

# Flat Aluminium Roller Shutter

Designed for Everyday Smooth, Hassle-free & Rush-free Operation



**We recommend G-LOCK for Manual Spring Roller Shutter**

## Technical Data Sheet

### Curtain Slats

Interlocking slats are made from extruded aluminium with AA6063 T5 high-density natural anodised aluminium finishing with a thickness of 1.0 mm. All tolerances for Shape And Thickness in accordance to JIS H 4100:1999 (Aluminium And Aluminium Alloy Extruded Shape) .Polycarbonate (3 mm thickness) Vision Panel can be added upon request.

### Bottom Bar

Extruded high-density AA6063 T5 NA aluminum with inverted "T" profile fitted by nylon cushion for noise reducer. All tolerances for Shape And Thickness in accordance with JIS H 4100:1999 (Aluminium And Aluminium Alloy Extruded Shape)

### Side Guide (Spring)

Extruded high-density AA6063 T5 NA aluminium with SRS-C50 Profile with the thickness of 2.0mm. All tolerances for Shape And Thickness in accordance to JIS H 4100:1999 (Aluminium And Aluminium Alloy Extruded Shape).

### Side Guide (Motor)

SRS-G75 Profile with 1st grade high tensile (G500) galvanised steel with at least 2.0mm thick (based material thickness). Optional wind lock system is recommended for roller shutter longer than 6000mm or at the strong wind load site.

### Casing Cover

1st grade 0.5mm hot-dipped steel or approved high-tensile galvanized steel finish surface casing cover secured into the casing structure with a self-tightening screw.

### Operation Mode

**Motorised** The manufacturer shall provide motor pulling capacity and the calculation of the roller shutter slats working weight. The motor shall be equipped (1) auto thermo cut-off sensor (2) galvanised manual override chain (3) upper-and-lower limit switch (4) low voltage push button control for up-stop-down that come with stainless steel enclosed key box. (5) All motors pulling capacity must be factored at least 10% over-capacity for safety purpose.

**Locking Device (Motor)** Each 3 ways push button switch come with a stainless surfaced key box as standard.

**Spring** Roller Shutter Carbonised Torsion Spring - The spring operator shall equipped with (1) torsion spring(s) (2) independent roller(s) (3) MS pipe to hold torsion springs and rollers; secure with nylon lock-nuts (4) other necessary accessories.

**Locking Device (Spring)** Each panel of manually spring operated roller shutter come with a standard padlock kit (optional upgrade to G-LOCK system) and centre lock with 1 pair of keys.

