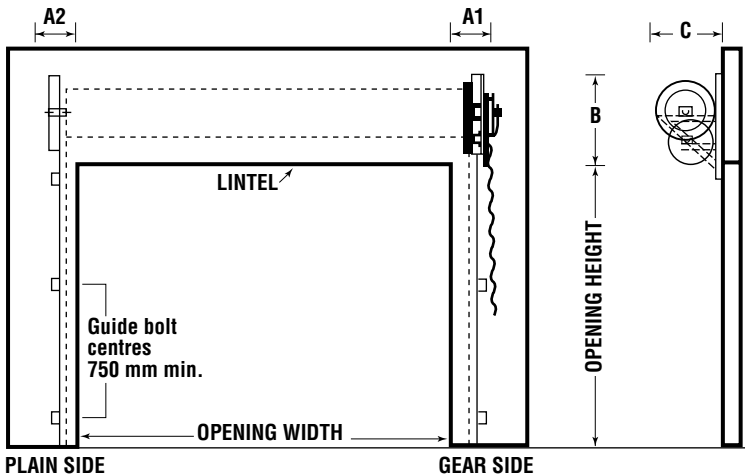
SPRINGS – Springs are a helical torsion type made from spring steel wire conforming to AS1472. These are designed to suit to opening dimensions without exceeding the safe working stress limits.

BRACKETS – The shutter support brackets are fabricated from 50mm x 50mm x 6mm mild steel angle, supplied with spindle support angles and fitted with 12mm steel bolts. Each bracket is fixed to the wall with no less than 12mm masonry anchors and hexagon head bolts or may be welded directly to steel work.

GEARS – Chain operated shutters are fitted with a spur gear attached to one end of the drum and meshing with a number of gears to give a desired gear ratio depending on shutter size. Motor driven shutters are fitted with a sprocket to one end of the drum and driven by transmission chain.

LOCKING – Hand operated shutters are fitted with bottom rail locking bars as standard. Chain operated shutters are fitted with a chain cleat lock as standard which is welded to the guide and is lockable by means of a padlock. Motor driven shutters are not to be fitted with locking bars, chain cleats or key locking unless supplied with safety electrical switches. Optional bottom rail key locking is available when specified.

FINISH – Curtain, guides and box bottom rail are zinc coated galvanised steel. Aluminium bottom rails are mill finish aluminium. Curtain and bottom rail in powdercoat finish are available when specified. All mild steel components are prime coated and hauling chain is passivated.



A1 = Gearside, A2 = Plain side, B = Headroom, C = Endview,

(Refer to clearance panel above right.)

When windlocks are fitted, 25mm should be added to dimensions A1, A2 and B.

A1 = GEARSIDE, A2 = PLAIN SIDE, B = HEADROOM, C = END VIEW
(REFER TO CLEARANCE PANEL)

CLEARANCE TABLE

OPENING SIZE	Guides	A1	A2	B REC	B MIN	C
Manual (No chain wheel)	50mm	180	180	500	450	300
to 5.9m ² - 2750 h or 2750 w	75mm	200	200	500	450	300
chain Gear op. to 9.3m ²	50mm	220	180	530	480	330
up to 5000h or 5000w	75mm	240	200	530	480	330
chain Gear op. to 25m ²	50mm	260	180	560	510	360
up to 5000h or 5000w	75mm	280	200	560	510	360
Electric operation option	Guides	inside mount		outside mount		
	50mm	210		440		
	75mm	230		460		

(50mm guides are supplied as Std on opening widths up to 3050mm)

New South Wales: B&D Australia, 34-36 Marigold Street, Revesby 2212. ☎ (02) 9722 5555 Fax (02) 9771 3936

Victoria: B&D Australia, 147-153 Canterbury Road, Kilsyth 3137. ☎ (03) 9237 7766 Fax (03) 92377760

Queensland: B&D Australia, 37-47 Cobalt Street, Carole Park 4300. ☎ (07) 3271 2500 Fax (07) 93271 3738

South Australia: B&D Australia, 23 Fredrick Road, Royal Park, 5014. ☎ (08) 8447 4747 Fax (08) 8447 4446

Western Australia: B&D Australia, 225 Balcatta Road, Balcatta 6021. ☎ (08) 9344 3333 Fax (08) 9344 3360

Tasmania: Tom Moore & Son, 86 Bass Highway, Burnie 7230 ☎ (03) 64314388 Fax (03) 64314769

International B&D International, 34-36 Marigold Street, Revesby, 2212. ☎ (+612) 9722 5555 Fax (612) 9771 6385

Website - <http://www.bnd.com.au> **E-mail** - bndint@bnd.com.au

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