

DOORHAN[®]

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AUTOMATION SYSTEMS

SAFETY · DURABILITY · RELIABILITY · EFFICIENCY

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OPERATORS FOR RESIDENTIAL SECTIONAL DOORS



□ Sectional-500CE/DIY-500



□ Sectional-750CE/1000CE/1200CE/Fast-750CE

WIDE MODEL RANGE

Allows you to automate residential sectional doors of almost any size

EASY OPERATION

Built-in illumination lamp turns on automatically upon opening/closing of the door

QUICK INSTALLATION

Operators can be easily installed on the guide and mounted to the ceiling

LONG SERVICE LIFE

Smooth start and stop feature, ensures a longer service life

OPERATORS FOR INDUSTRIAL SECTIONAL DOORS



□ Shaft-20



□ Shaft-30IP65/60IP65



□ Shaft-50



□ Shaft-120

HIGH EFFICIENCY

The “oil bath” technology ensures a constant operation during heavy operating loads

POSSIBILITY TO CONNECT VARIOUS ACCESSORIES

Ensures a comfortable and a safe door operation

CONVENIENT OPERATION

Operators with built-in control unit are safe and easy to control remotely

OPERATORS FOR SLIDING GATES



□ Sliding-300/800



□ Sliding-1300/2100

WIDE APPLICATION

Sliding operators are designed for both, residential and industrial sliding gates

LOCK RELEASE

Convenient lock release key allows the gate to be operated during power failure or emergency

DURABILITY

Mechanical gear motor, running in “oil bath”, ensures a reliable operation during heavy operating loads and extends its service life

OPERATORS FOR SWING GATES



Linear operators

Arm operator



□ Swing-2500

□ Swing-3000/5000

□ Arm-320

OPTIMAL SOLUTION

Linear operators are an optimal solution to automate residential as well as industrial swing gates, with medium to high intensity use

WIDE APPLICATION

Arm-320 is designed for swing gates as well as for residential pass doors

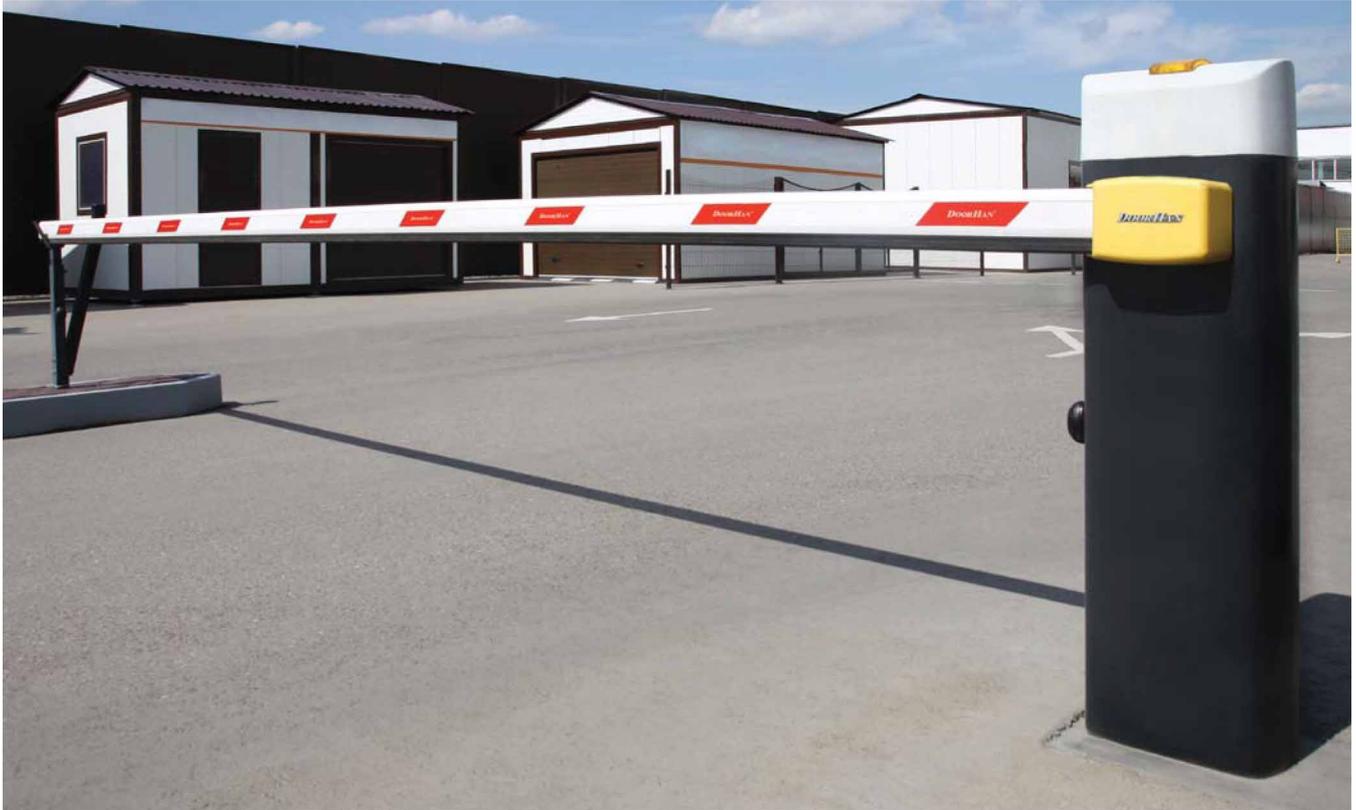
CONVENIENT INSTALLATION

Linear operators can be easily installed on narrow columns. Fastening to the leaf and post is carried out by two brackets

EASY INSTALLATION

Arm operator is easily installed on upper or lower part of the post and door leaf and excludes the need of welding

BARRIERS



SECURED ACCESS SOLUTION

Barriers are intended for vehicle access control; capable of spanning openings of up to 6 meters

LONG WORKING LIFE

Robust gear motor construction provides a smooth and a consistent operation even in the most demanding environments

RESISTANCE

Anti-vandal steel body provides protection against forced opening; along with its reinforced elements, DoorHan barriers ensure a constant operation during extreme weather conditions

SAFETY

Lightweight and durable aluminum boom is equipped with light-reflecting tape and rubber pads

DURABILITY

Barriers have a longer service life, due to the application of limit switches

RELEASE CONTROL FEATURE

Release mechanism ensures a manual operation of the barriers during power failures and emergency

ACCESSORIES



A WIDE ACCESSORY RANGE

Additional automation accessories guarantee a comfortable and a safe use

RELIABILITY

Remote controls, photocells, external receivers, keypads and other accessories are highly reliable

MODERN DESIGN

All access control and safety devices feature a stylish appearance, elegant shape and are manufactured using the latest technologies

WIDE APPLICATION

All access control devices are designed for DoorHan automation systems and are also suitable with products of different manufacturers

MAXIMUM CONVENIENCE

DoorHan automation accessories are easy to program and provide a secured and controlled operation of all automation systems

EASY PROGRAMMING

All settings are made quickly and aren't time consuming. Besides, DoorHan accessories have a compact design and do not take up much space



Transmitter 2



Transmitter 4



Transmitter Premium



Lamp-LED



Photocells



Keycode



Keyswitch



Keypad

TECHNICAL SPECIFICATIONS

Operators for residential sectional doors

Model	Sectional DIY-500	Sectional-500	Sectional-750	Fast-750	Sectional-1000	Sectional-1200
Supply voltage, V/Hz	230 / 50/60					
Maximum power consumption, W	100	100	150	150	250	300
Force, N	500	500	750	750	1 000	1 200
Door speed, m/sec	0.14	0.14	0.1	0.1–0.18	0.1	0.1
Maximum door area, m ²	8	8	10	10	13	16
Maximum opening height, mm	2 300	2 600	2 800	2 800	3 400	3 800
Intensity, %	50					
Temperature range, °C	–20 to +55					
Degree of protection	IP20					

Operators for industrial sectional doors

Model	Shaft-20	Shaft-30IP65	Shaft-50	Shaft-60IP65	Shaft-120
Supply voltage, V/Hz	230 / 50/60, 1 phase			400 / 50/60, 3 phases	
Maximum power consumption, W	300		370	350	700
Torque, Nm	20	30	50	60	120
Shaft speed, RPM	25	32	24	32	22
Maximum door area, m ²	12	18	25	28	40
Intensity, %	30	50	50	60	65
Temperature range, °C	–20 to +55		–20 to +50	–20 to +55	
Degree of protection	IP20	IP65	IP54	IP65	IP44

Operators for sliding gates

Model	Sliding-300	Sliding-800	Sliding-1300	Sliding-2100
Supply voltage, V/Hz	230 / 50/60			
Maximum power consumption, W	130	250	550	750
Gate speed, m/min	9	12	10	
Maximum gate weight, kg	300	800	1 300	2 100
Intensity, %	50		70	
Temperature range, °C	–20 to +55		–40 to +55	
Degree of protection	IP54			

Operators for swing gates

Linear operators

Model	Swing-2500	Swing-3000	Swing-5000
Supply voltage, V/Hz	230 / 50/60		
Maximum power consumption, W	150		
Maximum leaf weight, kg	350	400	500
Maximum leaf length, m	2,5	3	5
Intensity, %	50		
Temperature range, °C	–20 to +55	–40 to +55	
Degree of protection	IP44	IP54	

Arm operator

Model	Arm-320
Supply voltage, V/Hz	230 / 50/60
Maximum power consumption, W	150
Torque, Nm	320
Maximum leaf weight, kg	400
Maximum leaf length, m	3
Intensity, %	30
Temperature range, °C	-20 to +55
Degree of protection	IP54

Barriers

Model	Barrier-4000	Barrier-5000	Barrier-6000
Supply voltage, V/Hz	230 / 50/60		
Maximum power consumption, W	220		
Maximum boom length, mm	4 000	5 000	6 000
Boom type	Aluminum: oval, round, oval with LED light		
Overall dimensions, mm	270x1015x140		
Number of springs	1	2	2
Opening time, sec	4	5	6
Intensity, %	70		
Temperature range, °C	-40 to +55		
Degree of protection	IP54		