



Doorwin Engineering proudly offers premium-quality **Swing Type Main Gates**, combining durability, security, and style. Our gates are custom engineered using high-grade materials and modern manufacturing techniques to ensure long-lasting performance in all weather conditions.

Key Features

- **Robust Construction:** Fabricated using MS square tubes, ISMC sections, and MS sheets for superior strength and stability.
- **Smooth Operation:** Fitted with ball bearing pivots or ball bearing hinges for seamless, low friction swinging action.
- **Manual & Automatic Options:** Available in both manual operation and fully automated systems.
- **Superior Surface Finish:** High-performance spray-painted coating ensures corrosion resistance and an attractive, uniform finish.
- **All-Weather Reliability:** Designed to perform in harsh weather conditions—sun, rain, or snow.
- **Aesthetic Appeal:** Tailored to your style needs with a modern and elegant appearance that enhances your property's frontage.
- **State-of-the-Art Manufacturing:** Produced in our advanced manufacturing facility with stringent quality control at every stage.

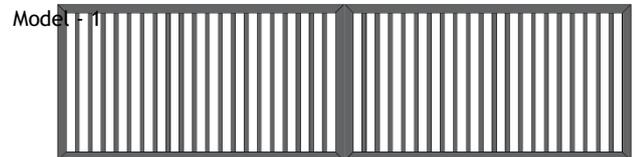
Applications

- Industrial Plants & Warehouses
- Schools & Institutions
- Hospitals & Healthcare Facilities
- Commercial Buildings
- Residential societies & Farmhouse

Why Choose Us?

- ✓ Over a decade of expertise
- ✓ Custom design & fabrication
- ✓ End-to-end support: consultation to installation
- ✓ Durable, reliable, and stylish solutions

Design Options



Accessories



Pivot Set (Ball Bearing)

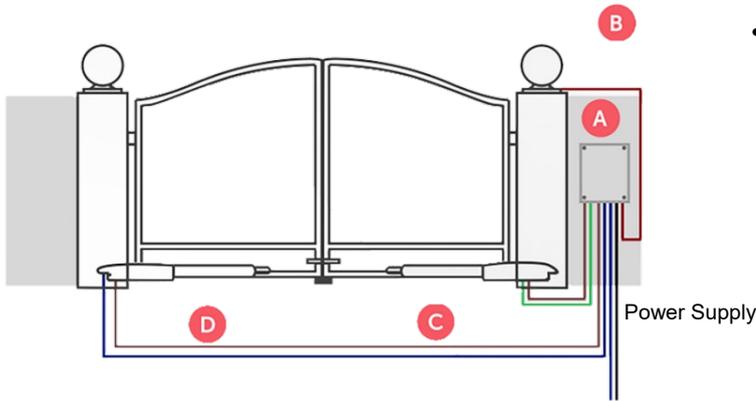
Hing Set (Ball Bearing)

Motor Kit



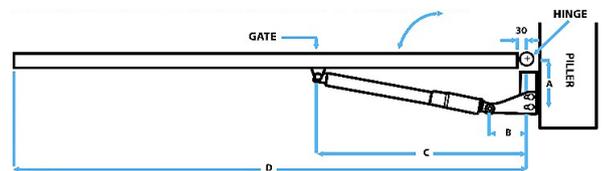
Key Features

- Open & close single OR both the gate at a time.
- Can be Integrated with Access Control Systems (RFID, Biometric).
- Up to 50 remotes can be paired.
- Safety: 12V DC motor, eliminates danger of electric shock hazard.
- Overload sensors provide instant stop upon contact with obstacles.
- Rechargeable battery backup, 42 hrs. / 30~50 cycle gate operation in case of power failure.
- Soft start & stop.
- The motor positioned above ground level eliminates water damages.
- It Provides multiple mounting choices like swing in / swing out.
- Weather resistant housing (IP 54 Protection)



- A** Control Box
- B** Post Light Control
- C** Motor - 1
- D** Motor - 2

Dimension Guide to Construct a Swing Gate

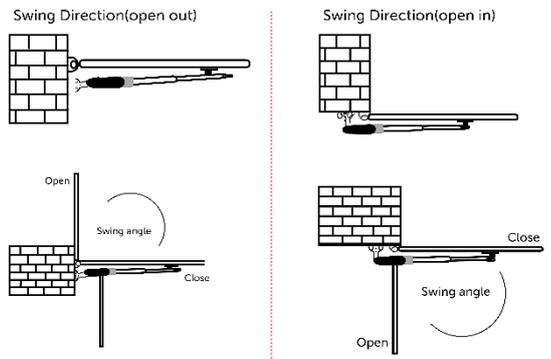


- A = 165~180 mm
- B = 128~140 mm
- C = 816~837 mm
- D = Minimum 1000 mm

OPTIONAL ACCESSORIES

GSM GATE OPENER	PHOTOCELL FOR OBSTRUCTION DETECTION
OPEN GATE WITH Long range Card	TIME CONTROLLED AUTO CLOSE MODE
MANUAL SWITCH WITH BUZZER SOUND WHEN GATE OPERATES	PRESS & HOLD TO TRIGGER ALARM

Many More to Choose From..



Gate Opener Models & Technical Details

PARAMETERS / MODELS	SS2003	SS2005	SS2007	SS2009
Max. Gate Weight Capacity	150 kg per wing	250 kg per wing	350 kg per wing	450 kg per wing
Max. Gate Width Capacity	3.0 m per wing	4.0 m per wing	5.0 m per wing	6.0 m per wing
Driving Method	Electro-mechanical	Electro-mechanical	Electro-mechanical	Electro-mechanical
Operating Voltage	DC 18V	DC 18V	DC 24V	DC 24V
Motor Output	12 W	18 W	30 W	30 W
Opening Speed	90 deg. In 10~12 sec.			
Battery Back up	12 Volt, 7 AH	12 Volt, 7 AH	N.A.	N.A.
Manual Operation	Special Key Release	Special Key Release	Special Key Release	Special Key Release
Safety Clutch	Hi -AMP auto stop			
Environmental Temperature	0°C to +50°C	0°C to +50°C	0°C to +50°C	0°C to +50°C