

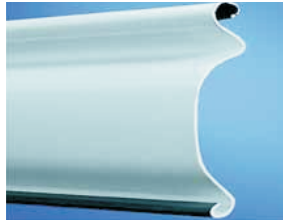
Rolling Shutter



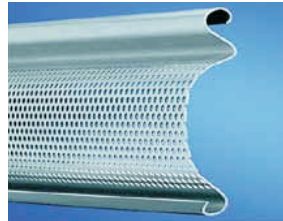
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PRODUCTS FEATURES:

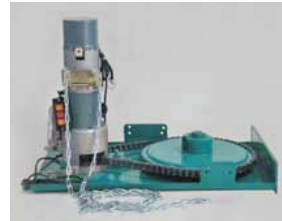
- Maintaining highest safety standards.
- Finger-tp control to open and close shutters of any size with the utmost ease from a single push-buton switch or a radio remote control transmitter.
- Protectng against burglary, vandalism and storms.
- During power failure, the door can be operated manually using a hand crank or a chain drive.
- Safety Features Optonal: Electrical safety edge with rubber profile, Photo cell, Emergency stop buton.
- A wide range of accessories: Remote control & receiver, Key switch, Push buton, Rubber sealing, Flashing light.



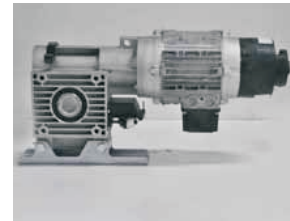
Slat Profile



Perforated Slat



Indirect Drive



Direct Drive

Door type	Rolling Shutter
Clear Opening dimension	(W)..... x (H) std. dimension or non.std. dimension
Opening Direction	Vertical - from bottom to Top
Mounting Location area	Optional = Inside area / Outside area
Mounting Surface	Side Brackets: Optional = On Concrete /Steel & Side Guides : Optional = On Concrete/Steel / Masonry
Opening/Closing Speed	0.1 m/sec
Wind Resistance	90 Km/hr
Door material	
Curtain material	Optional = MS / GI / SS / AL
Curtain Panel	The panel made of 1.0mm thick CRCA steel
Curtain panel size	75mm wide
Curtain Profile	Optional = Corrugation / Flat / Ribbed
Slat Thickness	0.9 mm to 1.2 mm (As per IS 6248)
Bottom Profile	M. S. Plate 100 mm x 2.5 mm thick with angle stiffener (Optional - Rubber Bottom Seal)
Side Guide Profile	M.S." U" Shaped profile 65 mm -200 mm x 3 mm thick (as per the opening width dimension)
Roller Shaft	M.S. Tubular Pipe with Flange & machined shaft at the ends Pipe Dia -100 to 300 mm as per w x h (Optional - Rubber Bottom Seal)
Side Brackets	MS Plate 3 mm to 10 mm thick , as per the opening dimension
Hood Cover	Made of GI Sheet Thickness 0.8 mm with 25x25x3mm angle stiffener
Surface finish	
Painting	2 Coats (each coat of 35 microns DFT) of EPOXY polyamide based enamel finish of approved color and make over a Coat (each one coat 25 microns DFT) of EPOXY polyamide based red oxide zinc phosphate primer
Options Available	Perforation in Slat Profile / Rolling Grill
Automation	
Control Type	Optional = Dead man / Pulse Control
Drive Unit & Mounting Type	Option 1) Electric Motor (Imported German Make) (Single Phase/Three Phase) - Direct Mounting on Shaft Option 2) Electric Motor (Imported China make) (single phase / three phase) - Indirect Mounting - Sprocket chain arrangement
Emergency Operation	Option = Manual Hand Driven / Chain Wheel Drive
Operating Switch	Option = Push Button from inside / or do you need Outside also Option = Push Button / Key Switch From Outside
Integration optional	Option = need to interlock or integrate with other door or machine or Equipment
Accessories	Option = Flashing Light / Door line Safety Photocell Option = Remote Control with receiver
Installation Constraint any	Need to be check = space requirements + substructure + Mounting access + Access in the event of power cut

The Insulated Roller shutters from NIHVA is perfectly suited to the opening where aesthetic is concern along with high security.

As the name Insulated Roller Shuter - Each slat is insulated with polyurethane foam, which helps to control the temperature and noise.

This shutters have high resistance to corrosion as the slats are constructed of precoated galvanised sheet while side Guides and Botom Profile are made up of extruded Aluminium.



SS/Transparent/Aluminium Rolling Shutters

Stainless Steel Rolling Shutters

NIHVA Stainless Steel Rolling shutters are constructed from high grade stainless steel material to suit the customer requirement. This shutters are designed to provide security and maintain high level of hygienic environment corrosion free.

APPLICATIONS :- Food Industries, Pharma Industries, Hotels & Hospitals, Chemical Industries

Technical Overview	
Slat Material	SS 202 / 304 /316 as per the requirement
Slat thickness	0.7 to 1.0mm
Slat Profile	Corrogaton / Flat / Ribbed Perforaton available in all above profiles
Botom Profile	SS Plate with stfiner Optonal - Botom Rubber Sealing
Side Guide	SS Plate
Hood Cover	SS Plate
Brackets and Roller Shaf.	Mild steel
Surface Finish	Natural SS finish



Transparent Rolling Shutters



NIHVA Transparent rolling shutters are constructed from interlocking polycarbonate slats. This slats are provided with aluminium rod, which gives strength to the shutter. This shutters are designed to provide security and full visibility for display of products when the shutter is closed.

APPLICATIONS :- Shops & Malls, Showrooms, Parkings & Entrances

Technical Overview	
Slat Material	Polycarbonate with aluminium rod
Slat thickness	3.0mm (special thickness on request)
Slat Profile	Flat Type with Hinge
Botom Profile	Aluminum with Rubber Sealing
Side Guide	Galvanised Steel
Hood Cover	Galvanised Steel
Brackets and Roller Shaf.	Mild steel
Surface Finish	Paintng / Powder coatng

Aluminium Rolling Shutters

NIHVA Aluminium Rolling shutter are made up of extruded aluminium section. This shutters are light in weight and give good aesthetc appearance. As the shutter is built up of Aluminium, this shutters are corrosion free.

APPLICATIONS :- Hotels, showrooms, Car parkings, Industries

Technical Overview	
Slat Material	Extruded Aluminium
Slat thickness	1.0mm to 1.2mm
Slat Profile	Single wall / Double wall
Botom Profile	Aluminium. Optonal - Botom Rubber Sealing
Side Guide	Galvanised Steel / Aluminium - Optonal
Hood Cover	Galvanised Steel / Aluminium - Optonal
Brackets and Roller Shaf.	Mild steel
Surface Finish	Powder coatng / Anodising / Paintng



NIHVA

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Automation Solutions	Material Handling Equipments	Door Automation
Pick & Place Machines	Dock Levellers	High speed doors / Sectional doors
Manipulator /Air Balancer	Scissor lifts / Mobile ramp	Sliding doors / Folding Doors
Wireless Automation (M2M)	Dock Shelters / Dock Seals / Dock House	Fire rated - Mot. Rolling shutters / Sliding doors
SPM	Goods Lift	Hanger Doors / Extra large opening doors
Automation Softwares	Spiral Conveyors / Belt Conveyors	Boom barriers / Turnstiles / Bollards
Grease / Oil Separator	Telescopic Conveyors	Sliding / Cantilever Gates

International Business Partners



Head Office: 187 / G-Block, 1st Floor, Thermax Chowk,
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NIHVA

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