

Supplement to industrial price list 18-22.2

Valid from 01.02.2023

Perimeter protection systems

Barriers, barrier systems, bollards

Hörmann international sales companies and sales partners



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Hörmann international sales companies

International sales partners

Hörmann international sales companies

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International sales partners

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For more information on our sales companies and sales partners, visit www.hoermann.com.

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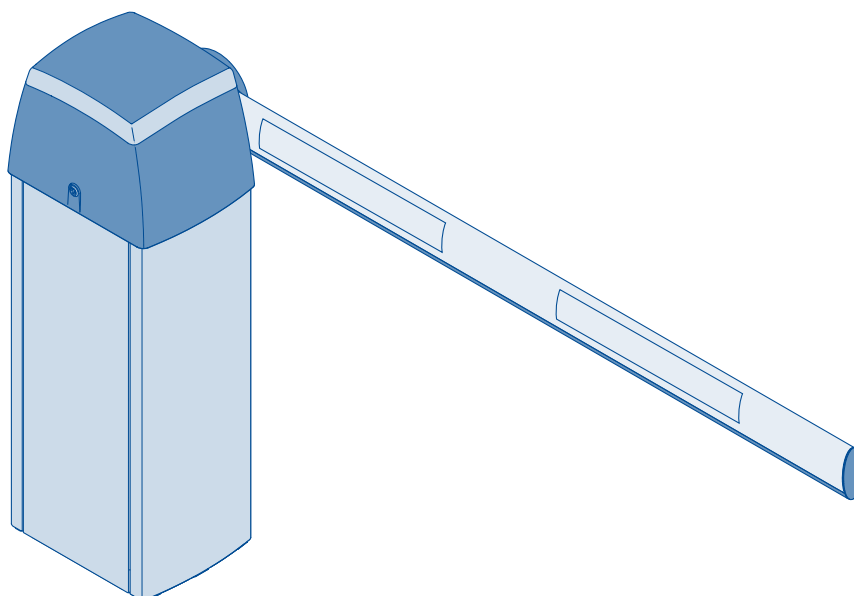
Automatic barrier

Barrier oval boom

SH 100



Product description	
Max. barrier width	5750 mm 5750 mm (with 6000 mm barrier oval boom)
Opening / closing phase	Approx. 3 to 6 seconds depending on version
Cycles per day	to 1000
Overall cycles (service life)	Up to 2000000
Cycles per hour	Up to 250
Motor	24 V DC
Mains voltage	230 V (1~) ±10%, 50 Hz
Standby	< 1 W
Temperature range	– 25°C to + 60°C
Protection category	IP 44 (housing), IP 65 (encapsulated control)
Weight	Barrier 50 kg + barrier oval boom 1.32 kg/m
Housing	<ul style="list-style-type: none"> • Housing with detachable steel front door, galvanized and powder-coated • Barrier cover with illumination • Barrier cover made of plastic with locking and barrier cover switch • Dimensions (W × H × D): 320 × 1120 × 405 mm Standard colour: housing in RAL 9006 White aluminium, barrier cover in RAL 7016 Anthracite grey
Barrier boom	<ul style="list-style-type: none"> • Barrier oval boom (W × H) 50 × 100 mm (120 mm incl. impact protection) • Barrier boom holder for left and right operation • Made of aluminium, powder-coated in RAL 9016 Traffic white, with red reflecting strips and cover cap • Bottom side with impact protection and groove to hold the (optional) barrier boom illumination
Control	<ul style="list-style-type: none"> • Micro-processor barrier control • BiSecur radio receiver integrated • Operation time monitoring of barrier operation • Integrated barrier cover switch: prevents the automated movement of mechanical components when the barrier is open • Impact protection by intelligent obstacle detection • Barrier status indicated by LED illumination • 7-segment display for status display and control buttons on the control • Impulse control with automatic timer (optionally with protective device) • Option of connection of external components via UAP (optional) • Option of synchronous barrier operation



Automatic barrier SH 100 Basis with barrier oval boom			Article no.	€
Barrier SH 100 Basis With 24 V DC operator, BiSecur radio receiver and basis control housing (with loop detector extension option)	Barrier boom holder		4837558	2363
	For left and right operation			
// NEW Barrier SH 100 Basis standard Barrier SH 100 Basis (article no. 4837558) with spring for boom lengths from 2.5 to 4.5 m and fitted connecting socket (article no. 4837561)	Barrier boom holder		4838340	2435
	For left and right operation			
Automatic barrier SH 100 Extended with barrier oval boom			Article no.	€
Barrier SH 100 Extended With 24 V DC operator, BiSecur radio receiver and large control housing incl. extension options (necessary for induction loop detector)	Barrier boom holder		4837559	2573
	For left and right operation			
// NEW Barrier SH 100 Extended standard Barrier SH 100 Extended (article no. 4837559) with spring for boom lengths from 2.5 to 4.5 m and fitted connecting socket (article no. 4837561)	Barrier boom holder		4838341	2645
	For left and right operation			
Automatic barrier SH 100 Synchronous with barrier oval boom			Article no.	€
Additional barrier SH 100 Synchronous for synchronous operation with 24 V DC operator – without control	Barrier boom holder		4837560	1963
	For left and right operation			
Notes:				
• Can only be operated with SH 100 Extended!				
• A control cable 10 × 2 × 0.8 mm² between the barriers is required!				
Barrier oval boom			Article no.	€
Barrier oval boom for barrier SH 50 / SH 100	Boom length 3 m		4835560	149
	Boom length 4 m		4835561	199
	// NEW Boom length 5 m		4835562	249
	// NEW Boom length 6 m (SH 100 only, 4838567 required)		4835563	299
// NEW Insert retrofit kit barrier oval boom > 5 m (mandatory for barrier oval boom > 5 m)			4838567	127
Optional extra LED lighting strip for barrier oval boom			Article no.	€
LED lighting strip for barrier oval boom	For boom length 3 m	Surcharge	4837335	104
	For boom length 4 m	Surcharge	4837336	113
	// NEW For boom length 5 m	Surcharge	4835566	122
	// NEW For boom length 6 m	Surcharge	4837337	131
Optional extra for automatic barrier SH 100 with barrier oval boom – extended			Article no.	€
Detector VEK MNH1-R24-A 1-channel (for evaluation of an induction loop)		Surcharge	4835441	222
A 24 V power supply unit (article no. 4838568) is required.				
Detector VEK MNH2-R24-A 2-channel (for evaluation of two induction loops)		Surcharge	4835442	285
A 24 V power supply unit (article no. 4838568) is required.				
Preparation for SH 100 accessories (detector)		Surcharge	4837563	49
// NEW 24 V DC power supply unit LRS-75-24 SH 100 for hat rail		Surcharge	4838568	65
Preparation for SH 100 accessories (power supply unit)		Surcharge	4837563	49
Induction loops		See page 32 in industrial price list 18-22.1		
// NEW Stabiliser link for barrier oval boom		Surcharge	4838551	233
// NEW Support post for barrier oval boom		Surcharge	4838566	419
// NEW Support post with magnet for barrier oval boom		Surcharge	4838565	760
Photocells / light buttons for barriers			Article no.	€
Photocell EL 401 (one-way photocell with transmitter / receiver)		Surcharge	4835135	71
Post for EL 401 for fitting of receiver (not required for synchronous barrier or support post)		Surcharge	635029	52
Optional extras for barriers			Article no.	€
Barrier door variant 2, prepared for key and fire brigade switch (article no. 4835366 and 437523)		Surcharge	4837310	43
// NEW Fire brigade switch, triangular lock 15 mm, Open push-to-lock, Close press-and-hold, for fitting in barrier door variant 2 (article no. 4837310)		Surcharge	4835366	412
// NEW Key switch UPB 1-TR for fitting in barrier door variant 2 (article no. 4837310)		Surcharge	4838530	206
Preparation for SH 100 accessories (fire brigade / key switch)		Surcharge	4837563	49
UAP additional print With the help of the UAP, the cover lighting can be used as a caution light (orange) independently of the LED boom lighting (not needed without LED boom lighting).	Basis (in additional housing)	Surcharge	436295	78
	Extended (integrated in large barrier control housing)	Surcharge	4552398	68
Preparation for SH 100 accessories (UAP)		Surcharge	4837563	49
Connecting socket for rigid underground cables, incl. fitting plate to facilitate fitting in case of large cross-sections		Surcharge	4837561	23
Preparation for SH 100 accessories (connecting socket)		Surcharge	4837563	49
Cover lock type 0857, 2 × keys		Surcharge	4511928	52
As standard, the barrier is fitted with a triangular sash lock				
// NEW Barrier battery for emergency operation in case of power failure		Surcharge	4838126	249
Pre-tensioning lever (tool for spring tension)		Surcharge	4837352	17
Combination tool (tool for spring lock / motor release)		Surcharge	4837351	10
BiSecur hand transmitters			See page 34 in industrial price list 18-22.1	

Automatic bollards E

With integrated electromechanical operator

A 220-600 E / A 220-800 E

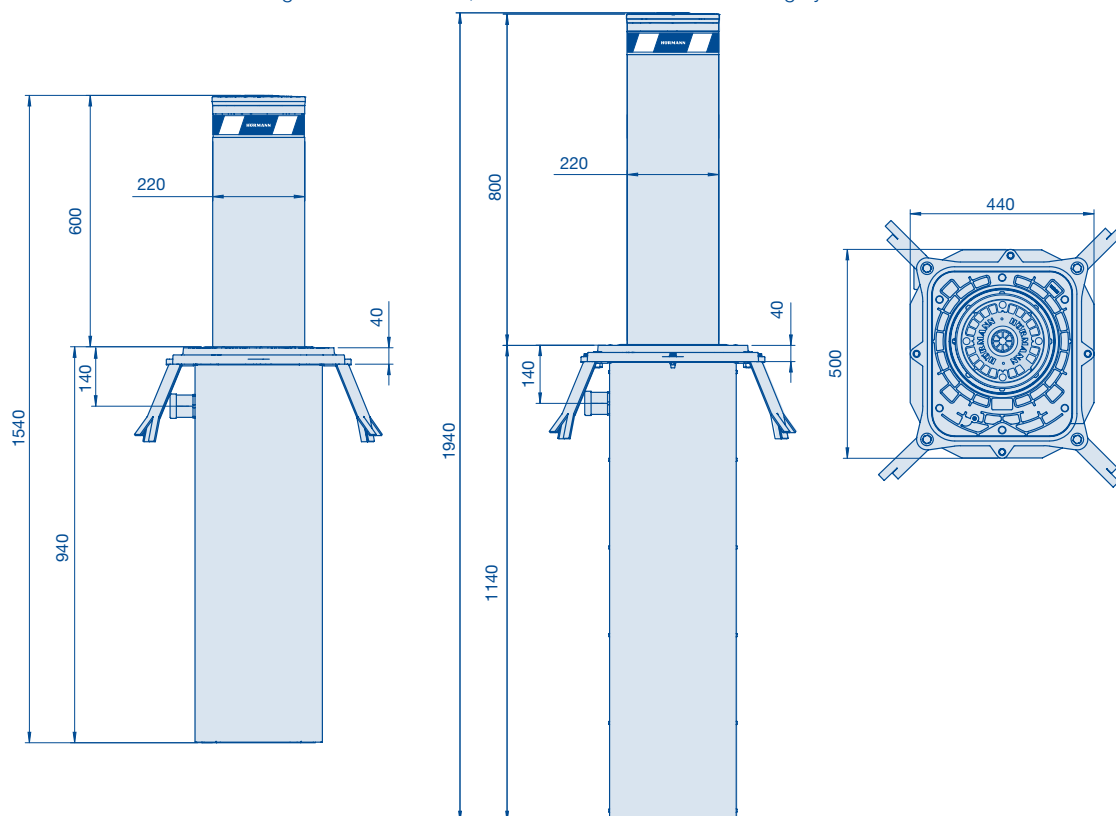
NEW

Available from February 2023



Product description			
Automatic bollards E		A 220-600 E	A 220-800 E
Movable cylinder	Height	600 mm	800 mm
	Diameter	220 mm	
	Material thickness	4 mm	
	Material	Steel S235JR – stainless steel V2A (AISI 304)	
	Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: standard painting* or brushed	
	Reflecting strips (height 55 mm)	Yes	
	Lifting speed	9.5 cm/s	11 cm/s
	Lowering speed	12 cm/s	14 cm/s
Automatic emergency lowering in case of power failure		Yes (emergency batteries included in the scope of delivery)	
Automatic safety cut-out		Yes – as standard	
Connecting cable to control unit		Standard 10 m (max. 30 m)	
Control unit voltage		230/400 V AC (± 10%) 50/60 Hz	
Electromechanical operator		Integrated in bollard	
Electromechanical operator power consumption		140 W (max. 250 W) – 0.6 A (max. 1.1 A)	
Protection category		IP 67	
Cycles per day		1000	
Overall cycles (service life)		1500000	
Impact energy without destruction		30000 J	
Impact energy with destruction		150000 J	
Load rating acc. to EN 124		D400 Regulation	
Temperature range		From – 40°C to + 70°C (for low temperatures, see heating element)	

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Automatic bollards A 220-600/800 E with integrated electromechanical operator		A 220-600 E		A 220-800 E	
		Article no.	€	Article no.	€
Automatic bollard A 220-600/800 E	Painted steel	4516531	2680	4516537	3106
	Painted stainless steel	4516532	2893	4516538	3533
	Brushed stainless steel V2A (AISI 304)	4516533	3181	4516539	3853
Automatic bollard A 220-600/800 E + Lighting strip with 8 LEDs	Painted steel	4516534	3160	4516540	3586
	Painted stainless steel	4516535	3373	4516541	4013
	Brushed stainless steel V2A (AISI 304)	4516536	3661	4516542	4333
Foundation box for automatic bollards				Article no.	€
Steel foundation box with aluminium zinc coating – installation frame and ground anchors		A 220-600 E/H		4515042	436
		A 220-800 E/H		4515073	578
Metal cover cap for foundation box (with screws)				4515043	174
Pavement frame for laying paving stones	Stainless steel standard coating, anti-slip	A 220-600 E/H		4516034	302
		A 220-800 E/H		4516027	302
	Brushed stainless steel	A 220-600 E/H		4516032	302
		A 220-800 E/H		4516029	302
Bollard inserted in foundation box (not fully fitted / to reduce transport costs)				4515008	80
Controls for automatic bollards				Article no.	€
Control for systems with max. 3 bollards A 127/220/275-600/800 E – 2 batteries 12 V 7 Ah				4515011	1076
// NEW Control for systems with max. 6 bollards A 220/275-600/800 E				4516588	1547
// NEW Control for systems with max. 9 bollards A 220/275-600/800 E				4516589	1867
Optional extras for automatic bollards				Article no.	€
Surcharge for painting the cylinder in RAL to choose		Cylinder 220-600		4515057	231
		Cylinder 220-800		4515189	257
Maritime protection against corrosion for steel cylinders (recommended for saline ambient conditions)		Cylinder 220-600		4515055	167
		Cylinder 220-800		4515077	244
Maritime protection against corrosion for bollard frame (recommended for saline ambient conditions)		A 220-600 E/H		4515056	348
		A 220-800 E/H		4515078	425
Maritime protection against corrosion for top installation frame (recommended for saline ambient conditions)				4516141	192
Acoustic warning signal (for bollards only in combination with LED lighting strip)				4515012	68
Heating element incl. transformer and thermostat 80 W, connecting lead 10 m				4515014	656
Extended connecting cable from bollard A 127/220/275-600/800 E to control (max. 30 m in total – including 10 m standard length), supplied in 5 m increments	Per m			4515015	13
Bottom magnetic contact with support brackets – for traffic light control and status feedback				4515016	227
Stainless steel control box with ground fitting, max. 1 control – foundation anchors Dimensions (W x D x H) 330 x 280 x 967 mm, protection category IP 40				4515154	528
Control box made of fibreglass with ground fitting, max. 2 controls – foundation anchors Dimensions (W x D x H) 580 x 280 x 940 mm, protection category IP 55				4515378	1311
Heating element for control – 20 W				4515018	436
Traffic light, LED version, 100 mm – 1 x red / 1 x green (Attention: For A 127/220/275-600 E and A 127/220/275-800 E, the bottom magnetic contact, article no. 4515016, is required.)				4515019	507
Painted post (diameter 105 mm) for traffic lights – length 3.55 m				4515020	321
Up / down signal kit to display bollard position (Attention: For A 127/220/275-600 E and A 127/220/275-800 E, the bottom magnetic contact, article no. 4515016, is required.)				4515021	269
Control panel – 1 Up / Down push button module				4515163	110
Control panel – 1 Up / Down push button module – 1 red / green LED module to indicate traffic light operation (Attention: Bottom magnetic contact required for A 127/220/275-600 E)				4515164	186
// NEW Surcharge for bollard cover and neutral reflective strips				4516590	213
Radio receiver				Article no.	€
HET-E2 SL BS for bollards, road blockers, tyre killers, pre-assembled in the control housing 2-channel relay receiver with status feedback, for choosing direction (lifting and lowering) and limit switch reporting (can be connected to volt-free inputs on the HET). The up / down signal kit is required for the display of the limit switch reporting position via HS 5 BS or optionally via app (Hörmann homee Brain required). Frequency 868 MHz, operating voltage: 24 V DC (Attention: Bottom magnetic contact, art. no. 4515016, additionally required for A 127/220/275-600 E)				4515833	291
HAC perimeter protection system Hörmann Access Control Control for the management of perimeter protection systems via the Online Control web interface					
Online Control					
Accessories for operators and controls					

See from page 112 in industrial price list 18-22.1

Removable bollards

With closed base

R 127-600 / R 127-800

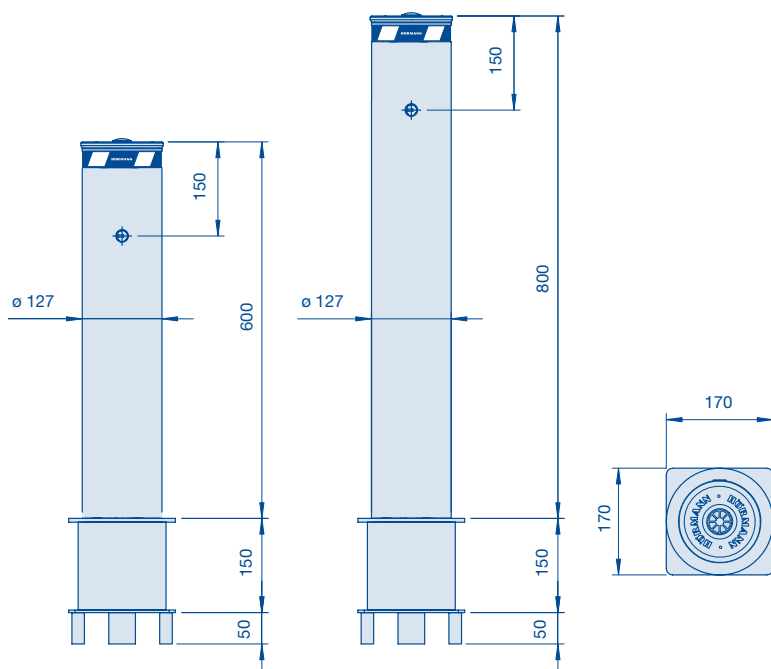
NEW

Available from February 2023



Product description		
	R 127-600	R 127-800
Height	600 mm	800 mm
Diameter	127 mm	
Material thickness	4 mm	
Movable cylinder	Material	Steel S235JR Stainless steel V2 A (AISI 304)
	Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: standard painting* or brushed
	Weight	14 kg
	Reflecting strips (height 55 mm)	Yes
		18 kg
Impact energy without destruction	20000 J	
Impact energy with destruction	150000 J	
Load rating acc. to EN 124	D250 Regulation	
Temperature range	From – 40°C to + 70°C	

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Removable bollard R 127-600/800 with closed base			R 127-600		R 127-800	
			Article no.	€	Article no.	€
Removable bollard R 127-600/800	Painted steel		4516543	1267	4516546	1314
+ Profile half cylinder lock with 2 keys	Painted stainless steel		4516544	1455	4516547	1537
Ground fitting, article no. 4516560, required.	Brushed stainless steel V2A (AISI 304)		4516545	1678	4516548	1701

			Article no.	€
Ground fitting with cylinder bearing for R 127-600/800 made of painted steel, with round bottom plate	Bollard 127-600/800	4516560	299	
Profile half cylinder lock with keys to pass	Surcharge per bollard	Bollard 127-600/800	4515194	38

Optional extras for removable bollards		Article no.	€
Surcharge for painting the cylinder in RAL to choose	Cylinder 127-600	4515491	147
	Cylinder 127-800	4515492	174
Maritime protection against corrosion for steel cylinders (recommended for saline ambient conditions)	Cylinder 127-600	4515495	129
	Cylinder 127-800	4515496	161
Maritime protection against corrosion for ground fitting (recommended for saline ambient conditions)		4516586	155
Additional key for profile half cylinder lock		4516233	17,60
Adjustment of the bollard to the driveway inclination		4516392	On request
Project planning costs for adjustment of the bollard to the driveway inclination (in case of first-time implementation)		4516393	On request

Removable bollards

With closed base

R 220-600 / R 220-800

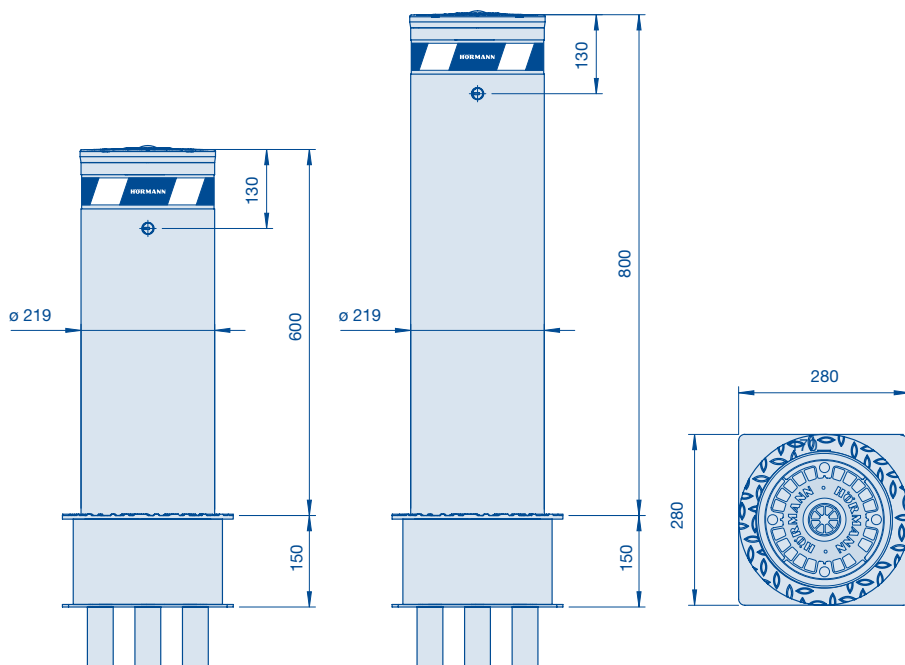
NEW

Available from February 2023



Product description		
	R 220-600	R 220-800
Height	600 mm	800 mm
Diameter	220 mm	
Material thickness	4 mm	
Material	Steel S235JR Stainless steel V2 A (AISI 304)	
Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: standard painting * or brushed	
Weight	19 kg	23 kg
Reflecting strips (height 55 mm)	Yes	
Impact energy without destruction	30000 J	
Impact energy with destruction	150000 J	
Load rating acc. to EN 124	D250 Regulation	
Temperature range	From – 40°C to + 70°C	

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Removable bollard R 220-600/800 with closed base			R 220-600		R 220-800	
			Article no.	€	Article no.	€
Removable bollard R 220-600/800	Painted steel		4516549	1455	4516552	1506
+ Profile half cylinder lock with 2 keys	Painted stainless steel		4516550	1742	4516553	1792
Ground fitting, article no. 4516562, required.	Brushed stainless steel V2A (AISI 304)		4516551	1948	4516554	2009
			Article no.		€	
Ground fitting with cylinder bearing for R 127-600/800 made of painted steel, with round bottom plate			Bollard 220-600/800	4516562	318	
Profile half cylinder lock with keys to pass			Surcharge per bollard	Bollard 220-600/800	4515194	38
Optional extras for removable bollards			Article no.		€	
Surcharge for painting the cylinder in RAL to choose			Cylinder 220-600	4515057	231	
			Cylinder 220-800	4515189	257	
Maritime protection against corrosion for steel cylinders (recommended for saline ambient conditions)			Cylinder 220-600	4515055	167	
			Cylinder 220-800	4515189	244	
Maritime protection against corrosion for ground fitting (recommended for saline ambient conditions)				4515586	155	
Additional key for profile half cylinder lock				4516233	17,60	
Adjustment of the bollard to the driveway inclination				4516392	On request	
Project planning costs for adjustment of the bollard to the driveway inclination (in case of first-time implementation)				4516393	On request	

Removable design bollards

with ground fitting to set in concrete

R 140-900

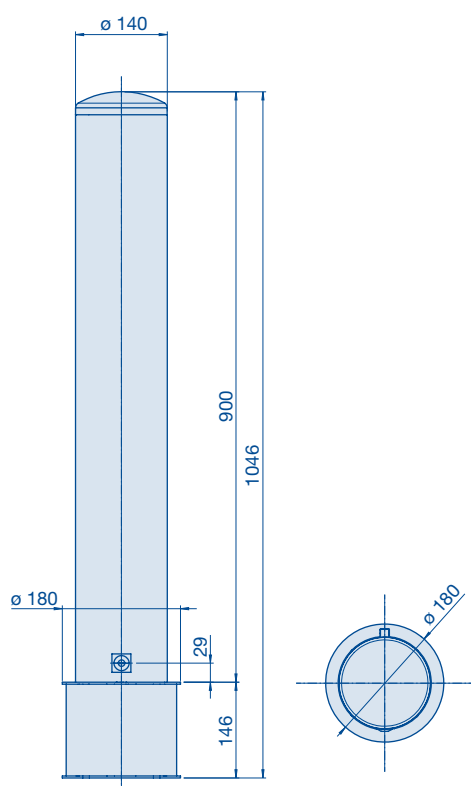
NEW

Available from February 2023



Product description		
Removable design bollards		R 140-900
Movable cylinder	Height	900 mm
	Diameter	140 mm
	Material thickness	2 mm
	Material	Steel S235JR Stainless steel V2 A (AISI 304)
	Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: brushed
	Weight	11 kg
	Fitting depth for ground fitting to set in concrete	150 mm
Load rating acc. to EN 124		D250 Regulation
Temperature range		From –40°C to +70°C

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Removable design bollard R 140-900 with closed base		R 140-900	
		Article no.	€
Removable design bollard R 140-900 + Cam lock with 2 keys	Painted steel	4516555	560
	Brushed stainless steel V2A (AISI 304)	4516556	1123
Ground fitting, article no. 4516561, required.			

	Article no.	€
Ground fitting with cylinder bearing for R 140-900 made of painted steel, with round bottom plate Bollard R 140-900	4516561	291

Optional extras for removable bollards	Article no.	€
Surcharge for painting the cylinder in RAL to choose	4516219	49
Additional key for cam lock	4516587	18

Versions with diameter 102 mm or 168 mm, or with other cover shapes, as well as other cylinder lengths are available on request.

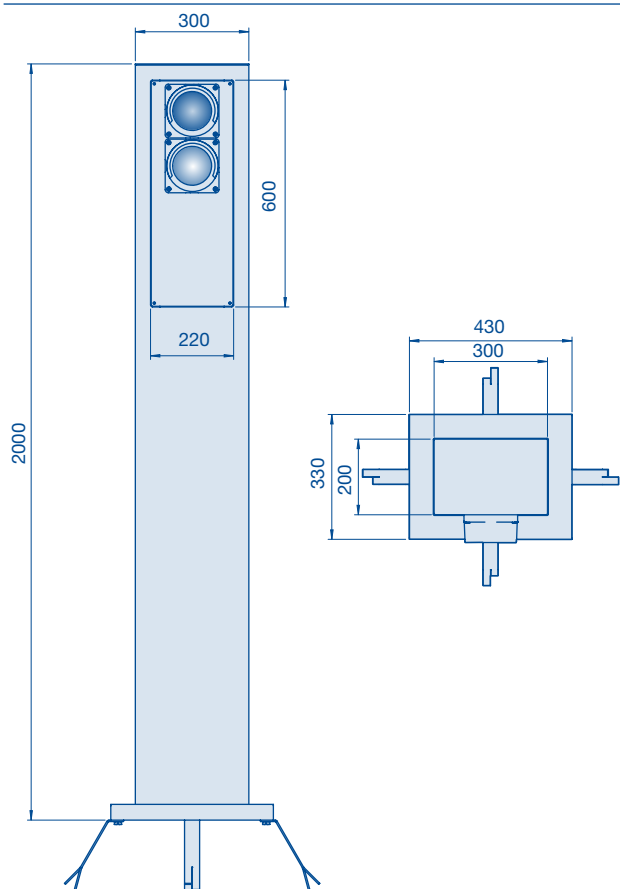
Key switch posts

For perimeter protection and access regulation

Rectangular 300 × 200 mm

NEW

Available from February 2023



Shown with cut-out

Fixed posts		Article no.	€
Post <ul style="list-style-type: none"> • On one side, with 1 cut-out 600 × 220 mm To hold 1 warning light and command units • Complete with ground anchors • Rectangular cross-section 300 × 200 mm • Height 2000 mm • Surface finish in Anthracite grey as standard 	Painted steel *	4516557	1344
Post <ul style="list-style-type: none"> • On two sides, with 2 cut-outs, each 600 × 220 mm To hold 2 warning lights and command units • Complete with ground anchors • Rectangular cross-section 300 × 200 mm • Height 2000 mm • Surface finish in Anthracite grey as standard 	Painted steel *	4516558	1344
Surcharge for painting in RAL to choose		4516559	411
For post with rectangular cross-section 300 × 200 mm			
Cut-out in post / barrier for additional control element		4516584	240
Additional key for cam lock		4516587	18

Note:

- For orders together with bollards, the control can be installed into the post.
- Posts can be manufactured with different specifications.
- Fitted devices (warning lights, controls, switches, readers, etc.) are not included in the stated prices.
- In conjunction with the control for bollards of:
 - Security Line H, a system with max. 5 bollards is possible.
 - Security Line E, a system with max. 3 bollards is possible.
 - High Security Line H, a system with max. 2 bollards is possible.
- Not suitable for bollards of High Security Line E.
- Protection category IP 40

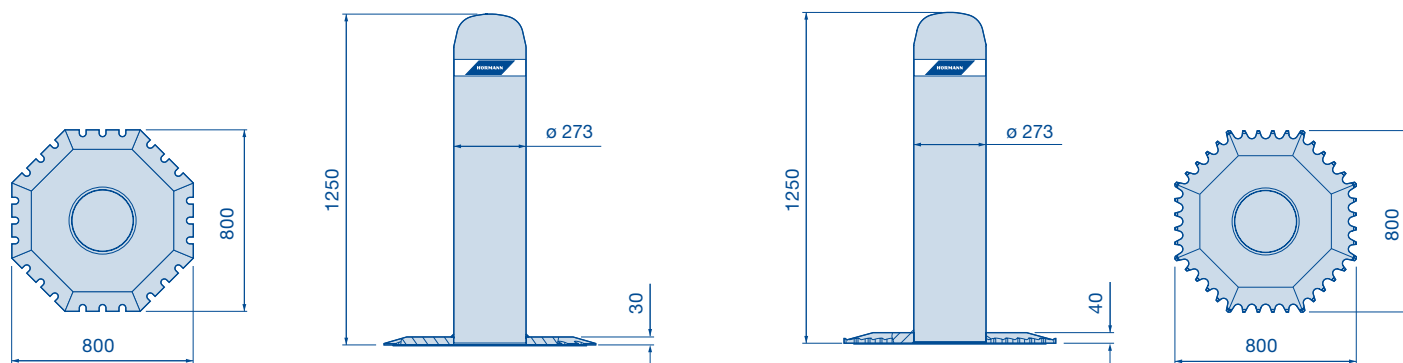
OktaBlock / OktaBlock TR

Product description			
	OktaBlock	OktaBlock TR	
Removable cylinder	Dimensions of the base plate (W × H × D)	800 × 30 × 800 mm	800 × 40 × 800 mm
	Height	1250 mm	1250 mm
	Diameter	273 mm	273 mm
	Material thickness	16 mm	16 mm
	Material	Steel S 355	Steel S 355
	Cylinder infill	Concrete	Steel concrete
	Surface treatment	Standard coating *, optionally in RAL to choose	Standard coating *, optionally in RAL to choose
	Weight	Approx. 350 kg	Approx. 450 kg
	Reflecting strips (height 55 mm)	Yes	Yes
Impact energy	750000 J		986000 J
Certified acc. to	M30, K4, PAS68:2013, IWA-14-1:2013		SK1B, TR Pol **, DIN SPEC 91414-1 ***
Transport aid for lifting the OktaBlock	Eyebolt M20, incl. sling rope included in the scope of delivery		

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.

** According to the technical guidelines of the German police for mobile vehicle barriers, version 0.8

*** When used in conjunction with add-on kit, article no. 4603616.



Mobile vehicle barrier OktaBlock / OktaBlock TR			Article no.	€
Mobile vehicle barrier OktaBlock	Painted steel		4600901	8887
Mobile vehicle barrier OktaBlock TR	Painted steel		4600903	9959
Surcharge for painting in RAL to choose	Surcharge per OktaBlock / OktaBlock TR		4600902	521

Mobile vehicle barrier



OktaBlock / OktaBlock TR

Optional extras for mobile vehicle barriers OktaBlock / OktaBlock TR	Article no.	€
Placement case Contains e.g. useful tools for marking setup positions, compensating for uneven subsurfaces and additional spare screw plugs.	4601493	457
Maintenance case Contains e.g. spare warning marks, sling rope and spray paint for repairing surface damage.	4601494	443
OktaMover Transport aid for OktaBlock / OktaBlock TR, for easy placement and relocation of OktaBlock vehicle barriers without a forklift, crane or similar. Hydraulics for easy lifting and lowering, parking brake	4601981	5266
Universal adapter for fastening standard construction site lights Adapter for fastening all conventional construction site lights with fixing bracket (58–64 mm screw spacing) on the head of the OktaBlock / OktaBlock TR. The max. weight of the lights is 1.2 kg. Lights to be provided on site.	4601982	112
Expansion set to fulfil the British VADS standard (CPNI) With the set consisting of special connecting loops and an anti-slip cover mats, the OktaBlock PAS / IWA fulfils the additional requirements of the British Centre for the Protection of National Infrastructure (CPNI) according to the Vehicle Attack Delay Standard (VADS) for vehicles up to 2.5 t. The bollards must be installed in accordance with the tested configurations.		On request
// NEW Add-on kit to comply with standard DIN SPEC 91414-1 for 3 Oktablock TR Thanks to the set consisting of special connecting loops and anti-slip cover mats, the OktaBlock TR fulfills the additional requirements for mobile vehicle barriers according to standard DIN SPEC 91414-1. Only available in conjunction with OktaBlock TR. The bollards must be installed according to the tested configuration!	4603616	855

Security certifications

Explanations

Crash tests create optimum prerequisites for official inspections by authorised test centres for official approvals. Certification of bollards and road blockers requires realistic crash tests with particularly high loads. In this test, for example, a 7.5 tonne lorry (remote-controlled) drives into a road blocker at a speed of 80 km/h. The various certificates from the USA and Europe are recognised as being equivalent internationally, provided they fulfil the same requirements.

K12

Crash test – K12 rating

American Certification DOS SD-SDT – 02.01 Performed at Texas Transportation Institute
The Texas A&M University System, Texas U.S.A.

Test method

Vehicle weight: 6.8 t
Speed: 80 km/h
Impact energy: 1679012 J

M50

Crash test – M50 rating

Certification ASTM F2656-07
Performed at Karco Engineering, LLC.
Automotive Research Center,
Adelanto, CA, U.S.A.

Test method

Vehicle weight: 6.8 t
Speed: 80 km/h
Impact energy: 1679012 J

M30

Crash test – M30 rating

Certification ASTM F2656-07
Performed at Karco Engineering, LLC.
Automotive Research Center,
Adelanto, CA, U.S.A.

Test method

Vehicle weight: 6.8 t
Speed: 50 km/h
Impact energy: 655864 J

PAS68

Crash test – rating PAS68:2013

Certification PAS68:2013
Performed at Aisico srl.
Crash Test Center, Pereto (Aq) – Italy

Test methods

Vehicle weight: 7.5 t
Speed: 50 km/h
Impact energy: 723380 J

Vehicle weight: 7.5 t
Speed: 80 km/h
Impact energy: 1851852 J

IWA14

Crash test – IWA14-1:2013 rating

Certification IWA14-1:2013
Performed at Aisico S.r.l.
Crash Test Center, Pereto (Aq) – Italy

Test methods

Vehicle weight: 7.2 t
Speed: 50 km/h
Impact energy: 694444 J

Vehicle weight: 7.2 t
Speed: 80 km/h
Impact energy: 1777778 J

SK1B

Technical guidelines of the German police for mobile vehicle barriers
Version 0.8

Test methods

Vehicle weight: 7.5 t
Speed: 53 km/h
Impact energy: 986000 J

VADS

Vehicle Attack Delay Standard of the British Centre for the Protection of National Infrastructure (CPNI)

Test methods

A skilled driver must be prevented from getting past the vehicle barrier for a defined period of time with a defined vehicle.

Brand quality for residential and commercial construction

The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly-specialised factories using state-of-the-art production technologies. Furthermore, our employees work intensively on new products, continual further developments and improvements to details. The results are patents and one-of-a-kind products you can depend on.

