XIANFENG MACHINERY

Professional Manufacturer Of Automatic Gate & Door Operators

X I A N F E N G M A C H I N E R Y

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Zhejiang Xianfeng Machinery Co., Ltd.

XIANFENG MACHINERY

BUILD YOUR
SMART
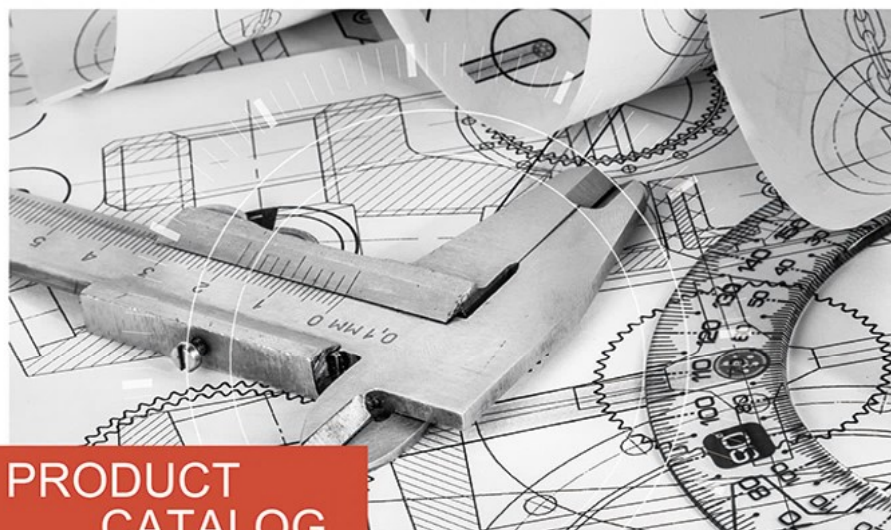## GATE & DOOR

XIANFENG Machinery

Zhejiang Xianfeng Machinery Co., Ltd. was established in 1970, we are the first professional manufacturer for Automatic Gate & Door Operators in China. There are more than 300 employees and 20 research and development engineers, with a strong design and production capacity. We have issued the China Automatic Gate Operator Industry Standard in the year of 1989. Our company has been upgraded to the biggest and professional manufacturer of Automatic Gate System Control Products in China at present.

※ Sliding Gate Operators
※ Swing Gate Operators
※ Industrial Door Operators
※ Rolling Door Operators
※ Garage Door Openers
※ Automatic Barriers

We have been leading manufacturer and exporter of these products over twenty years and are largely exporting worldwide with excellent quality and competitive price. We have passed the ISO9001:2000, CE, CQC and EMC Testing certificate.

We sincerely welcome distributors and dealers to have business contacts with us.

XIANFENG MACHINERY

PRODUCT CATALOG

XIANFENG MACHINERY

SLIDING GATE OPERATOR

Sliding gate operators are used to drive sliding gates for residential and industrial use. The operators can be fitted with magnetic limit switch or spring limit switch according your needs, and featured with soft start & soft stop, auto-close function and auto-reverse when obstruction. In case of power failure, an emergency release key allows operate gate manually.

SLIDING GATE OPERATOR
DKC301DC

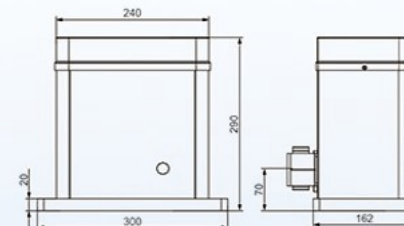### Features
※ DC24V motor, safe & quiet
※ Electronic limit inside, easy to set and adjustment
※ Soft-start & soft-stop, running smoothly
※ Auto-reverse if any obstruct
※ Backup batteries inside
※ Aluminum body with quality coating, strong and never rusting
※ Available for solar-power, infrared photocells, alarm lamps, etc.

Technical data

Power supply	110V or 220V
Motor power	24V DC100W
Output toque	10N·m
Opening speed	10m/min
Output teeth	16T
Limit switch	Electronic Limit
Max. gate weight	300kg

Accessories

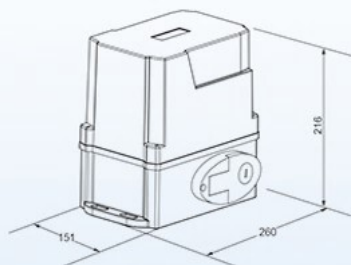| Nylon Rack	Metal Rack	Photocell	Code Lock	Alarm Lamp	Transmiiter
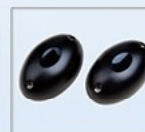
SLIDING GATE OPERATOR
DKC360Y

Features
※ High cost effective
※ Spring limit switch
※ Soft start and soft stop
※ Auto-close function can be set
※ Auto-reverse when obstruction
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

Technical data

Power supply	110V or 220V
Motor power	AC 230W
Output toque	12N•m
Opening speed	10m/min
Output teeth	16T
Limit switch	Spring Limit
Max. gate weight	500kg

Accessories

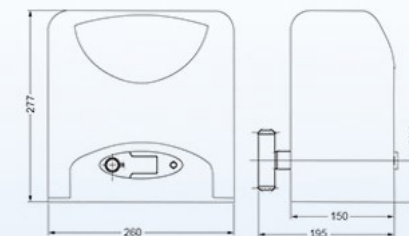| Nylon Rack	Metal Rack	Photocell	Code Lock	Alarm Lamp	Transmiiter

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SLIDING GATE OPERATOR
DKC400WY

Features
※ Oil-immersed reducer
※ Appearance beautiful
※ Spring/Magnetic limit switch
※ Auto-close function can be set
※ Auto-stop when obstruction
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

Technical data

Power supply	110V or 220V
Motor power	AC 250W
Output toque	14N•m
Opening speed	14m/min
Output teeth	19T/24T
Limit switch	Spring or Magnetic
Max. gate weight	500kg

Accessories

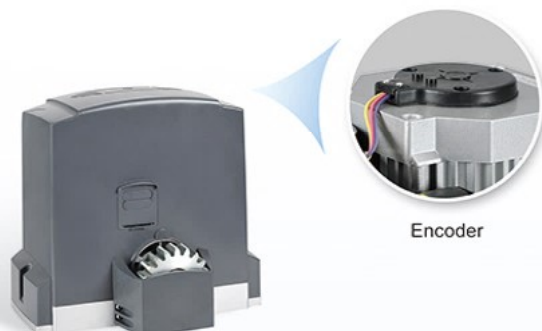| Nylon Rack	Metal Rack	Photocell	Code Lock	Alarm Lamp	Transmiiter

SLIDING GATE OPERATOR

DKC600Y

Features

※ Appearance beautiful
※ Spring/Magnetic limit switch
※ Soft start and soft stop
※ Auto-close function can be set
※ Auto-reverse when obstruction
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

Encoder

Technical data

Power supply	110V or 220V
Motor power	AC 250W
Output toque	14N•m
Opening speed	14m/min
Output teeth	19T
Limit switch	Spring or Magnetic
Max. gate weight	800kg
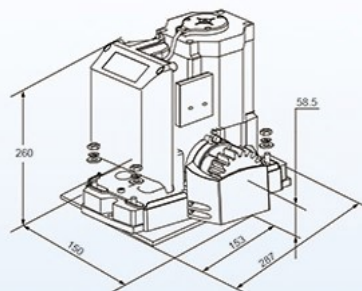
Accessories

Nylon Rack	Metal Rack	Photocell	Code Lock	Alarm Lamp	Transmiiter

SLIDING GATE OPERATOR

DKC400Y/DKL400UY

Features

※ Best-selling model
※ Chain driven model is optional
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

DKC400Y

DKL400UY
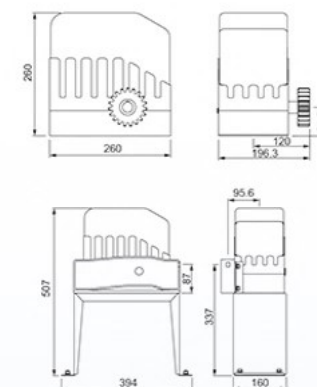
Technical data

Model	DKC400Y	DKL400UY
Driven type	Gear driven	Chain driven
Power supply	110V or 220V	
Motor power	AC 250W	
Output toque	14N•m	
Opening speed	14m/min	12m/min
Output teeth	19T/24T	---
Limit switch	Spring or Magnetic	Magnetic
Max. gate weight	800kg	800kg

Accessories

Nylon Rack	Metal Rack	Photocell	Code Lock	Alarm Lamp	Transmiiter

SLIDING GATE OPERATOR

L200/L200Y/L110Y/K750

Features

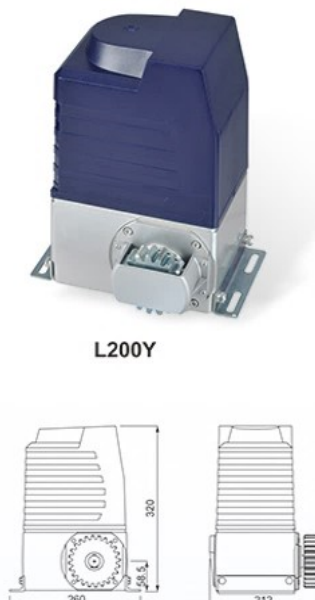※ Oil-immersed motor
※ Chain driven model is optional
※ Auto-stop when obstruction
※ Auto-close function can be sent
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

L200Y

L200

Technical data

Model	L200	L200Y	L110Y	K750
Driven type	Gear driven	Gear driven	Chain driven	Gear driven
Power supply	110V or 220V	110V or 220V	110V or 220V	380V
Motor power	AC 400W	AC 400W	AC 400W	AC 550W
Output toque	22N·m	22N·m	22N·m	24N·m
Opening speed	12m/min	12m/min	12m/min	12m/min
Output teeth	19T/24T	19T/24T	19T/24T	---
Electric control	No	Yes	Yes	Yes
Limit switch	Spring or Magnetic			
Max. gate weight	1200kg			1500kg

Accessories

Nylon Rack Metal Rack Photocell Code Lock Alarm Lamp Transmiiter

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SLIDING GATE OPERATOR

DKC1500Y

Features

※ A powerful and oil-immersed reducer
※ Copper worm, Aluminum body
※ Adjustable output force
※ Soft start and soft stop function
※ Auto-reverse when obstruction
※ Auto-close function and pedestrian mode
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
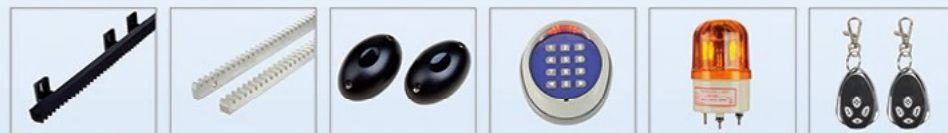※ Wiring terminals for alarm lamp, infrared photocell, etc.

Technical data

Power supply	220V
Motor power	AC 500W
Output toque	30N·m
Opening speed	12m/min
Output teeth	19T
Limit switch	Spring or Magnetic
Max. gate weight	1500kg

Accessories

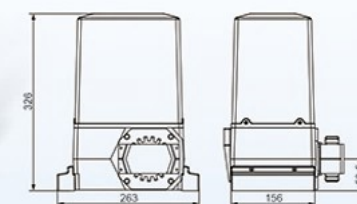Nylon Rack Metal Rack Photocell Code Lock Alarm Lamp Transmiiter
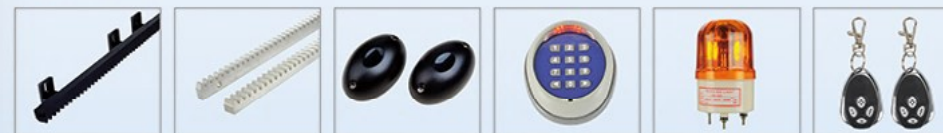
SWING GATE OPERATOR

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SWING GATE OPERATOR

Swing gate operators are used to drive swing gates for residential and industrial use. The AC operator is fitted with mechanical limit switch and DC operator is fitted with electric limit switch. They are featured with auto-close function, auto-stop when obstruction. Manual key release design for power failure

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SWING GATE OPERATOR

ZK1800

Features

※ Aluminum body
※ Mechanical limit switch
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.
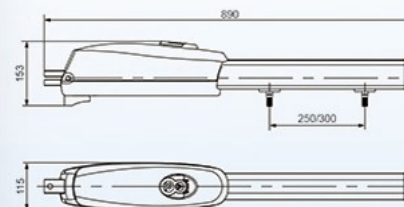
Technical data

Power supply	110V/220V
Motor power	AC motor 180W
Opening time	22 sec.
Rated force	3000N
Limit switch	Mechanical limit
Max. leaf gate length	3m
Max. leaf gate weight	300kg
Electric lock	12V (optional)

890

153

250/300

115

Accessories

Electric Control	Electric Lock	Photocell	Code Lock	Alarm Lamp	Transmiiter

SWING GATE OPERATOR

ZK300DC

Features

※ 24V DC motor
※ Aluminum body
※ Electronic limit
※ Soft open and soft close
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Remote control with rolling code 433.92Mhz
※ Manual release key when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

Technical data

Power supply	110V/220V
Motor power	24V DC 50W
Opening time	20 sec.
Limit switch	Electronic limit
Rated force	1000N
Max. leaf gate length	3m
Max. leaf gate weight	300kg
Electric lock	24V (optional)
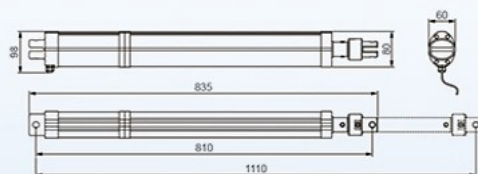
Accessories

| Electric Control | Electric Lock | Photocell | Code Lock | Alarm Lamp | Transmiiter |

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INDUSTRIAL DOOR OPERATOR

Industrial door operators are used to drive industrial sectional doors and rolling doors. The operators have oil immerged gear reducer with long service life. Built-in brake system and release device by manual chains. Door size up to 100m² after balance springs equipped.

# INDUSTRIAL DOOR OPERATOR
KG40/KG50/KG50S/KG70S

Features
※ Oil immerged gear reducer
※ Mechanical limit switch
※ Electronic limit can be optional
※ Brake inside (KG50/KG50S)
※ Full-auto release (KG50/KG50S)
※ Manual release (KG40/KG70S)
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Remote control with rolling code 433.92Mhz
※ Manual release chain when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

Universal release chain
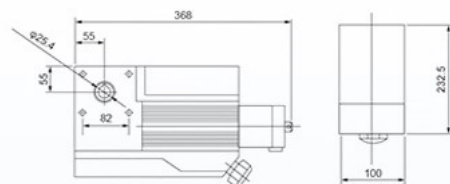
Accessories

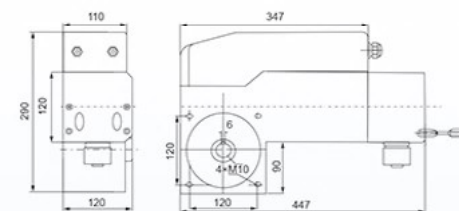Electric control Button switch Bracket Photocell Transmiiter

Technical data

Model	KG40	KG50	KG50S	KG70S
Power Supply	220V		380V	
Motor Power	300W		400W	
Output torque	40N·m	30N·m	50N·m	70N·m
Output speed	24r/min	32r/min	32r/min	24r/min
Output shaft aperture	Φ25.4mm			
Max. travel distance	28 Cycles			
Max. door size	20m²	18m²	25m²	30m²

INDUSTRIAL DOOR OPERATOR
KG60/KG100/KG120S/KG200S

Features
※ Oil immerged gear reducer
※ Mechanical limit switch
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Keep off the failure of worm wheel
※ Remote control with rolling code 433.92Mhz
※ Manual release chain when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

Accessories

Electric control Button switch Bracket Photocell Transmiiter

Technical data

Model	KG60	KG100	KG120S	KG200S
Power Supply	220V		380V	
Motor Power	500W	550W	700W	800W
Output torque	60N·m	100N·m	120N·m	200N·m
Output speed	22r/min			
Output shaft aperture	Φ 25.4 / 31.8mm			
Max. travel distance	18 Cycles			
Max. door size	30m²	40m²	45m²	50m²

INDUSTRIAL DOOR OPERATOR
KG400/KG400S

Features

※ Oil immerged gear reducer
※ Mechanical limit switch
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Remote control with rolling code 433.92Mhz
※ Manual release chain when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

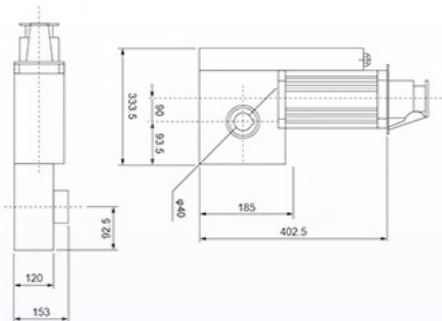## Accessories

Electric control	Button switch	Photocell	Transmiiter

Technical data

Model	KG400	KG400S
Power Supply	220V	380V
Motor Power	800W	1200W
Output torque	200N·m	400N·m
Output speed	9r/min	13r/min
Output shaft aperture	Φ40mm	
Max. travel distance	20 Cycles	
Max. door size	50m²	100m²

INDUSTRIAL DOOR OPERATOR
KG500S
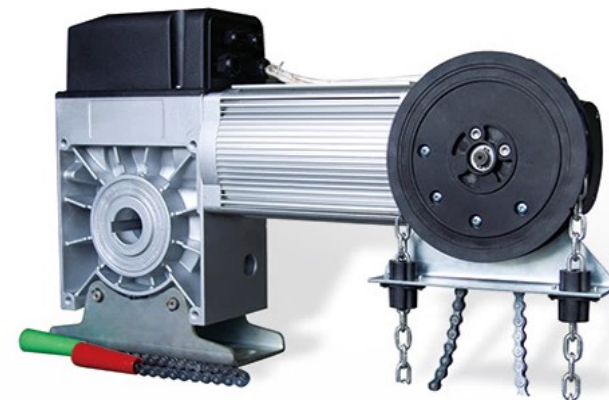
Features

※ Oil immerged gear reducer
※ Mechanical limit switch
※ Built-in electromagnetic brake
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Remote control with rolling code 433.92Mhz
※ Manual release chain when power supply failure
※ Wiring terminals for alarm lamp, infrared photocell, etc.

Technical data

Model	KG500S
Power Supply	380V
Motor Power	1500W
Output torque	500N·m
Output speed	12r/min
Output shaft aperture	Φ40mm
Max. travel distance	18Cycles
Max. door size	100m²
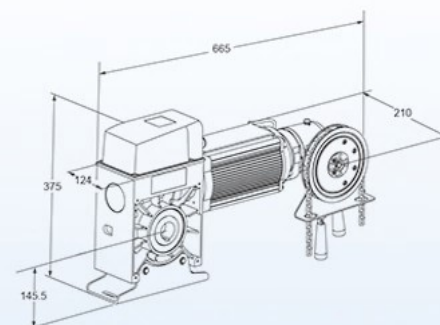
Accessories

Electric control	Button switch	Photocell	Transmiiter

XIANFENG MACHINERY
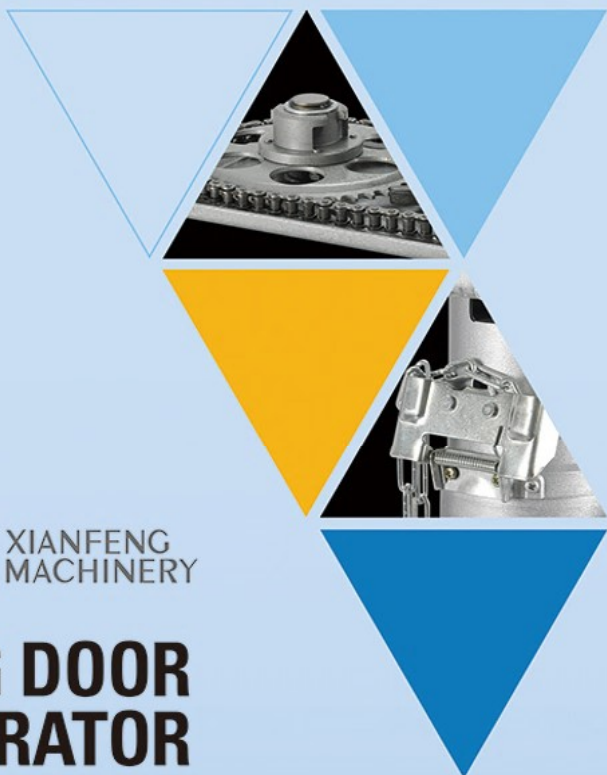
ROLLING DOOR OPERATOR

Rolling gate operators are used to drive rolling shutters for commercial use. Door weight up to 2200kg. The operators can be fitted with mechanical limit switch or electric limit switch according your needs. Built-in safety devise for protection when roller chains break off.

ROLLING DOOR OPERATOR

KJ SERIES

Features

※ Applicate door weight up to 2200kg
※ Manual chain in case of power supply failure
※ Safety devise for protection when roller chains break off

Technical data

Model	Power supply	Output Power	Output torque	Max. lift weight	Max. lift height	Rotate speed	Tube diameter
KJ300	220V	250W	160N•m	300kg	6m	6.2r/min	4"
KJ600	220V	300W	410N•m	600kg	6m	6.5r/min	5"
KJ600U	110V	300W	410N•m	600kg	6m	6.5r/min	5"
KJ800	220V	550W	640N•m	800kg	9m	5.0r/min	6"
KJ800S	380V	550W	640N•m	800kg	9m	5.0r/min	6"
KJ1000	220V	550W	710N•m	1000kg	9m	5.5r/min	6"
KJ1000S	380	550W	870N•m	1000kg	9m	5.5r/min	6"
KJ1300S	380	600W	1400N•m	1300kg	9m	6.4r/min	8"
KJ1500S	380	800W	1600N•m	1500kg	9m	4.9r/min	8"
KJ2200S	380V	850W	2450N•m	2200kg	12m	3.6r/min	8"

Accessories

Remote Control

Button switch

Button switch

ROLLING DOOR OPERATOR

KJ-E SERIES

Features

※ Built-in electronic limit switch
※ Manual chain in case of power supply failure
※ Available with alarm lamp, infrared photocell, etc.
※ Safety devise for protection when roller chains break off

Technical data

Model	Power supply	Output Power	Output torque	Max. lift weight	Max. lift height	Rotate speed	Tube diameter
KJ300-E	220V	250W	168N•m	300kg	6m	5.5r/min	4"
KJ600-E	220V	300W	412N•m	600kg	6m	5.3r/min	5"
KJ800-E	220V	500W	647N•m	800kg	9m	4.0r/min	6"
KJ1000-E	220V	500W	809N•m	1000kg	9m	3.5r/min	6"

KJ-DC SERIES

Features

※ 24V DC motor
※ Manual chain in case of power supply failure
※ Individual control box with backup batteries inside
※ Safety devise for protection when roller chains break off
※ Available to connect with alarm lamp, infrared photocell, etc.

Accessories

Electric control   Button switch

Technical data

Model	Power supply	Output Power	Output torque	Max. lift weight	Max. lift height	Rotate speed	Tube diameter
KJ300DC	24V DC	170W	168N•m	300kg	6m	5.4r/min	4"
KJ500DC	24V DC	200W	410N•m	500kg	6m	5.7r/min	5"

GARAGE DOOR OPENER

Garage door openers are used to drive residential sectional doors or spring-operated overhead doors. The openers have soft start & soft stop, auto-close function and auto-reverse when obstruction. Easy to release in case of power supply failure.
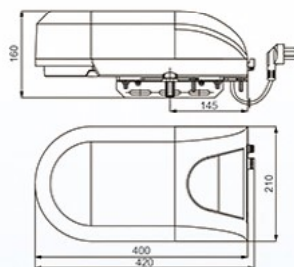
GARAGE DOOR OPENER
FB SERIES

Features

※ 24V DC motor
※ Backup battery (optional)
※ Soft start & soft stop
※ Auto-close function can be set
※ Auto-reverse when obstruction
※ Easy to release when power supply failure

Technical data

Model	FB120	FB200
Motor	24V DC 80W	24V DC 100W
Lift force	600N	1000N
Max. door size	10m²	14m²
Power supply	110V or 220V	
Opening speed	5.77m/min	
Remote control	Rolling code 433.92Mhz	
Rail length (normal)	3.3m	

Accessories

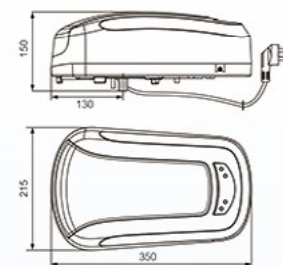| Photocell	Code Lock	Alarm Lamp	Backup Battery	Transmiiter

GARAGE DOOR OPENER
FBC SERIES

Features

※ 24V DC motor
※ Backup battery (optional)
※ Soft start & soft stop
※ Auto-close function can be set
※ Auto-reverse when obstruction
※ Easy to release when power supply failure

Technical data

Model	FBC120	FBC180	FBC200	FBC220
Motor	DC24V 60W	DC24V 80W	DC24V 100W	DC24V 120W
Lift force	600N	800N	1000N	1200N
Max. door size	10m²	12m²	14m²	16m²
Power supply	110V or 220V			
Opening speed	5.77m/min			
Remote control	Rolling code 433.92Mhz			
Rail length (normal)	3.3m			3.6m

Accessories

Photocell	Code Lock	Alarm Lamp	Backup Battery	Transmiiter

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GARAGE DOOR OPENER
KGL35

Features

※ AC heavy-duty motor
※ Integrated electromagnet brake
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Easy to release when power supply failure

Technical data

Model	KGL35
Motor	AC 220V
Lift force	1300N
Max. door size	25m²
Power supply	220V
Opening speed	12m/min
Remote control	Rolling code 433.92Mhz
Rail length (normal)	5.8m

Accessories

Photocell	Code Lock	Alarm Lamp	Push button switch	Transmiiter

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AUTOMATIC BARRIER

Automatic barriers are used for control and management of parking lots, toll gates, apartment block access and more applications. The barriers have auto-close function, auto-reverse when obstruction and easy to release when power supply failure. The arm length is from 3 meters to 6 meters. The opening time is from 1.5 seconds to 5.5 seconds.

AUTOMATIC BARRIER

DC535Y
DC655Y

Features

※ Best selling model
※ Oil immerged gear reducer
※ Built-in electric control box
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Manual handle when power supply failure
※ Remote control with rolling code 433.92Mhz
※ Available to connect with parking system and toll gate system
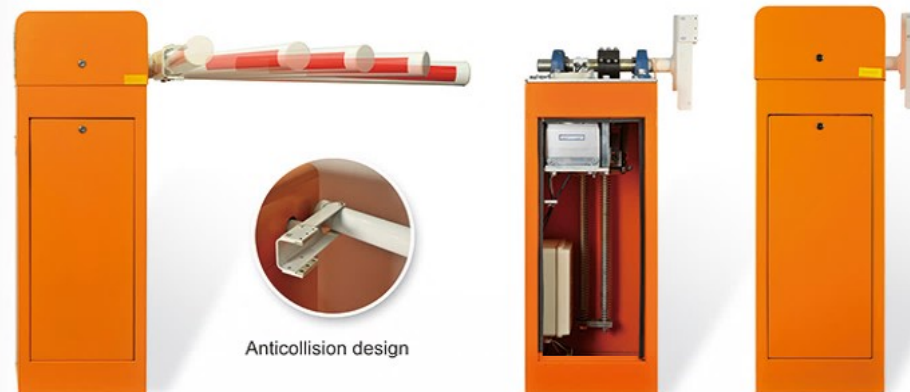
Accessories

Photocell

Button switch

Transmiiter

Technical data

Model	DC535Y	DC655Y
Power supply	110V or 220V	
Output power	180W	
Opening time	3.5 sec.	5.5 sec.
Straight arm	≤5m	≤6m
Folding arm	≤4.5m	≤5.5m
Fencing arm	≤4m	≤5m

5000-6000(max)
230
155
876.5
1048
40
87
110
360

AUTOMATIC BARRIER

DC315Y/DC420Y

Anticollision design

Accessories

Photocell

Button switch

Transmiiter

Features

※ Fast opening speed
※ Oil immerged motor
※ Proximity limit switch
※ Built-in electric control box
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Manual handle when power supply failure
※ Remote control with rolling code 433.92Mhz
※ Available to connect with parking system and toll gate system

Technical data

Model	DC315Y	DC420Y
Power supply	110V or 220V	
Output power	150W	
Opening time	1.5 sec.	2.2 sec.
Straight arm	≤3.4m	≤4.4m

376
376
1100
960
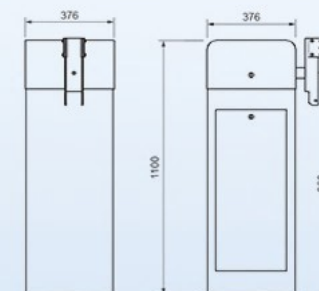
AUTOMATIC BARRIER

DC421
DC656

Features

※ High cost effective
※ Oil immerged gear reducer
※ Built-in electric control box
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Easy to change left/right running direction
※ Manual handle when power supply failure
※ Remote control with rolling code 433.92Mhz
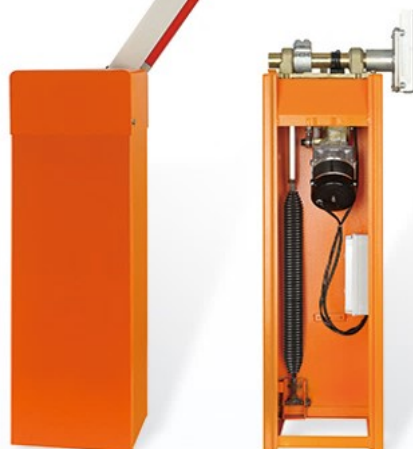※ Available to connect with parking system
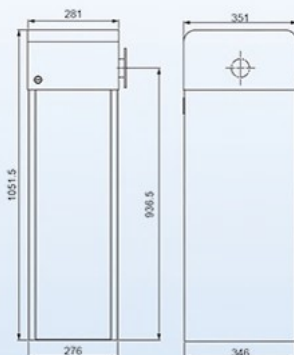　and toll gate system

Accessories

Photocell　　　Button switch　　　Transmiiter

Technical data

Model	DC421	DC656
Power supply	110V or 220V	
Output power	180W	
Opening time	2 sec.	5.5 sec.
Straight arm	≤3.6m	≤6m
Folding arm	≤3m	≤4.5m
Fencing arm	---	≤4m

281

351

1051.5

936.5

276

346

AUTOMATIC BARRIER

DC450

Features

※ 24V DC motor
※ Backup battery (optional)
※ Opening time can be adjusted
※ Built-in electric control board
※ Auto-stop when obstruction
※ Auto-close function can be set
※ Manual handle when power supply failure
※ Remote control with rolling code 433.92Mhz
※ Available to connect with parking system
　and toll gate system

Technical data

Model	DC450
Power supply	110V or 220V
Motor power	24VDC 150W
Opening time	4-6sec.
Straight arm	≤4m
Folding arm	≤3.5m

320

213

1070

855

Accessories

Photocell　　　Backup Battery　　　Transmiiter　　　Button switch

![XIANFENG MACHINERY logo]

WIRELESS CONTROLLER

TG100A/TG100B

Features

※ WiFi control the gate by free App of smart phone

※ No-sim card and compatible with Android/IOS systems

※ Master can manage max. 100 users and 12 temporary users

※ Compatible all gate & door operators from Xianfeng Machinery

※ User can operate the gate & door operators at anytime and anywhere

Technical data

Model	TG100A	TG100B*
Power supply	DC 5V/12V	AC 220V
Rated power	5W	5W
Radio frequency	433.92Mhz	---
Radio distance	≥10m	---
WiFi distance	≥10m	≥10m
Outline dimension	113x80x25mm	102x76x29.5mm

* TG100B is special for rolling door operator

OPTIONAL ACCESSORIES

Indoor button switch	Outdoor button switch	YKF06 Remote	YKF09 Remote
Wireless button switch	Alarm lamp	LED lamp	Photocell
Code lock	Key lock	Metal rack	Nylon rack
YKJ05 Remote control	YKJF102 Remote control	Pressure sensor	Loop detector