



Automatic Spring Door

Beijing KBB Automated Entrances Inc. (Headquarter Office)

Add: No.22 Shui Ku Road, Changping District, Beijing, China 102200
Tel: 8610 69748800
Fax: 8610 69745747
Email: service@kbb.com.cn

Shenyang KBB Automated Entrances Inc.

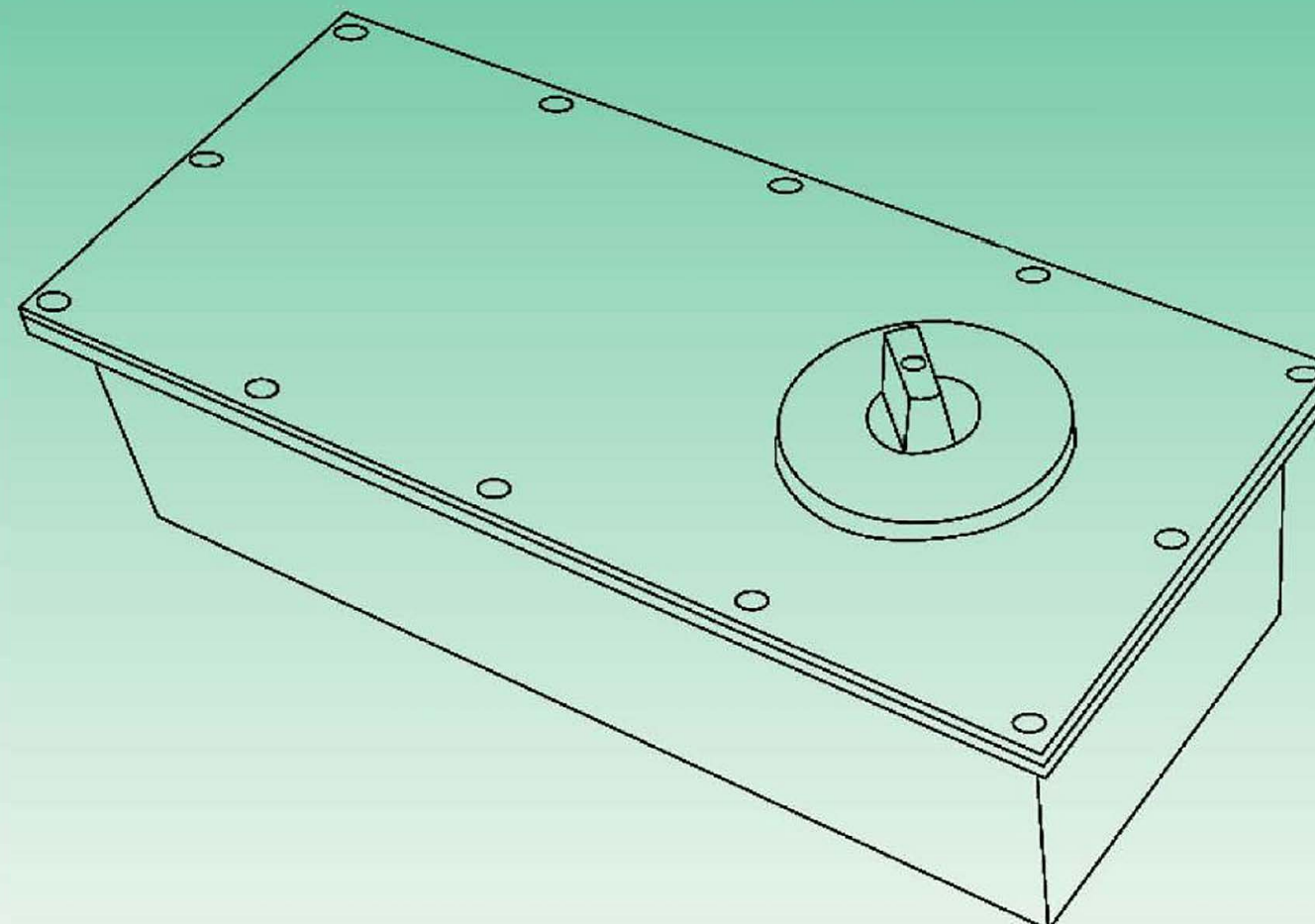
Add: No.117 Shen Bei Road, Hu Shi Tai High-tech Development Zone,
Shenyang, China 110122
Tel: 8624 89718800
Fax: 8624 89718800
Email: service@kbb.com.cn

KBB International Co., Ltd.

Add: 2104 Room,Block E, Fortune Plaza, No.59 Beizhan Road,
Shenhe District, Shenyang, China,110013
Tel: +86 -24 -31289888 Ext 825
Fax: +86 -24 -31289888 Ext 800

Entrance Solution Co.,Ltd

Add: 2104 Room,Block E, Fortune Plaza, No.59 Beizhan Road,
Shenhe District, Shenyang, China,110013
Tel: +86 -24 -31289888
Fax: +86 -24 -31289888





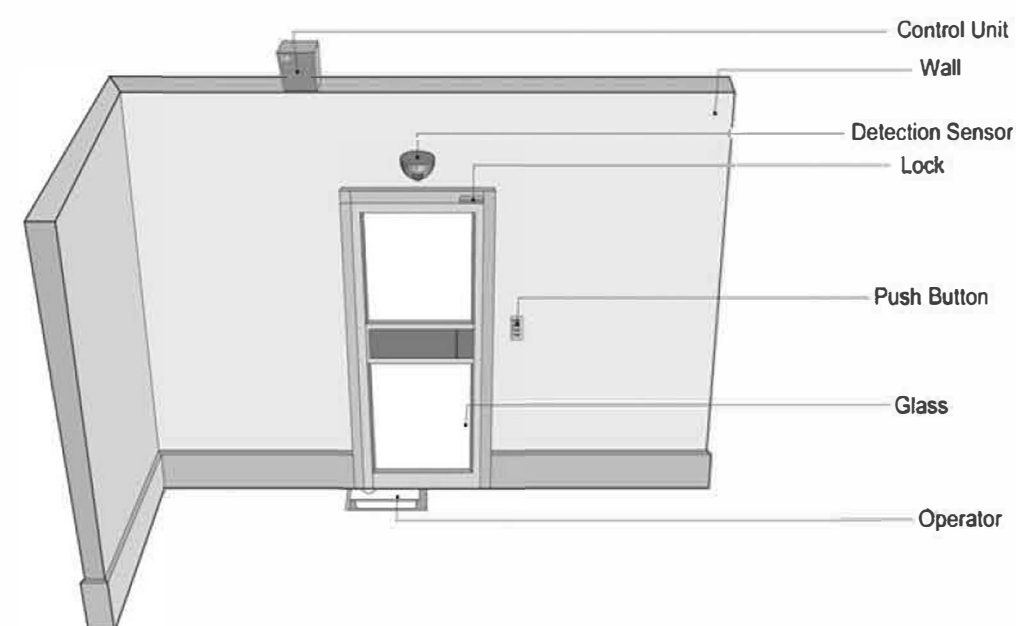
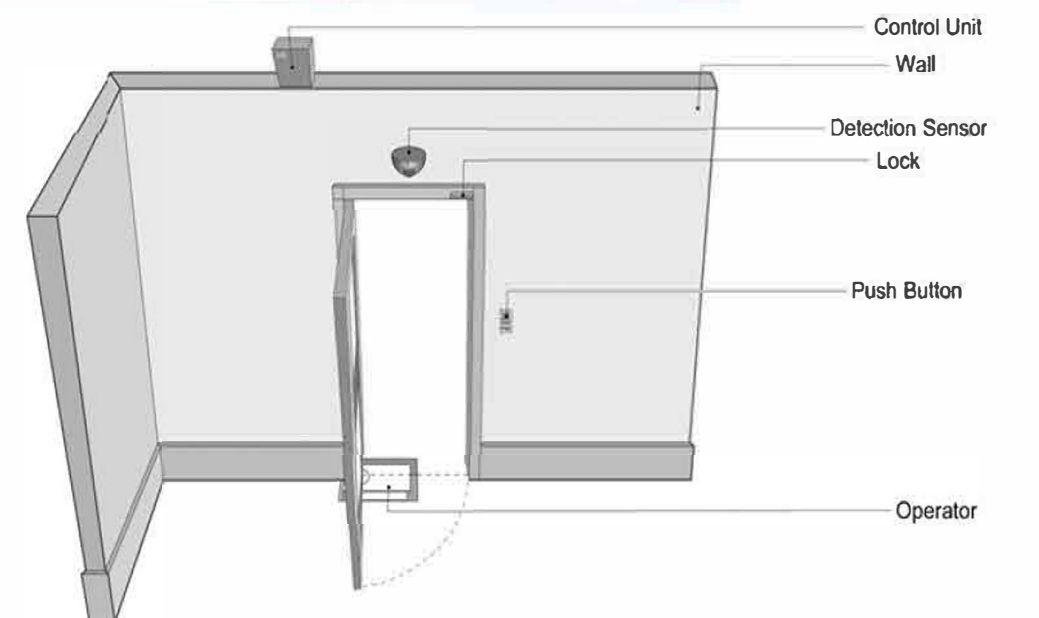
Automatic Spring Door

KW series product is a brand-new concealed automatic swing door operator designed by KBB, it can be overhead type and underneath type.

KW series product adopts concealed installation which is different from external type operator, it is also improved traditional operator structure, separating the main control system from drive system, enhancing new operator functional expansionary, and making system maintenance more convenient. At the same time protection grade gets great improvement, reaching IP67.



Indoor Use





Main parts

Composed by main control unit, automatic floor spring operator and upper & lower hinge.

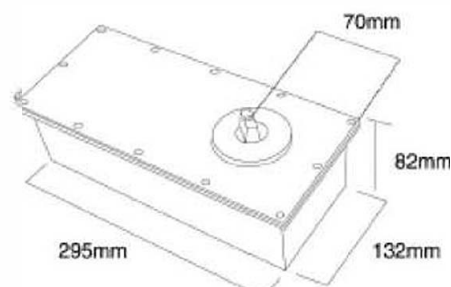
Main control unit supplies radar, photocell, electro mechanical lock (electro plug lock), hand touch (hand induction), door access control lock (password) and special remote control function.



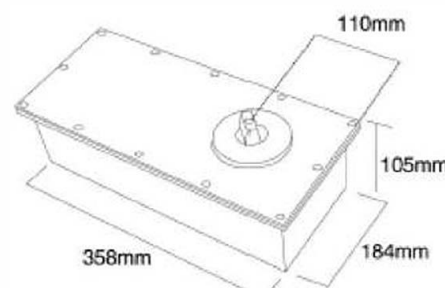
PS: The operator connection end can be compatible with all the standard spring door clamp.

Dimension:

KW1200/KW1800



KW200



Product characters:

- ✓ Multistage gear transmission, large torque output.
- ✓ Low noise design, assure indoor running mute effect.
- ✓ Easy installation, universal use for all spring doors.
- ✓ Waterproof design, protection grade is IP67.
- ✓ Good reversibilit, can freely move the door bod during running, not easy to damage
- ✓ Support double linkage, single open for single door, double open for single door, single open for double doors and double open for double doors.
- ✓ Support setting two-door synchronization and two-door asynchronous modes.
- ✓ Support connection with magnetic locks and electric plug locks.
- ✓ Error code indicating.





Technical parameter

Model	Max. door weight	Max. door width	Max. output torque	Weight	Max. power	Time switch	Intallation type	Noise	Electro lock output
KW120	120kg	1000mm	75Nm	6.5kg	35W	3-8 S	Underground installation	<60db	DC12V NO/NC
KW180	180kg	1200mm	110Nm	6.5kg	35W	3-8 S	Underground installation	<60db	DC12V NO/NC
KW200	200kg	1500mm	165Nm	11.5kg	55W	5-14 S	Underground installation	<60db	DC12V NO/NC

Model	Opening range	Power	Rated current	Standby power	Remote control device	Work temperature	Protection grade	Unit dimension	Main control box dimension
KW120	45°-135°adjustable	220v 50Hz	<1A	<2W	Effective distance 30m	-40℃ -- 85℃	IP67	295mm*132mm*82mm	230mm*200mm*80mm
KW180	45°-135°adjustable	220v 50Hz	<1A	<2W	Effective distance 30m	-40℃ -- 85℃	IP67	295mm*132mm*82mm	230mm*200mm*80mm
KW200	45°-135°adjustable	220v 50Hz	<1A	<2W	Effective distance 30m	-40℃ -- 85℃	IP67	358mm*184mm*105mm	230mm*200mm*80mm





Outside Use

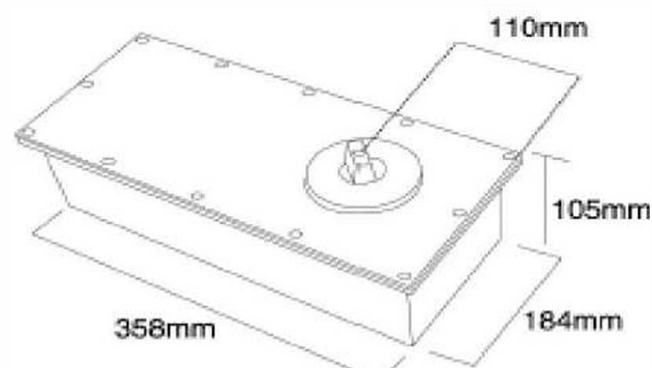
Main parts

Composed by main control unit, automatic floor spring operator and upper & lower hinge.

Main control unit supplies radar, photocell, electro mechanical lock (electro plug lock), hand touch (hand induction), door access control lock (password) and special remote control function.

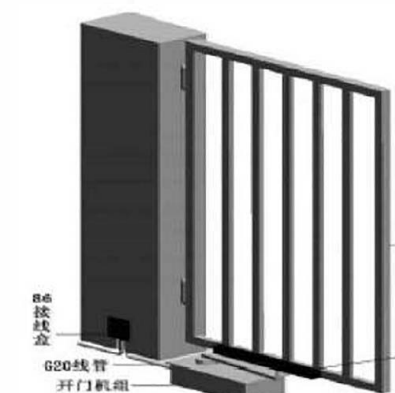
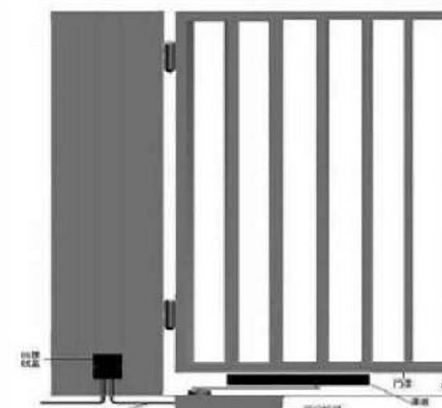


Dimension:



Product characters:

- ✓ Multistage gear transmission, large torque output.
- ✓ Low noise design, assure indoor running mute effect.
- ✓ Easy installation, universal use for all spring doors.
- ✓ Waterproof design, protection grade is IP67.
- ✓ Good reversibilit, can freely move the door bod during running, not easy to damage
- ✓ Support double linkage, single open for single door, double open for single door, single open for double doors and double open for double doors.
- ✓ Support setting two-door synchronization and two-door asynchronous modes.
- ✓ Support connection with magnetic locks and electric plug locks.
- ✓ Error code indicating.





Technical parameter

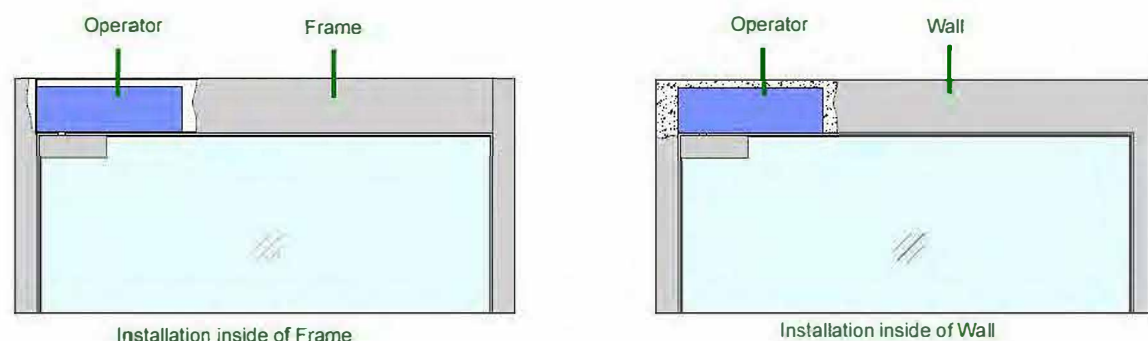
Model	Max. door weight	Max. door width	Max. output torque	Weight	Max. power	Time switch	Intallation type	Noise	Electro lock output
KW(O)100	100kg	1000mm	145Nm	11kg	45W	4-12S	Underground installation	<60db	DC12V NO/NC
KW(O)200	200kg	1500mm	165Nm	11kg	55W	5-14 S	Underground installation	<60db	DC12V NO/NC

Model	Opening range	Power	Rated current	Standby power	Remote control device	Work temperature	Protection grade	Unit dimension	Main control box dimension
KW(O)100	45°-135°adjustable	220v 50Hz	<1A	<2W	Effective distance 30m	-40°C -- 85°C	IP67	358mm*184mm*105mm	250mm*190mm*100mm
KW(O)200	45°-135°adjustable	220v 50Hz	<1A	<2W	Effective distance 30m	-40°C -- 85°C	IP67	358mm*184mm*105mm	250mm*190mm*100mm





Upper frame embedded Use



Main parts

Composed by main control unit, automatic floor spring operator and hinge.

Main control unit supplies radar, photocell, electro mechanical lock (electro plug lock), hand touch (hand induction), door access control lock (password) and special remote control function.



Product characters:

- ✓ Multistage gear transmission, large torque output.
- ✓ Low noise design, assure indoor running mute effect.
- ✓ Easy installation, universal use for all spring doors.
- ✓ Waterproof design, protection grade is IP67.
- ✓ Good reversibilit, can freely move the door bod during running, not easy to damage
- ✓ Support double linkage, single open for single door, double open for single door, single open for double doors and double open for double doors.
- ✓ Support setting two-door synchronization and two-door asynchronous modes.
- ✓ Support connection with magnetic locks and electric plug locks.
- ✓ Error code indicating.



Technical parameter

Model	Max. door weight	Max. door width	Max. output torque	Weight	Max. power	Time switch	Intallation type	Noise	Electro lock output
KQ80	80kg	1000mm	55Nm	5kg	35W	3-8S	Upper frame embedded	<55db	DC12V NO/NC
KQ100	100kg	1200mm	75Nm	5kg	45W	3-8S	Upper frame embedded	<55db	DC12V NO/NC
KQ150	150kg	1200mm	117Nm	6kg	45W	3-8S	Upper frame embedded	<55db	DC12V NO/NC

Model	Opening range	Power	Rated current	Standby power	Remote control device	Work temperature	Protection grade	Unit dimension	Main control box dimension
KQ80	45°-150°adjustable	220v 50Hz	<1A	<6W	Effective distance 30m	-40℃ -- 85℃	IP67	240mm*67mm*85mm	230mm*200mm*80mm
KQ100	45°-150°adjustable	220v 50Hz	<1A	<6W	Effective distance 30m	-40℃ -- 85℃	IP67	290mm*82mm*85mm	230mm*200mm*80mm
KQ150	45°-150°adjustable	220v 50Hz	<1A	<6W	Effective distance 30m	-40℃ -- 85℃	IP67	310mm*90mm*80mm	230mm*200mm*80mm





Automatic Embedded Closer



KPQ48



KPQ60



Controller

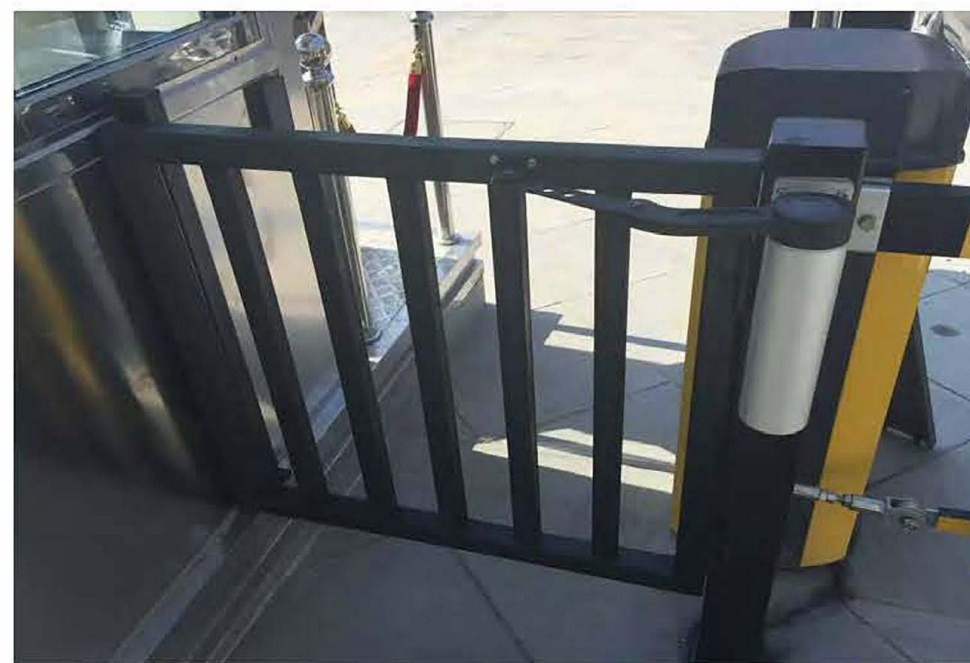
Technical parameter

Model	Max. door weight	Max. door width	Max. output torque	Weight	Max. power	Time switch	Intallation type	Noise	Electro lock output
KPQ48	150kg	1000mm	55Nm	3kg	45W	3-8S	Upper frame embedded	<55db	DC12V NO/NC
KPQ60	150kg	1200mm	75Nm	3.5kg	45W	3-8S	Upper frame embedded	<55db	DC12V NO/NC

Model	Opening range	Power	Rated current	Standby power	Remote control device	Work temperature	Protection grade	Unit dimension	Main control box dimension
KPQ48	45°-150°adjustable	220v 50Hz	<1A	<6W	Effective distance 30m	-40°C -- 85°C	IP67	270mm*48mm*125mm	210mm*48mm*85mm
KPQ60	45°-150°adjustable	220v 50Hz	<1A	<6W	Effective distance 30m	-40°C -- 85°C	IP67	320mm*60mm*80mm	210mm*48mm*85mm



Crank Arm Closer



Technical parameter

Model	Max. door weight	Max. door width	Max. output torque	Weight	Max. power	Time switch	Intallation type	Noise	Electro lock output
KPW	250kg	1500mm	72Nm	13kg	45W	3-8S	Outside	<55db	DC12V NO/NC

Model	Opening range	Power	Rated current	Standby power	Remote control device	Work temperature	Protection grade	Unit dimension	Main control box dimension
KPW	45°-150°adjustable	220v 50Hz	<1A	<6W	Effective distance 30m	-40°C -- 85°C	IP67	325mm*80mm*120mm	210mm*48mm*85mm

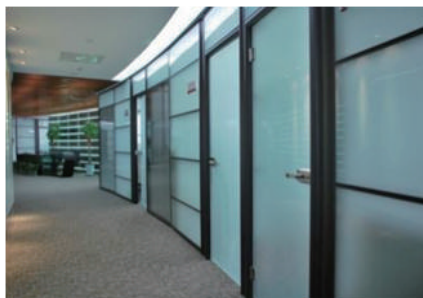




About Automatic Swing Door

Automatic swing door operator is the product which can provide the solution of making limited entrance with max. opening. It is easy and fast to realize automation of swing door entrance through external hanging or built-in installation.

KBB automatic swing door operators will easily meet the requirement of interior design specification of handicap and fire protection. They are widely used in offices, meeting rooms, hospitals, and workshops' interior and exterior space.



SPECIFICATION	DESCRIPTION
Door open type	Single open (double open need 2 operators)
Dim.(L*W*H) mm	516*77*106mm
Open angle	0°-110°
Power supply	AC230V±10%, 50Hz
Opening time (90°)	2-4s
Closing time (90°)	2-4s
Delay for opening the door	0-1s
Delay for closing the door	1-20s
Manual force (power off)	<30N
Power consumption	<50W
Working temperature	-20 ℃ to50℃
Min. door leaf width	700mm (accurate installing can be 680mm when both sides no walls)
Max. door leaf width	1200mm
Max. Door weight	150Kg