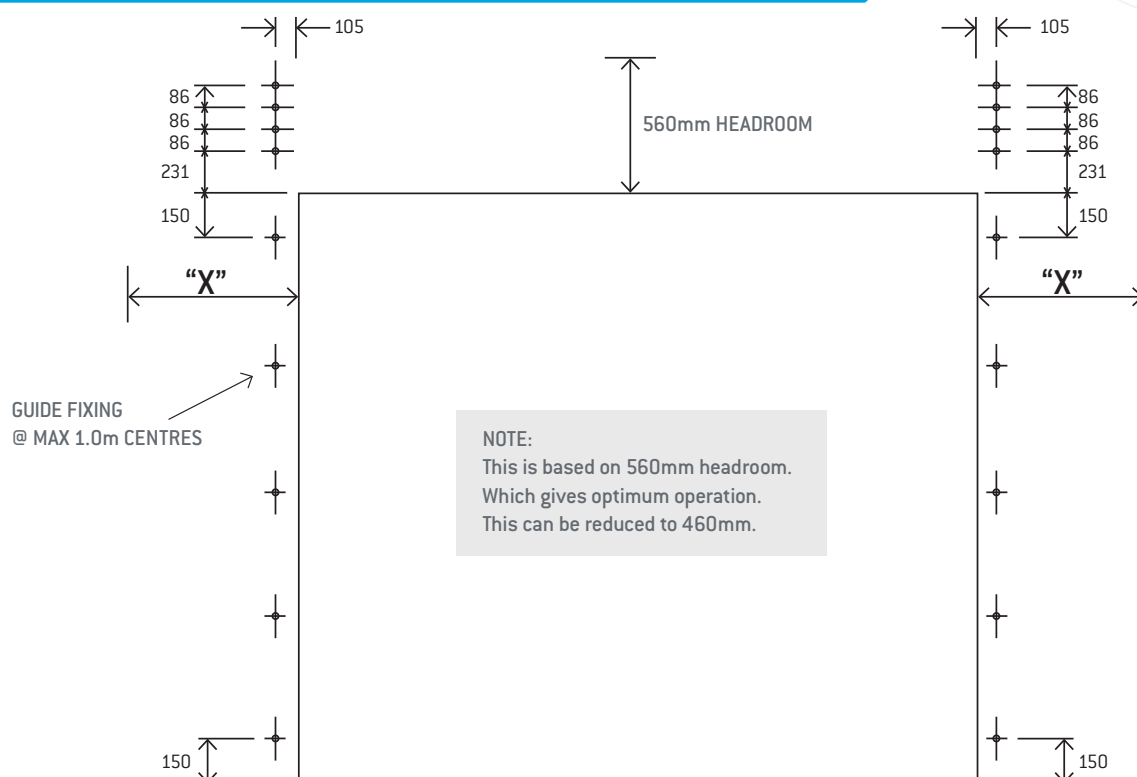


STEEL ROLLER SHUTTERS



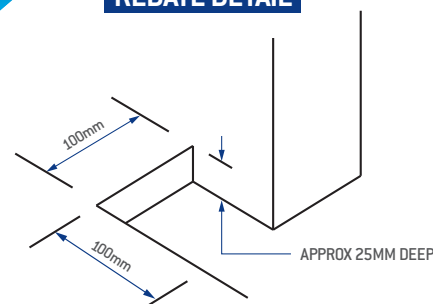
SPECIFICATIONS



ROLLER SHUTTER CLEARANCES

OPERATION	HEADROOM		SIDEROOM "X"		INSIDE PROJECTION	
	Ideal	Minimum	Drive Side	Non Drive	Drive End	Non Drive
Springless	560	460	160	220	630	430
Sprung - manual	560	460	235	235	400	400
Sprung - motorised	560	460	280	235	400	400

REBATE DETAIL



Door Curtain

Rolled formed steel interlocking steel slats with an effective cover of 90mm. Available as galvanised or powdercoated. Visible paint rub on door curtain is possible and particularly noticable on dark colours. This is not covered by warranty.

Barrel

Fabricated from 165mm diameter steel drum. Wall thickness engineered to ensure minimal deflection.

Springless - drive plate and 40mm stub axle welded into end of barrels. Fitted with Chain Brake Lever and Safety Brake as standard.

Sprung Barrel - computer calculated helically wound counterbalanced springs assembled on 35mm shaft with precision bearings.

Bottom Rail

Interlocked to the bottom slat and fitted with PVC weatherseal. For large doors or high wind areas a 40mm x 40mm steel angle is fitted.

Guides

Rollformed 75mm x 75mm x 2.0mm Multiguide.

Fitted with PVC wear strip to give quiet maintenance free operation (no need for grease). Can be used as a windlock guide for high wind applications.

Operation

Manual: is by hand chain through a 16:1 geared reduction box. Can be converted to motorised if required

Sprung Motorised: operated by a Jielong GKH

Single Phase - 50Nm, 0.37 Kw, 3.1 Amp

Three Phase - 100Nm, 0.50 Kw, 2.2 Amp

Operating Speed - 160mm / second

Direct Chain Manual Release

Built in control system with mechanical rotary limit switches

Connection for receiver/remotes & infrared photocell

UP/STOP/DOWN Wall Controller

Springless Motorised: operated by Jielong ECR600

Single Phase - 485Nm, 0.40Kw, Maximum lift - 600kg, 4.9 Amp

Three Phase - 485Nm, 0.37Kw, Maximum lift - 600kg, 2.8 Amp

Operating Speed - 80mm / second

Direct Chain Manual Release

Safety Brake & Chain-break protection device

Built in control system with microswitch limites

Connection for receiver/remotes & infrared photocell

UP/STOP/DOWN Wall Controller



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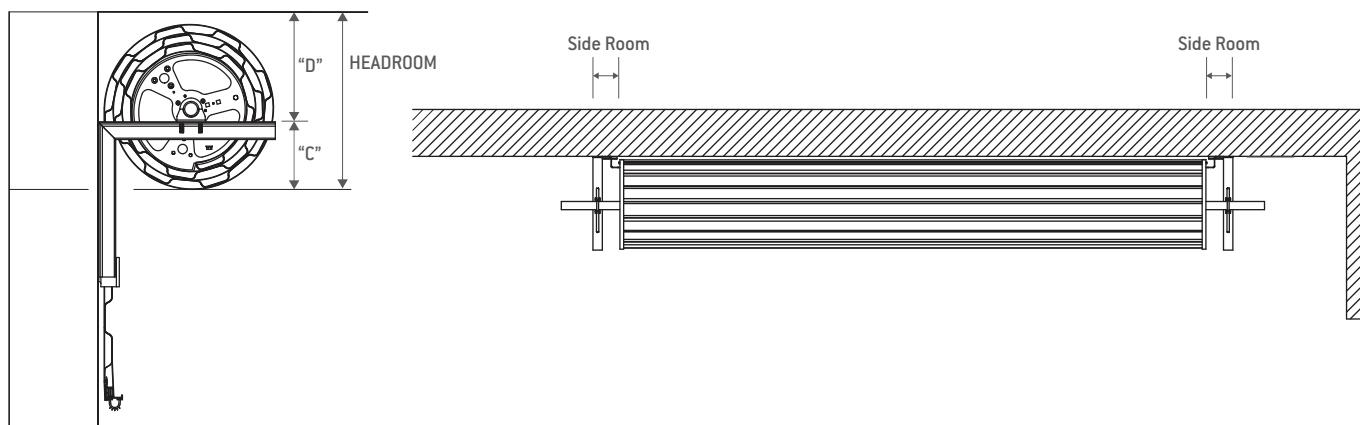
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RESIDENTIAL AND COMMERCIAL ROLLER DOORS



SPECIFICATIONS

Door Clearances & dimensions

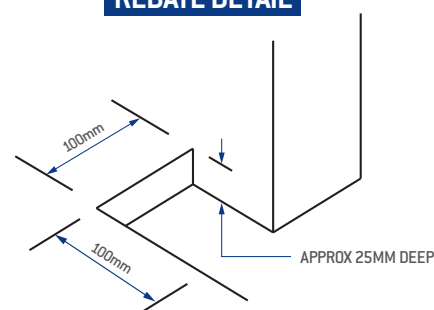


ROLLER DOOR CLEARANCES

OPERATION	40mm Guide		63mm Guide		Windlock Guide	
	Drive Side	Non Drive Side	Drive Side	Non Drive Side	Drive End	Non Drive Side
Manual Operation	NA	130	NA	155	NA	165
Chain Drive Operation	220	130	250	155	270	165
Motorised Operation	190	130	220	155	240	165

HEIGHT	D	C	HEADROOM
2400	230	170	400
3000	245	185	430
3600	260	200	460
4200	275	215	490
4800	290	230	520

REBATE DETAIL



Door Curtain

Rolled formed steel lockseamed together to form a continuous curtain in 0.4mm & 0.55mm gauge. Available as Zincalume or Colorsteel.

Visible paint rub on door curtain is possible and particularly noticeable on dark colours. This is not covered by warranty.

Assembly

Nylon drumwheels on a 35mm diameter pipe with counter-balance springs fitted.

Nylofelt stapled to door curtain to provide smooth, quiet and maintenance free operation.

Bottom Rail

Lockseamed to the bottom sheet and fitted with a PVC weatherseal.

Guides

Options are:

40mm - as standard for doors up to 4.0m wide

63mm - for over 4.0m wide or as an option on narrower doors

Windlock Multi-Guide - for high wind applications

Operation

Manual: for small domestic doors

Chain Operation: operated by Planetary Gear assembly mounted on one end of the door

Motorised:

Domestic - driven by a Doorworks RD2 Automatic Opener complete with x2 remotes, wallswitch, safety reversing

Commercial - driven by Jielong ECR400 Single Phase - complete with UP/STOP/DOWN Controller - option of remote controls and photo eyebeams



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