



Ditec QIK is the top performance automatic barrier that fits perfectly into any context. It is the ideal solution for completely secure access control and management, allowing only authorised personnel to enter.

It is available in 3 versions: **one 230 Vac version** for a usable opening width of up to **3.5 m** and **two 24 Vdc versions** for passageways of up to **5.8 and 7.6 m** respectively. The encoder system on the **24 Vdc** models ensures completely safe use, allowing speed control and continuous adjustment of the impact force, as well as immediate detection of obstructions. Available in both 230 Vac and 120 Vac power supply.

SAFE



VERSATILE



Product range

Automatic barrier up to 3.5 m long	Automatic barrier up to 5.8 m long	Automatic barrier up to 7.6 m long
Ditec QIK 4E*	Ditec QIK 7EH	Ditec QIK 80EH

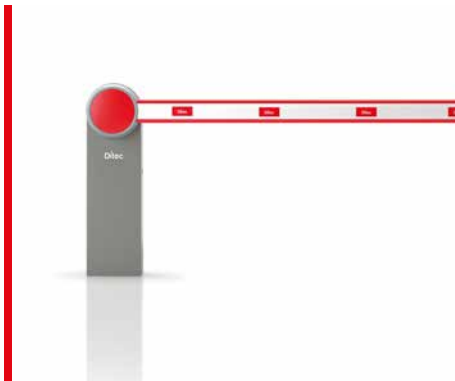
Technical specifications

Description	QIK 4E*	QIK 7EH - QIK 7EHJ	QIK 80EH
Barriers	up to 3.5 m long	up to 5.8 m long	up to 7.6 m long
Stroke control	lever-operated mechanical stop	encoder	encoder + limit switch
Arm length up to	3.7 m	6 m	7.95 m
Arm	elliptical	elliptical	round
Service index	4 - intensive	5 - very intensive	4 - intensive
Intermittent operation	S2 = 15 min S3 = 30%	S2 = 60 min S3 = 60%	S2 = 50 min S3 = 50%
Power absorption	230 Vac - 50 Hz	230 Vac or 120 Vac - 50/60 Hz	230 Vac - 50/60 Hz
Power input	1.2 A	1 A	1.2 A
Torque	90 Nm	70 Nm	200 Nm
Opening time	4 s/90°	2-6 s/90°	6-12 s/90°
Closing time	4 s/90°	2-6 s/90°	6-12 s/90°
Release system for manual opening	key operated	key operated	key operated
Operating temperature	-20°C ÷ +55°C [-35°C ÷ +55°C with NIO enabled]	-20°C ÷ +55°C [-35°C ÷ +55°C with NIO enabled]	-20°C ÷ +55°C [-35°C ÷ +55°C with NIO enabled]
Protection level	IP 24D	IP 24D	IP 24D
Product dimensions (mm)	300x320x1050	300x320x1050	405x525x1180
Control panel	E1A (built in)	EL31R (built-in)	EL34 (built in)

* available while stocks last

	QIK 4E	QIK 7EH - QIK 7EHJ	QIK 80EH
TECHNICAL SPECIFICATIONS			
Control panel	ref. E1A for one 230 Vac motor with built-in radio	ref. EL31R for 1 24 Vdc motor with built-in radio	ref. EL34 for 1 24 Vdc motor with a built-in radio decoder
Radio frequency	433.92 MHz standard 868.35 MHz with BIXPR2	433.92 MHz standard 868.35 MHz with BIXPR2	433.92 MHz with GOLR 868.35 MHz with BIXPR2
Mains power supply	230 Vac - 50 Hz	230 Vac or 120 Vac - 50/60 Hz	230 Vac - 50/60 Hz
Accessories power supply	24 Vdc - 0.5 A	24 Vdc - 0.3 A	24 Vdc - 0.5 A
Stroke control		encoder	encoder
Limit switch provision	■	■	■
Energy saving			reduced consumption on standby*
Operating temperature	-20°C ÷ +55°C in standard conditions -35°C ÷ +55°C with NIO enabled	-20°C ÷ +55°C in standard conditions -35°C ÷ +55°C with NIO enabled	-20°C ÷ +55°C in standard conditions -35°C ÷ +55°C with NIO enabled
Control panel protection level	IP55	IP55	IP55
Control panel dimensions (mm)	built into the barrier	built into the barrier	built into the barrier
* Limitation of current absorbed by accessories on standby			
INPUTS			
Opening control	shared with step-by-step control, selected with dip-switch	shared with step-by-step control, selected with dip-switch	■
Partial opening control	■ via radio		
Close control	shared with emergency stop, which can be selected by setting a jumper	shared with emergency stop, which can be selected via dip-switch	■
Stop control	■	■	■
Step-by-step control	shared with opening control, selected via dip-switch	shared with opening control, selected via dip-switch	■
Hold-to-run control	■	■	■
Automatic closing contact management			■
OUTPUTS			
Flashing light	230 Vac	24 Vdc	24 Vdc
Electrically operated lock		24 Vdc / 1 A	24 Vdc / 1 A
Gate-open warning light (ON/OFF)	■ from limit switch		■
Gate-open warning light with proportional blink rate		■	■
Courtesy light	■ up to 60 W	■ up to 400 W	■ up to 400 W configurable via MD2
PROGRAMMABLE FUNCTIONS			
Configuration of programmable functions	dip-switches and trimmers	dip-switches and trimmers	dip-switches and trimmers or via the MD2 accessory
Force adjustment	electronically selected transformer	electronic	electronic
Speed		adjustable	adjustable
Soft start / Soft stop		fixed	fixed
Operation time	adjustable	adjustable	adjustable
Automatic re-closing time	adjustable	adjustable	adjustable
SAFETY AND PROTECTION FUNCTIONS			
Emergency stop	■	■	■
Safe closing (inversion)	■	■	■
Safety Test Facility (for automatic safety devices)	■	■	
ODS - Obstacle Detection System (causes the gate to stop or to reverse movement when an obstacle is detected)	■	■	■
NIO - Antifreeze system	■	■	■
OPTIONAL ACCESSORIES			
Battery continuity operation		■ with SBU	■ with BATKH
Support for automation system with integrated batteries		■	■
Magnetic loop detector	■ with LAB9	■ with LAB9	■ with LAB9

* Note: for QIK 80EH, add the GOLR receiver card for use with the ZEN remote control



QIK



QIKB37 - QIKB50 - QIKB60



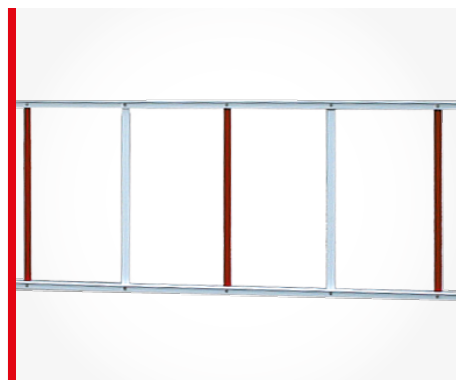
QIKBG



QIKM



QIKZ



QIKGR

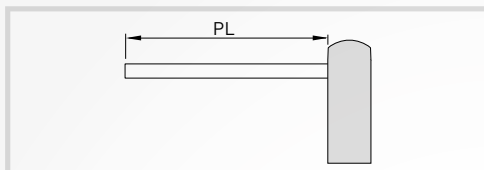


QIKSN

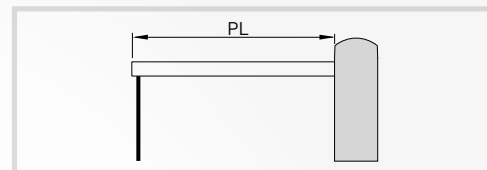


SBU

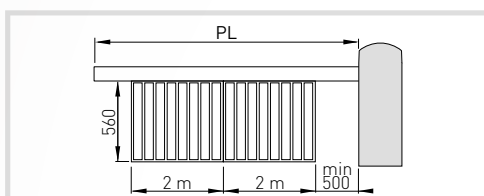
Ditec QIK 80EH - Choosing the right spring



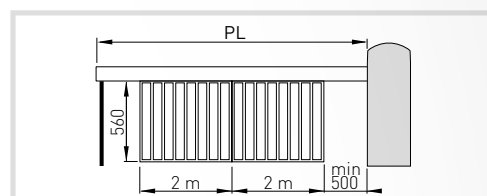
PL (mm)				
4500-5199	QIKM5	/	/	/
5200-5999	/	QIKM5	/	/
6000-6999	/	/	QIKM5	/
7000-7600	/	/	/	QIKM5



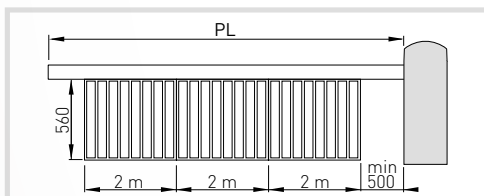
PL (mm)				
4500-4999	QIKM5	/	/	/
5000-5799	/	QIKM5	/	/
5800-6799	/	/	QIKM5	/
6800-7200	/	/	/	QIKM5



PL (mm)				
4600-4799	QIKM5	/	/	/
4800-5499	/	QIKM5	/	/
5500-6499	/	/	QIKM5	/
6500-6800	/	/	/	QIKM5

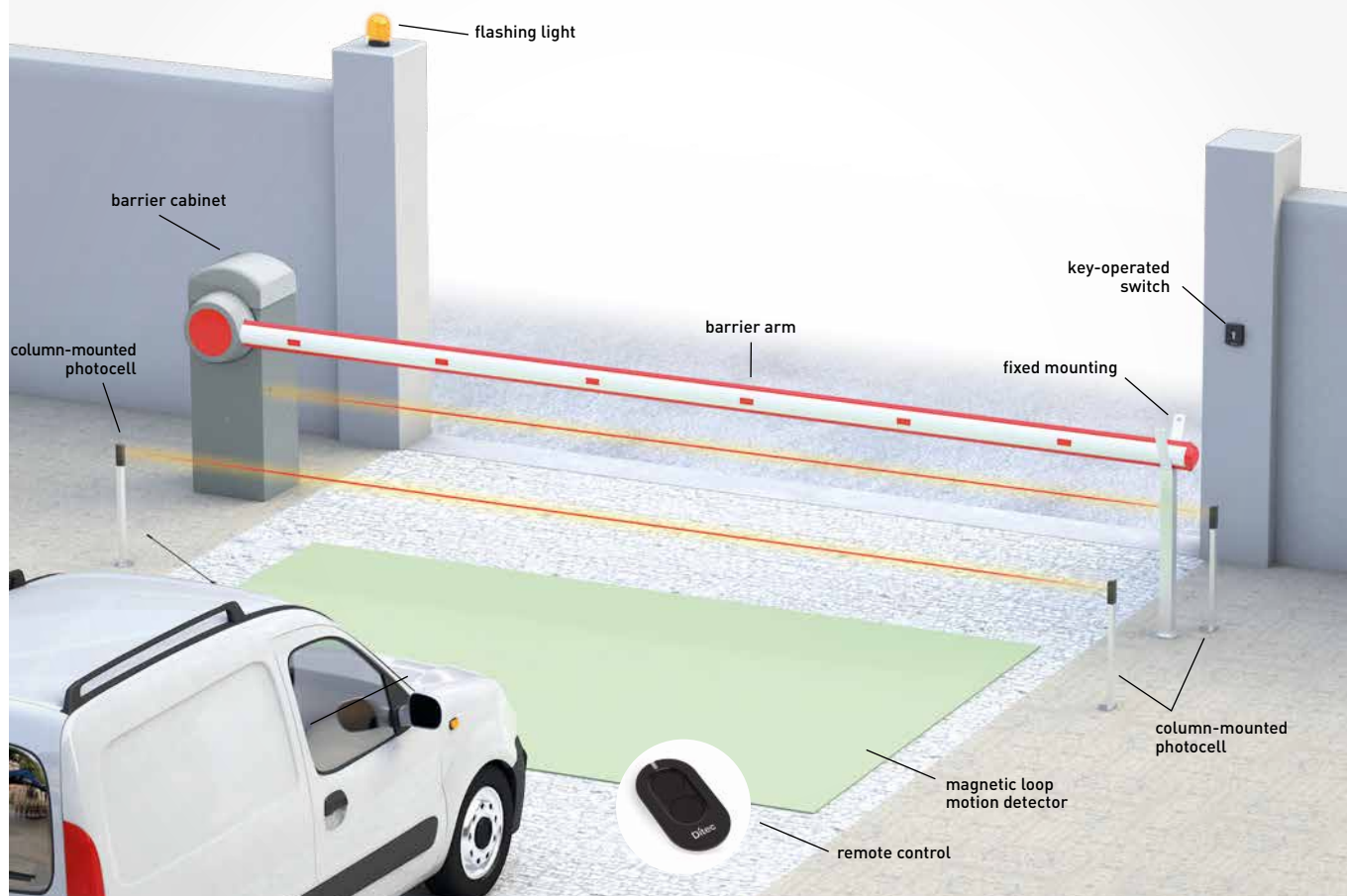


PL (mm)				
4800-5899	/	/	QIKM5	/
5900-6500	/	/	/	QIKM5



PL (mm)				
6700	/	/	/	QIKM5

Ditec QIK 80EH - Typical configuration



The automation system can be completed with Ditec command, control and safety devices.

■ radio controls > page 90 ■ switches > page 96 ■ photocells > page 100 ■ flashing lights > page 102 ■ safety edges > page 103

Dimensions

