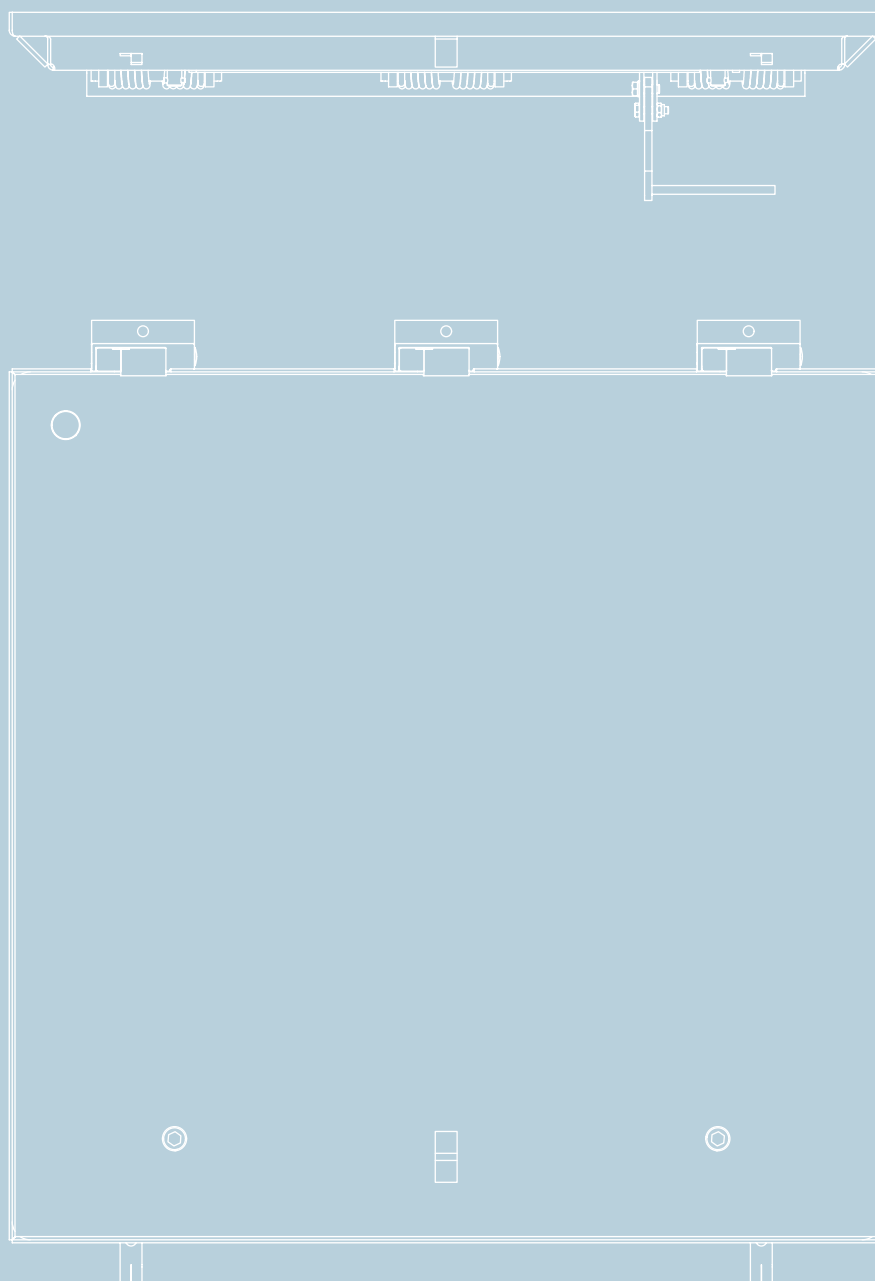




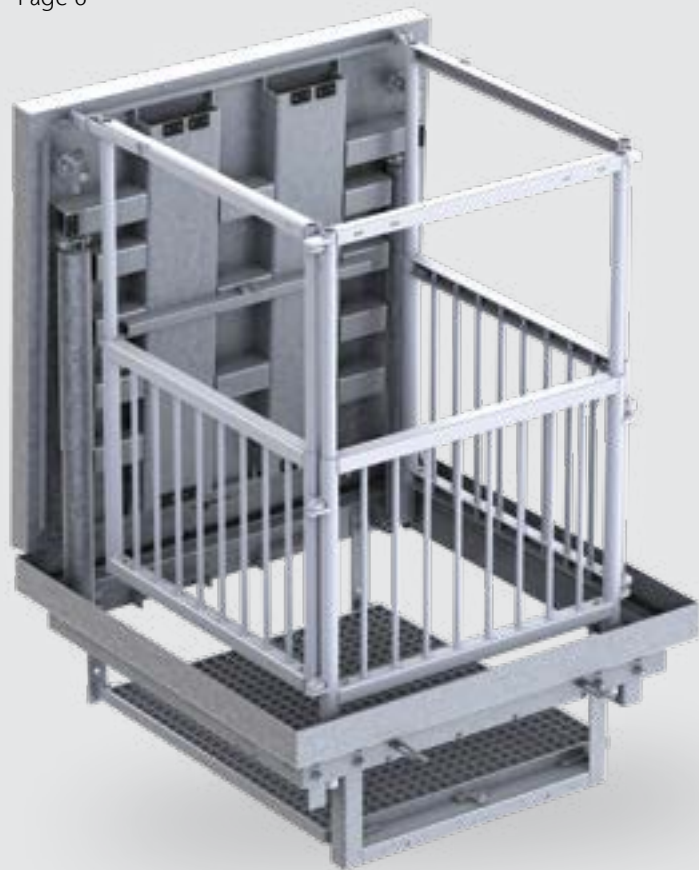
ACO Access Cover

Product Catalogue

SERVOKAT Modular, SERVOKAT Smart,
SERVOKAT GD, SERVOKAT GD FR

ACO Access Cover
SERVOKAT Modular D400

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ACO Access Cover
SERVOKAT GD

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SERVOKAT Smart

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ACO Access Cover
SERVOKAT GD FR
(Fire Resistance)

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NOTE

Any more questions?
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ACO team is proud to offer
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ACO Access Covers
Online Information



ACO. we care for water

ACO is a Water-Tech company that protects water. Building on our global drainage expertise that protects people from water, we increasingly see our mission as also protecting water from people.

With the ACO WaterCycle, ACO provides systems that collect and channel, clean, retain and ultimately reuse water. In this way, ACO contributes to the preservation of clean groundwater as a vital resource, and makes a contribution to tomorrow's world. In its Agenda 2030, the UN global community set the improvement of water quality as one of 17 sustainable development goals.

Intelligent drainage systems from ACO increasingly use smart technology to ensure that rainwater and wastewater are drained, or temporarily stored. With innovative separation and filter technology, we prevent water contamination by pollutants such as fat and grease, fuels, heavy metals and microplastics.

Today, ACO goes one step further: we accept the challenge of reusing water, and thus establishing a resource-saving cycle. For all products and systems, ACO attaches great importance to durability, reusability and a low carbon footprint. The pursuit of sustainability is an ongoing process that we strive to meet every day.

The ACO Group is a global family business that is one of the world market leaders in the Water-Tech segment. Founded in Schleswig-Holstein in 1946, it operates as a transnational network in over 50 countries. Worldwide, ACO is characterised by a high level of decentralised ownership, and explicit regional market proximity.

www.aco.com



5.500

employees in more than
50 countries (Europe, North
and South America, Asia,
Australia, Africa)

1,14 Billion

Euro Sales in 2024

43

production sites
in 20 countries



Holder
Iver and Hans-Julius Ahlmann



Headquarters of the ACO Group
in Rendsburg/Büdelisdorf



ACO Academy
for practical training

ACO Access Cover SERVOKAT Modular D400

SERVOKAT Modular D400 product range is designed in order to be equipped by safety components such as GS/SS grate or aluminium railing.



■ Turn buckle closing system



■ Safety aluminium railing



■ Cushioning inserts



■ Easy and safe mechanical spring assembly



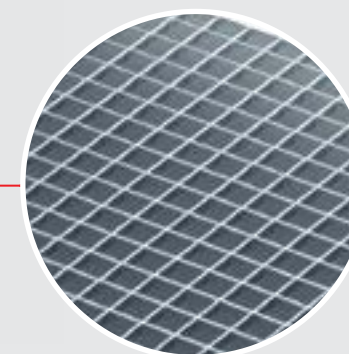
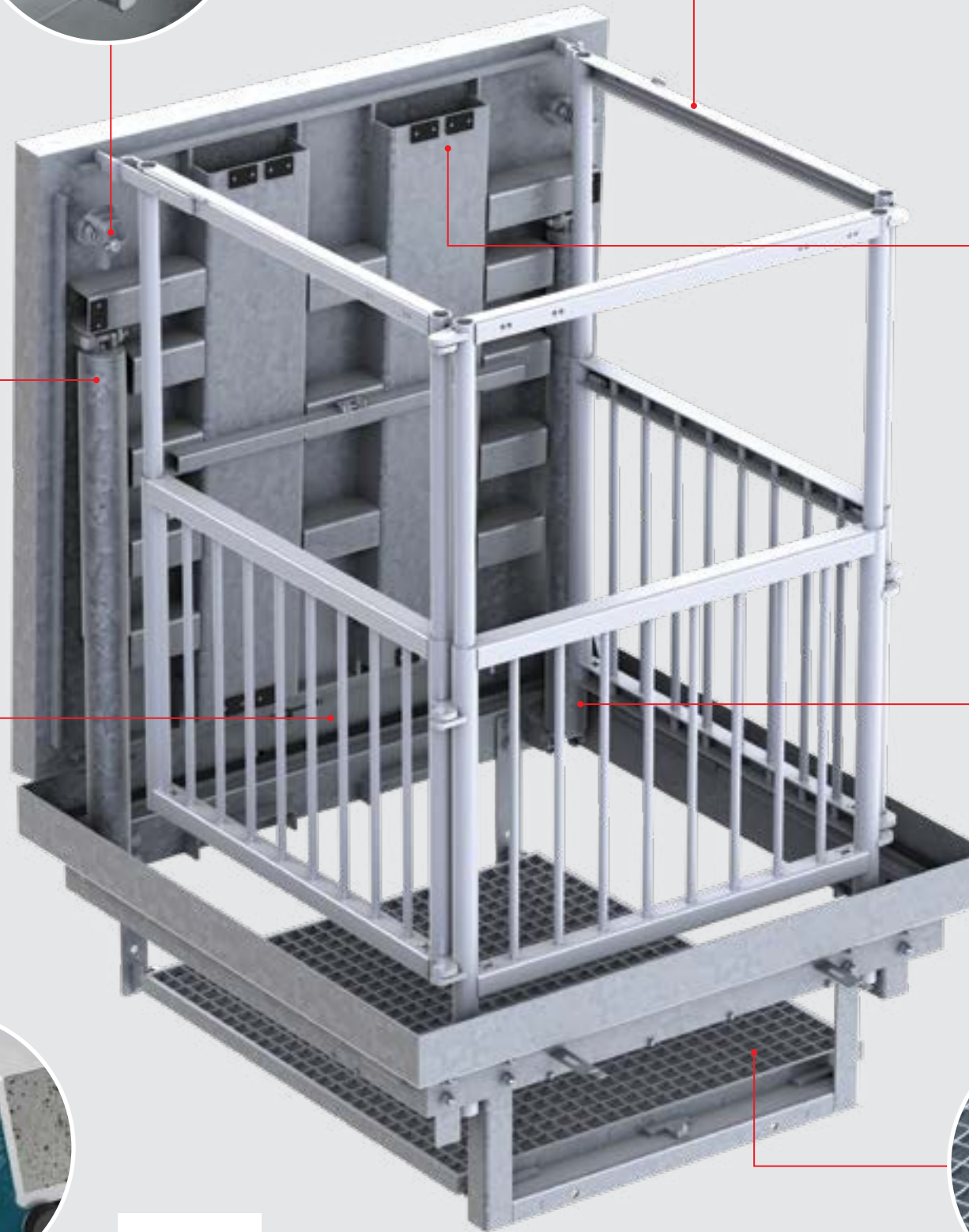
■ Mechanical spring assistance



■ Screw-lock with lifting key to open or close from above



■ Water Guard function



■ Safety grate

Scan the QR code and **learn more about ACO SERVOKAT Modular**



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SERVOKAT Modular



ACO Access Cover SERVOKAT Modular D400

Product Information

- Type-tested and certified acc. to EN 124:2015
 - Meets declared load class up to D400 (declared without infill)
 - Opening assistance provided by a mechanical spring
 - Easy-lock and simple hinges that do not interfere with the clear opening
 - Cushioning inserts reduce noise from traffic
 - Corrosion-resistant – hot-dip galvanized mild steel (GS) / pickle passivated stainless steel (SS)
 - Secure and time-saving installation – no formwork application required / easy and fast assembly of mechanical springs
 - Watertightness tested (not certified) acc. to EN 1253-4*
 - Water Guard – water flow control away from sensitive technologies
- Modular design – protecting lightweight aluminum railing and GS/SS grate as standard equipment
 - Railing – provides full protection when the cover is opened, with two-sided access, 1.1 m height and foldable/telescopic assembly
 - Grate – one side is hinged and secured when opened
 - Mechanical spring designed for concrete C35/45 infill; different material infill must be communicated in advance in order to design a suitable mechanical spring
 - Installation – the access cover must be installed according to the installation instructions to ensure full functionality of the cover equipment

Clear opening	External dimensions	Frame height	Load class	Weight	Galvanised steel		Aluminium
					Cover	Grate	Railing AL
					Item No.	Item No.	Item No.
(A x B)	(C x D)		(EN 124)				
[mm]	[mm]	[mm]		[kg]			
700x700	814x849	176	D400	149	2254030	3027023	3027017
800x800	914x949	176	D400	172	2254031	3027024	3027018
900x900	1014x1049	176	D400	205	2254032	3027025	3027019
1000x1000	1114x1149	176	D400	236	2254033	3027026	3027022

Clear opening	External dimensions	Frame height	Load class	Weight	Stainless steel		Aluminium
					Cover	Grate	Railing AL
					Item No.	Item No.	Item No.
(A x B)	(C x D)		(EN 124)				
[mm]	[mm]	[mm]		[kg]			
700x700	814x849	176	D400	150	2254034	3027041	3027017
800x800	914x949	176	D400	173	2254035	3027042	3027018
900x900	1014x1049	176	D400	206	2254036	3027043	3027019
1000x1000	1114x1149	176	D400	237	2254037	3027044	3027022

ACO Access Cover SERVOKAT Modular D400

SERVOKAT Modular D400 product range is designed in order to be equipped by safety components such as GS/SS grate or aluminium railing.



* Watertightness test procedure acc. to EN 1253-4: water flooding 10±1 mm for time period 15±1m – no leak of water to the bottom side of cover supervised by Authorized body 204



ACO Access Cover
SERVOKAT Modular D400
Cover



Clear opening	External dimensions	Frame height	Load class	Weight	Galvanised steel
(A x B)	(C x D)		(EN 124)		Cover
[mm]	[mm]	[mm]		[kg]	Item No.
700x700	814x849	176	D400	149	2254030
800x800	914x949	176	D400	172	2254031
900x900	1014x1049	176	D400	205	2254032
1000x1000	1114x1149	176	D400	236	2254033

Clear opening	External dimensions	Frame height	Load class	Weight	Stainless steel
(A x B)	(C x D)		(EN 124)		Cover
[mm]	[mm]	[mm]		[kg]	Item No.
700x700	814x849	176	D400	150	2254034
800x800	914x949	176	D400	173	2254035
900x900	1014x1049	176	D400	206	2254036
1000x1000	1114x1149	176	D400	237	2254037

ACO Access Cover
SERVOKAT Modular D400
Cover with Grate



Clear opening	External dimensions	Frame height	Load class	Weight	Galvanised steel	
(A x B)	(C x D)		(EN 124)		Cover	Grate
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
700x700	814x849	176	D400	149	2254030	3027023
800x800	914x949	176	D400	172	2254031	3027024
900x900	1014x1049	176	D400	205	2254032	3027025
1000x1000	1114x1149	176	D400	236	2254033	3027026

Clear opening	External dimensions	Frame height	Load class	Weight	Stainless steel	
(A x B)	(C x D)		(EN 124)		Cover	Grate
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
700x700	814x849	176	D400	150	2254034	3027041
800x800	914x949	176	D400	173	2254035	3027042
900x900	1014x1049	176	D400	206	2254036	3027043
1000x1000	1114x1149	176	D400	237	2254037	3027044

ACO Access Cover
SERVOKAT Modular D400
Cover with Aluminium
Railing



Clear opening	External dimensions	Frame height	Load class	Weight	Galvanised steel	Aluminium
(A x B)	(C x D)		(EN 124)		Cover	Railing AL
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
700x700	814x849	176	D400	149	2254030	3027017
800x800	914x949	176	D400	172	2254031	3027018
900x900	1014x1049	176	D400	205	2254032	3027019
1000x1000	1114x1149	176	D400	236	2254033	3027022

Clear opening	External dimensions	Frame height	Load class	Weight	Stainless steel	Aluminium
(A x B)	(C x D)		(EN 124)		Cover	Railing AL
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
700x700	814x849	176	D400	150	2254034	3027017
800x800	914x949	176	D400	173	2254035	3027018
900x900	1014x1049	176	D400	206	2254036	3027019
1000x1000	1114x1149	176	D400	237	2254037	3027022

ACO Design and Support Services

A Comprehensive, Professional Approach to Every Project

At ACO, we offer a range of expert design and support services to ensure our customers benefit from high-performing, durable drainage systems that meet the demands of their specific production environments.

Our support services start at planning new drainage layouts and optimizing existing designs to providing BIM data, on-site system assembly, and precision welding.

Our team of professionals is ready to assess your current drainage performance, identify potential risks related to hygiene, operation, and safety, and develop a structured corrective action plan.

We ensure that your drainage system aligns with your production technology, traffic flow, and operational needs—supporting both efficiency and workplace safety.

askACO

More information available at www.aco-accesscovers.com

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SERVOKAT Smart



ACO Access Cover SERVOKAT Smart

Product Information

- Type tested and certified according to EN 124:2015
- Meets declared load class up to D400
- Opening assistance contributed by mechanical torsion springs
- Easy lock and simple hinges not interfering the clear opening
- Cushioning inserts reducing noise from traffic
- Corrosion resistant – hot dip galvanized mild steel / pickled passivated stainless steel
- Secure and time saving installation – no frame work application for installation
- Very shallow installation height – ONLY 80 mm
- Watertightness tested (not certified) acc. to EN 1253-4*
- ACO Access Cover SERVOKAT Smart is the best solution when cover has to be frequently opened and closed in order to inspect or maintain shaft's area of cover underneath.
- All cover's parts are not interfering clear opening in order to bring as safe and easy cover usage as possible.
- Ideal solution for application requiring a shallow installation while maintaining safety, functionality and very high load resistance.

ACO Access Cover SERVOKAT Smart A15



Clear opening	External dimensions	Frame height	Load class	Weight	Galvanised steel	Stainless steel
(A x B)	(C x D)		(EN 124)		Item No.	Item No.
[mm]	[mm]	[mm]		[kg]		
1000 x 1000	1241 x 1206	80	A15	141	448306	448305
800 x 800	1041 x 1006	80	A15	106	448310	448309

ACO Access Cover SERVOKAT Smart B125



Clear opening	External dimensions	Frame height	Load class	Weight	Galvanised steel	Stainless steel
(A x B)	(C x D)		(EN 124)		Item No.	Item No.
[mm]	[mm]	[mm]		[kg]		
1000 x 1000	1241 x 1206	80	B125	166	450170	450169
800 x 800	1041 x 1006	80	B125	120	450166	450165

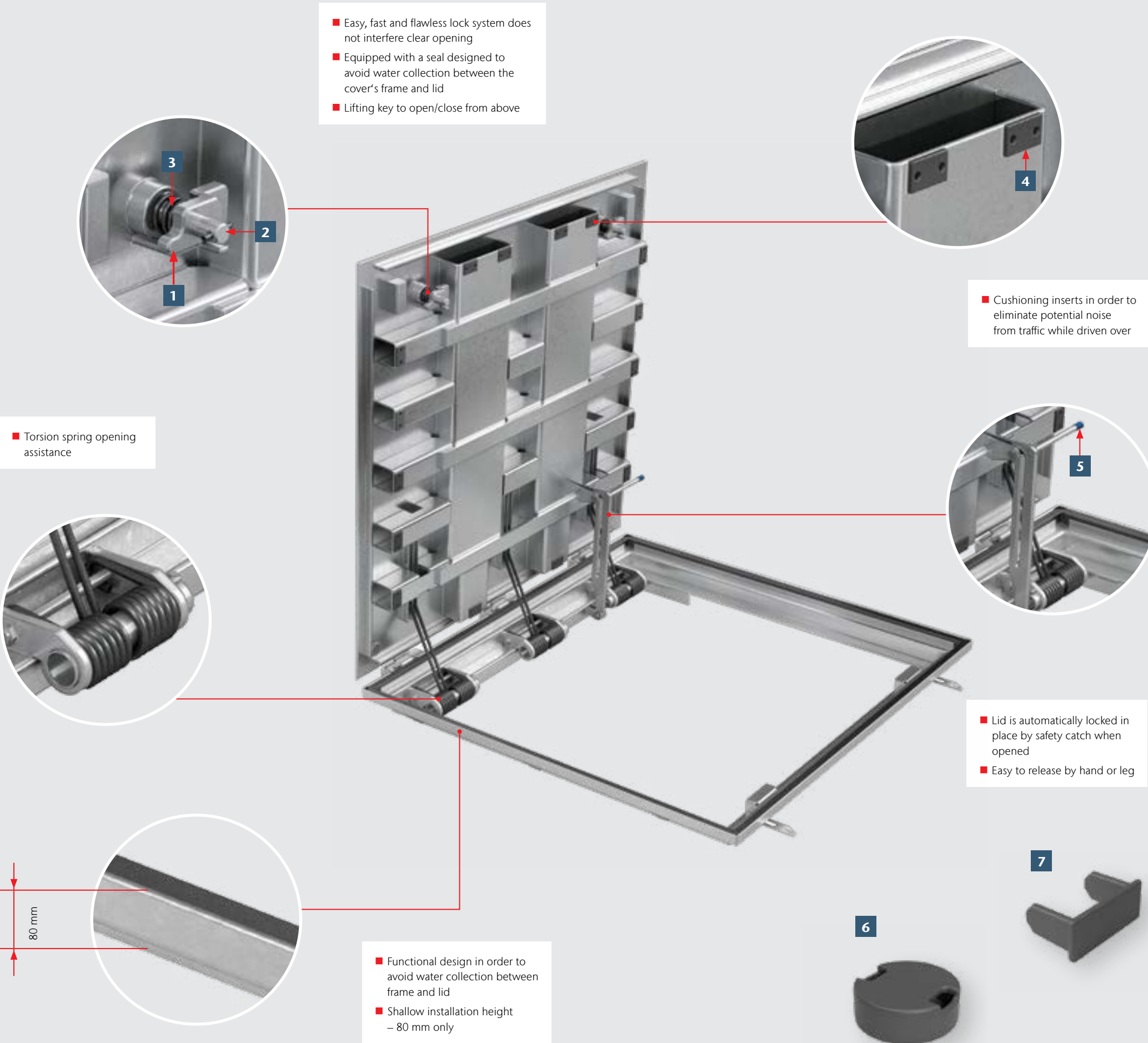
ACO Access Cover SERVOKAT Smart D400



Clear opening	External dimensions	Frame height	Load class	Weight	Galvanised steel	Stainless steel
(A x B)	(C x D)		(EN 124)		Item No.	Item No.
[mm]	[mm]	[mm]		[kg]		
1000 x 1000	1241 x 1206	80	D400	206	448138	448137
900 x 900	1141 x 1106	80	D400	180	448140	448139
800 x 800	1041 x 1006	80	D400	147	448142	448141
700 x 700	941 x 906	80	D400	124	448144	448143
600 x 600	841 x 806	80	D400	99	448146	448145
600 x 800	841 x 1006	80	D400	122	448148	448147
600 x 900	841 x 1106	80	D400	135	448150	448149
800 x 1000	1041 x 1206	80	D400	173	448152	448151
1000 x 1500	1241 x 1706	80	D400	280	448154	448153
900 x 1200	1141 x 1406	80	D400	220	448156	448155
1000 x 1200	1241 x 1406	80	D400	234	449664	449663

* Watertightness test procedure acc. to EN 1253-4: water flooding 10±1 mm for time period 15±1m – no leak of water to the bottom side of cover supervised by Authorized body 204





ACO Access Cover
SERVOKAT Smart A15, B125

- 1 **Turn buckle element**
Item No. E70943
- 2 **Screw of turn buckle**
Item No. NM19597
- 3 **Spring of turn buckle**
Item No. NM19607
- 4 **Cushioning insert**
Item No. E68190
- 5 **Cap of secure rod**
Item No. NM20269
- 6 **Plastic cap**
Item No. E68756
- 7 **Plastic cap**
Item No. E68758

ACO Access Cover
SERVOKAT Smart D400

- 1 **Turn buckle element**
Item No. NM19944
- 2 **Screw of turn buckle**
Item No. NM19597
- 3 **Spring of turn buckle**
Item No. NM19607
- 4 **Cushioning insert**
Item No. E68190
- 5 **Cap of secure rod**
Item No. NM20269
- 6 **Plastic cap**
Item No. E68756
- 7 **Plastic cap**
Item No. E68758

ACO Access Cover
SERVOKAT GD B125

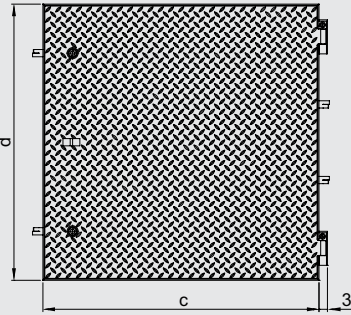
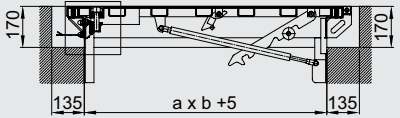
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SERVOKAT GD



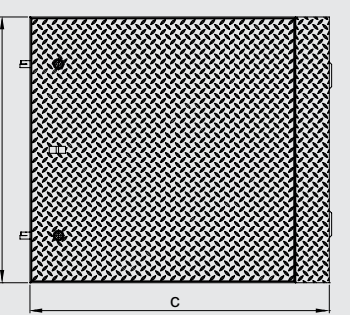
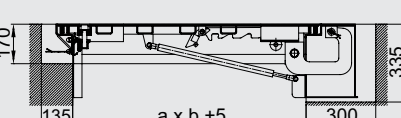
Product Information

- Type tested and certified according to EN 124:2015
- Meets declared load class up to B125
- Opening assistance contributed by gas spring
- Corrosion resistant – hot dip galvanized mild steel / pickled passivated stainless steel
- Watertightness tested (not certified) acc. to EN 1253-4*
- Cover locking from above (normal lock type) or from the underneath (emergency exit type)

Frame and cover

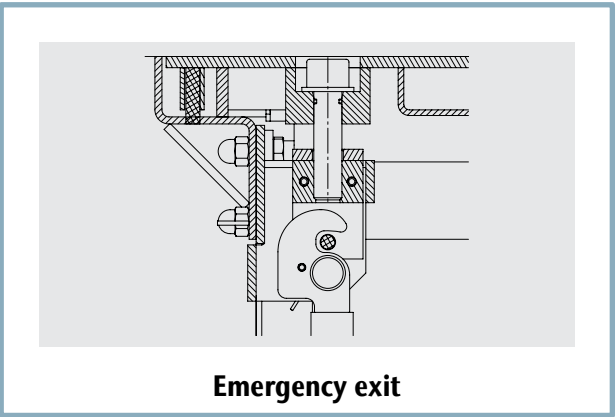
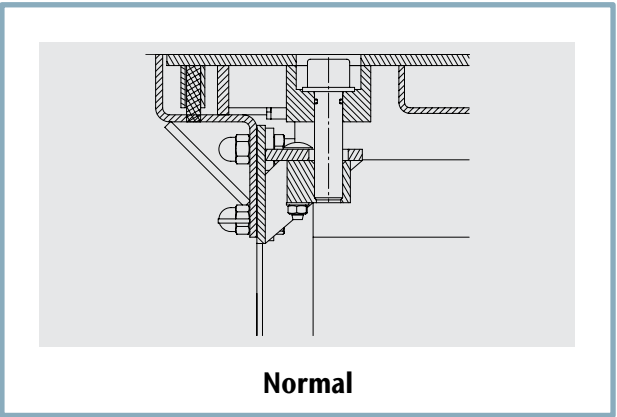


Galvanised steel



Stainless steel

Lock type



Clear opening (A x B)	External dimensions (C x D)	Height	Number of locks	Weight	Galvanised steel	
					Lock Type	
					Normal	Emergency exit
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
600 x 600	744 x 744	170	1	100	58447	58606
600 x 800	744 x 944	170	2	120	59923	60162
700 x 700	844 x 844	170	1	120	59231	59232
700 x 1400	844 x 1544	170	2	200	59400	60163
800 x 800	944 x 944	170	2	150	58448	58607
800 x 1000	944 x 1144	170	2	170	59570	60164
1000 x 1000	1144 x 1144	170	2	200	58449	59924
1000 x 1500	1144 x 1644	170	2	270	60161	60165
1000 x 2000	1144 x 2144	170	3	340	58751	60166
1200 x 1200	1344 x 1344	170	2	260	58450	60167
1500 x 1500	1644 x 1644	170	2	350	685254	60168

Clear opening (A x B)	External dimensions (C x D)	Height	Number of locks	Weight	Stainless steel	
					Lock Type	
					Normal	Emergency exit
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
600 x 600	889 x 744	335	1	120	59298	59301
600 x 800	889 x 944	335	2	140	59925	60395
700 x 700	989 x 844	335	1	140	59299	59302
700 x 1400	989 x 1544	335	2	220	60393	60396
800 x 800	1089 x 944	335	2	170	58451	59303
800 x 1000	1089 x 1144	335	2	190	60394	60397
1000 x 1000	1289 x 1144	335	2	220	58452	59304
1000 x 1500	1289 x 1644	335	2	290	60169	58608
1000 x 2000	1289 x 2144	335	3	380	59550	60398
1200 x 1200	1489 x 1344	335	2	280	59300	60399
1500 x 1500	1789 x 1644	335	2	380	59551	60400

* Watertightness test procedure acc. to EN 1253-4: water flooding 10±1 mm for time period 15±1m – no leak of water to the bottom side of cover supervised by Authorized body 204



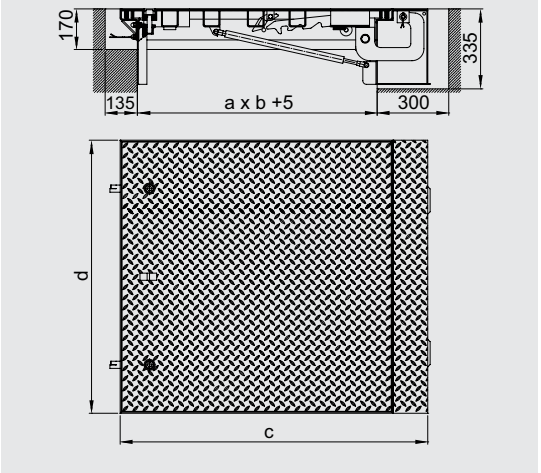


ACO Access Cover SERVOKAT GD D400

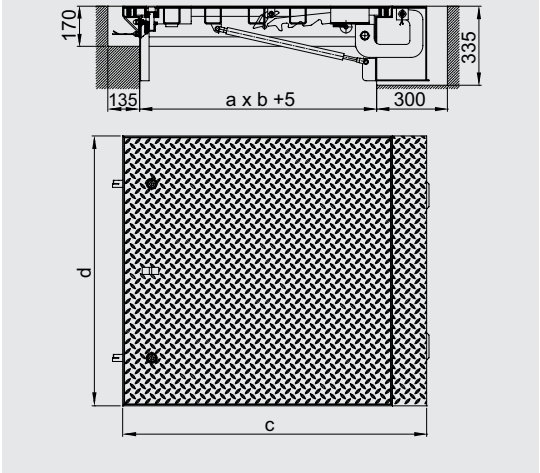
Product Information

- Type tested and certified according to EN 124:2015
 - Meets declared load class up to D400
 - Opening assistance contributed by gas spring
 - Corrosion resistant – hot dip
- galvanized mild steel / pickled passivated stainless steel
 - Watertightness tested (not certified) acc. to EN 1253-4*
 - Cover locking from above (normal lock type) or from the underneath (emergency exit type)

Frame and cover

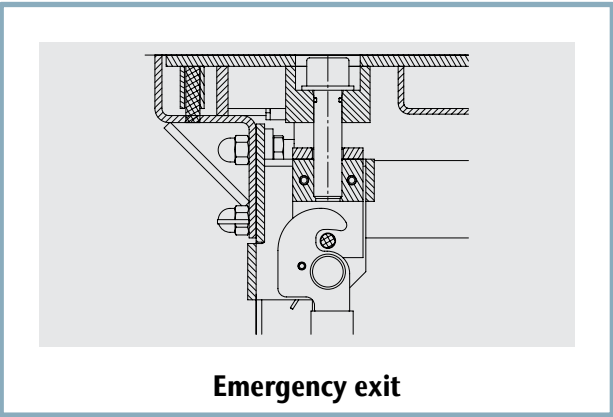
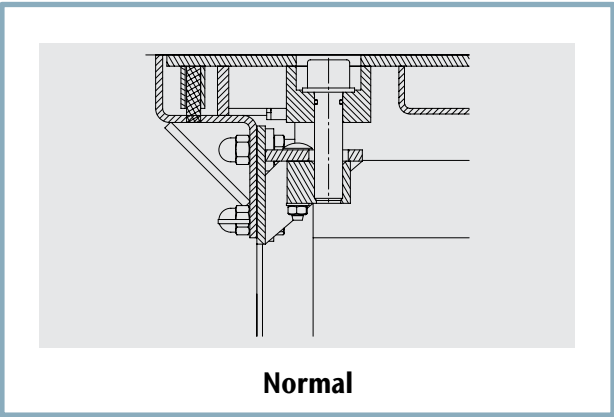


Galvanised steel



Stainless steel

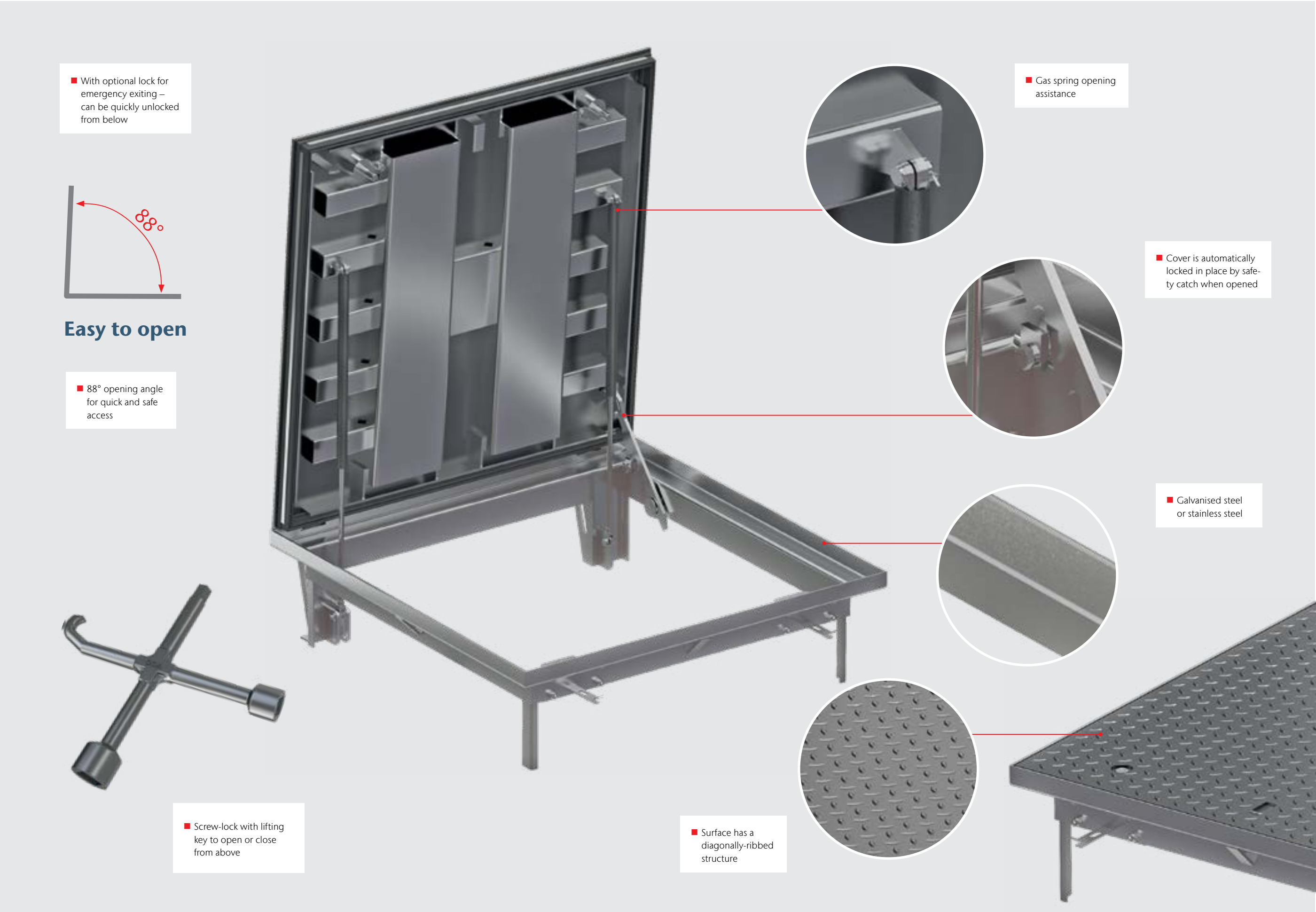
Lock type



Clear opening (A x B)	External dimensions (C x D)	Height	Number of locks	Weight	Galvanised steel	
					Lock Type	
					Normal	Emergency exit
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
600 x 600	889 x 744	335	1	130	59934	60936
600 x 800	889 x 944	335	2	150	59935	60937
700 x 700	989 x 844	335	1	150	59936	60938
700 x 1400	989 x 1544	335	2	250	60546	60939
800 x 800	1089 x 944	335	2	180	58453	58904
800 x 1000	1089 x 1144	335	2	200	59937	59554
1000 x 1000	1289 x 1144	335	2	240	58454	58711
1000 x 1500	1289 x 1644	335	2	320	58455	59305
1000 x 2000	1289 x 2144	335	3	420	58905	60940
1200 x 1200	1489 x 1344	335	2	310	59493	60941
1500 x 1500	1789 x 1644	335	2	430	58712	60942

Clear opening (A x B)	External dimensions (C x D)	Height	Number of locks	Weight	Stainless steel	
					Lock Type	
					Normal	Emergency exit
[mm]	[mm]	[mm]		[kg]	Item No.	Item No.
600 x 600	889 x 744	335	1	130	59938	60457
600 x 800	889 x 944	335	2	150	60456	60458
700 x 700	989 x 844	335	1	150	59870	60460
700 x 1400	989 x 1544	335	2	250	60459	60461
800 x 800	1089 x 944	335	2	180	58611	58713
800 x 1000	1089 x 1144	335	2	200	58612	60462
1000 x 1000	1289 x 1144	335	2	240	58456	59939
1000 x 1500	1289 x 1644	335	2	320	60463	60464
1000 x 2000	1289 x 2144	335	3	420	59155	60465
1200 x 1200	1489 x 1344	335	2	310	59940	60466
1500 x 1500	1789 x 1644	335	2	440	59519	59520

* Watertightness test procedure acc. to EN 1253-4: water flooding 10±1 mm for time period 15±1m – no leak of water to the bottom side of cover supervised by Authorized body 204





ACO Access Cover SERVOKAT GD FR (Fire Resistance)

Product Information

- The fire resistance classification E120, EI1 60, EI2 60 has been performed and assessed by the authorised laboratory PAVUS a.s. (authorised body AO 216) according to EN 1634-1 + A1, EN 1363-1, ČSN 73 0810)
- The fire resistance classification of ACO Servokat FR is declared by „Fire classification approval of fire resistance“
- Type tested and certified according to EN124:2015
- Meets declared load class B125 and D400
- Hot dip galvanized mild steel
- Watertightness tested (not certified) acc. to EN 1253-4*
- Opening and closing from above as well as for quick opening from underneath as emergency exit solution without using a tool

ACO Access Cover SERVOKAT GD FR B125



Clear opening (A x B)	External dimensions (C x D)	Frame height [mm]	Load class (EN 124)	Weight [kg]	E	EI	Galvanised steel	
							Lock Type	
							Normal Item No.	Emergency exit Item No.
600x800	744x944	130	B125	132.2	E120	EI60	448168	–
600x800	744x944	130	B125	138.3	E120	EI60	–	448171
800x800	944x944	130	B125	160.6	E120	EI60	448158	–
800x800	944x944	130	B125	166.7	E120	EI60	–	448162
800x1000	944x1144	130	B125	181.9	E120	EI60	448167	–
800x1000	944x1144	130	B125	188	E120	EI60	–	448173
1000x1000	1144x1144	130	B125	217.2	E120	EI60	448159	–
1000x1000	1144x1144	130	B125	223.3	E120	EI60	–	448169

* Watertightness test procedure acc. to EN 1253-4: water flooding 10±1 mm for time period 15±1m – no leak of water to the bottom side of cover supervised by Authorized body 204



ACO Access Cover SERVOKAT GD FR D400



Clear opening (A x B)	External dimensions (C x D)	Frame height [mm]	Load class (EN 124)	Weight [kg]	E	EI	Galvanised steel	
							Lock Type	
							Normal Item No.	Emergency exit Item No.
600x800	744x944	130	D400	141.8	E120	EI60	448190	–
600x800	744x944	130	D400	147.9	E120	EI60	–	448195
800x800	944x944	130	D400	172	E120	EI60	448179	–
800x800	944x944	130	D400	178.2	E120	EI60	–	448184
800x1000	944x1144	130	D400	196.7	E120	EI60	448192	–
800x1000	944x1144	130	D400	202.8	E120	EI60	–	448188
1000x1000	1144x1144	130	D400	235.9	E120	EI60	448180	–
1000x1000	1144x1144	130	D400	242	E120	EI60	–	448182





Supplementary components

Lifting and operating lifting key



Weight

Approx. 1.3 kg

Item No.

4143.00.00



Every ACO product
supports the ACO WaterCycle



-
- Floor drainage
 - Bathroom drainage
 - Parking deck drainage
 - Roof drainage
 - Balcony and terrace drainage
 - Pipe systems
 - Wall protection
 - Grease separators
 - Starch separators
 - Light oil separators
 - Process technology
 - Backflow systems
 - Lifting stations
 - Pumping stations
-

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