

## **NBS Spec**

### **SHUTTER CURTAIN**

Single Skin 76mm Curved Steel. Standard galvanised finish. Wall thickness 0.7mm, 0.9mm, or 1.2mm, depending on overall shutter opening width.

**Colours:** Galvanised finish as standard. Plastisol range or powder coating available.

Visible Surface :: 76mm

Profile Height :: 86.6mm

Weight per m<sup>2</sup> :: 10kg - 16kg

Maximum Width :: 12,000mm

Maximum Surface :: 10m<sup>2</sup> with single phase power or 50m<sup>2</sup> with 3-phase power.

### **BARREL**

Manufactured from seamless mild steel tube to BS4760 Grade 50C. Maximum barrel deflection measured at 1:400, fitted with precision machined BDMS axles to BS970 EN33 with end fitted plate wheel.

### **VERTICAL SIDE GUIDES / BOTTOM SLAT**

Galvanised steel sections with strengthened T-shape bottom bar. Guide channel depth will vary dependent on application from 65mm to 100mm.

**Colours:** Galvanised finish as standard. Plastisol range or powder coating available.

**Note:** the guide channels are bolted to fixing angles or steel box sections dependent on the application. See drawings on this sheet.

### **ENCLOSURE / HOUSING**

Manufactured from 0.9mm galvanised steel sheet.

End caps are fabricated from 5mm+ steel. A barrel support frame at the centre of the housing may be required in some applications.

**Colours:** Galvanised finish as standard. Plastisol range or powder coating available.

<b>Shutter Height (mm)</b>	<b>Box Size (mm)</b>
2500	305
4000	355
5500	400

In Line motor applications enclosure projection sizes will vary dependent on the overall shutter size.

**Note :** The enclosure heights are based on standard tube motor operation or In Line external chain drive motor.

### **OPERATION**

Electric: Single phase tubular motor or In Line chain driven motor dependent on curtain weight, with push button control. The fire shutter is usually connected to a Fire Control Panel and integrated with the building alarm system, so that the shutter descends under control of the motor in the event of a fire.

Manual override facility is available with the UKRS FR range. Optional battery backup will supply at least one operation of the door if electricity supply fails.

CE compliant to all relevant European directives and regulations.