



PHOSPHATED GALVANISED STEEL
COLOUR PREPAINTED STEEL
HIGH QUALITY ALUMINIUM
STAINLESS STEEL
POWDER COATED

HEAVY DUTY ROLLER SHUTTERS

AVAILABLE THICKNESS
0.9, 1.0, 1.2, 1.5 mm

**RELIABLE
SAFETY
SMOOTH**

**FOR THOSE REQUESTING EXTRA
SECURITY & COMFORT FOR
ENTRANCES**



SKB Heavy Duty Roller Shutters provides architects and consultants an opening to better quality, reliable and more durable doors thus enhancing projects image.

Our new and advance manufacturing technology and design data from Japan and United Kingdom further strengthen our product design quality.

Shutters curtains profile of SKB-1, SKB-A7 and SKB-A9 are carefully designed to minimize deflection and maintain wider opening and security.

DESIGN SPECIFICATIONS

SHUTTER CURTAIN

1. Material specifications : JIS G3313 SECC-PHOSPHATED.

Design Model SKB-A7

Roll formed from first grade high quality phosphated galvanised steel with reinforced interlocking groove and advanced designed auto cut-off edge endlock to achieve maximum holding strength to each interlocking lath.

2. Material specifications : Extruded Aluminium 6063 T5

Design Model SKB-A7

Extruded first grade Aluminium ingot raw materials with heat treatment to T5 structural strength & anodised to minimum of 10 micron.
Available thickness : 1.2mm, 1.4mm, 1.6mm.

BOTTOM BAR

1. T-TYPE

Constructed from two pieces of mild steel angles of 38 x 38 x 3 mm bolted together as T-shape section.

2. FB TYPE

Constructed from two pieces of mild steel flat bar of 40 x 40 x 4 mm bolted together.
Material specification : JIS G3131 SPHC.

SIDE GUIDES

Fabricated from first grade steel sheets with groove 75mm depth minimum.
(Computer assisted production) SKB ONE PIECE DESIGN.

1. Concealed to wall type : SKB-U75 (refer drawing).
 2. Exposed face fixed type : SKB-G75 (refer drawing).
- Material specification : JIS G3141 SPCC-SD.

DRIVE BARREL

Fabricated from British Standard Welded Steel Pipes BS 1387 or JIS G3452 with both sides solid steel shafts supported by enclosed bearings to both heavy duty steel end plates.

SHUTTER ENCLOSURE BOX
Fabricated from first grade steel hollow sections with mild steel sheets cover with corner folded to achieve maximum strength.

OPERATION CONTROL

1. MOTORISED TYPE

- The control for opening & closing of shutters by means of 3 ways push button switch.
- Each motor is equipped with built-in thermal protector, reduction speed gear box, manual override chain when power failure occurs, limit switches for setting of upper & lower limit of shutters travel.
- Operating speed at 3 to 5 meter per minute.
- Safety standard to IP54, IP55 & insulation class E.
- Built-in brake release level for gravity close.
- Power source available in 230 volts single phase & 415 volts three phase 50Hz.
- Shutter weight above 1100 Kg manual override shall be of crank design.

2. MANUAL GEAR REDUCTION TYPE

- Ideal for areas always left open.
- Operation by means of endless chain through built-in gear box with speed descent control.
- Manual closing by built-in brake release lever.

3. MANUAL CHAIN BLOCK TYPE

- Opening & closing of shutters is by pulling a galvanised chain link. (Standard maximum lift load of 600 kgs)

OPTIONAL

- A. Bottom bar safety sensor edge – to prevent overrun when obstructions occur during closing of shutters. (auto stop & reset).

All SKB Heavy duty roller shutters support data by actual test reference:

Warres No. 57351, Warres No. 57352
Warres No. 59600, Warres No. 59608
Warres No. 57378, Warres No. 61070
Warres No. 62373
C80845, C80531, C80589, C80882
C80661, C80887, C80883, C80439, C80491

FINISHING OPTIONAL

FOR BOTTOM BAR, CURTAIN, GUIDES,
ENCLOSURE BOX ARE AVAILABLE IN:

1. POWDER COATED.
2. STAINLESS STEEL.
3. COLOUR PREPAINED
GALVANISED STEEL.

