

## ROLLER SHUTTER CLEARANCES

Operation	Headroom		Sideroom "X"		Inside Protection	
	Ideal	Minimum	Drive Safe	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

### 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 noticeable 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.

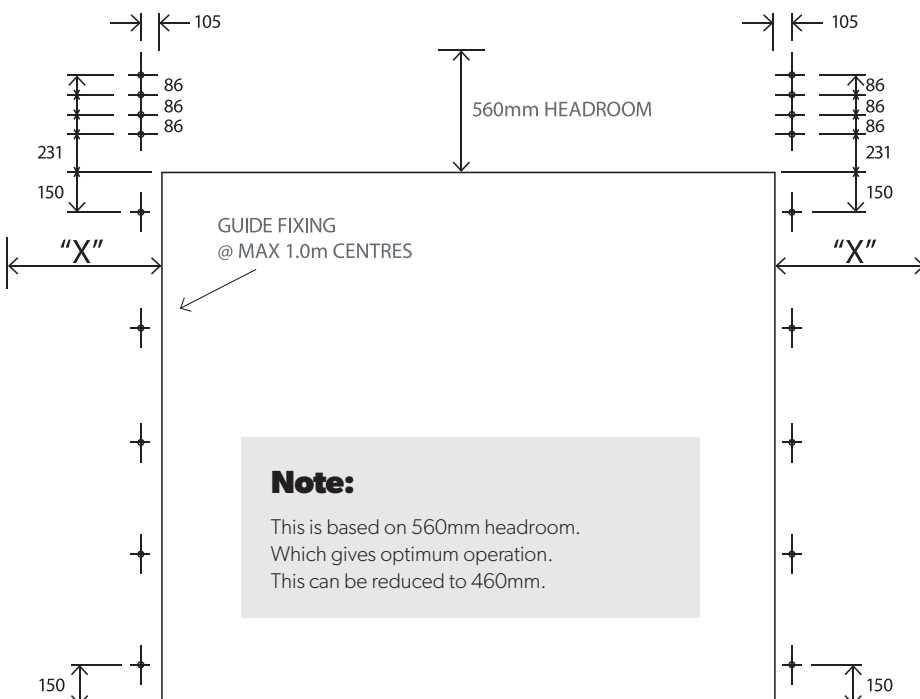
#### Sprung Motorised:

- 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

## SPECS



### Rebate Detail

