



Control Cabinets/Standing Cabinets Single and Serial Cabinets

FXE Single Cabinets IP66 up to IP69K
FXA Serial Cabinets IP55

Stainless Steel Cabinets with NEMA 4X Certificates

Design an precision

Setting standards

Stainless steel cabinets are convincing by their fully welded basic construction. This provides for stability and guarantees safety even at the highest loads. All standing cabinets are available as single and serial cabinets. Of course all control cabinets are also available up to protection class IP69K. In any dimension.

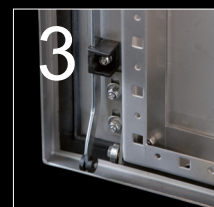
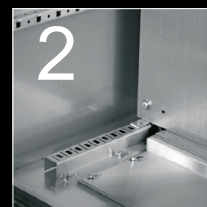
Guaranteed and certified

Quality is the standard for the stainless steel cabinets. The manufacturer is certified, owns numerous patents and satisfies the strictest requirements for quality and testing criteria for all applications in germany and abroad.



Stainless steel cabinets are perfectly designed in every detail. Rugged, hygienical and reliable in every application area.

- 1 The **180° stainless steel hinges** in the door contour are extremely resilient.
- 2 **2-part floor sheets** with foam seal and **depth adjustment for assembly plate** are included in the standard equipment as well.
- 3 Robust **doors with reinforcement frame** provide for safety and stability.



Technical Description Standing Cabinets FXE up to IP66 and NEMA 4x

Material:	Stainless steel 1.4301, AISI 304 Stainless steel 1.4404, AISI 316L (V4A) Stainless steel 1.4571, AISI 316Ti (V4A)
Material thickness:	The material thickness is chosen from 1.5mm to 2mm
Areas of use:	Our standing cabinets can be used in different areas: Inside and outside, offshore, railway, automotive
Temperature areas:	-20°C bis +90°C
Protection class:	IP66, NEMA 4X
Inspections/ certificates:	Protection class tests IP66, NEMA 4x certificate
Door/setup:	Fully welded, material thickness of 1.5mm to 2mm Robust doors with reinforcement frame and assembly rails, Door stop on the right, door stop on the left, double-doors, middle bridge fixed, Middle bridge removable and without middle bridge (IP54)
Body:	Fully welded, material thickness of 1.5mm to 2mm 2-part floor sheets with foam seal and depth adjustment for assembly plate in the standard equipment as well
Closing:	Key plate
Hinges:	Stainless steel hinges in the door contour, i.e. the door has an opening angle of 180°
Protection/safety:	Grounding set M6x16, DIN EN 60439-1:1994
Seal:	A seal of the corresponding materials for the desired area of application and protection class is selected: Neoprene seal 6x20mm, silicone seal 6x20mm (additional sealing materials can be produced on request)
Installations/ accessories:	Assembly plate steel sheet, zinc-plated 3mm
Surface:	Polished, grain size 240



Delivery Range Standing Cabinets FXE up to IP66 and NEMA 4X Standard Delivery Programme

Standing cabinets, extremely resilient, up to IP66

- Material:** Stainless steel 1.4301, AISI 304*
 Stainless steel 1.4404, AISI 316L, (V4A)*
 Stainless steel 1.4571, AISI 316Ti, (V4A)*
- Material thickness:** Body 1.5/2 mm, fully welded
- Surface:** Polished, grain size 240
- Protection class:** Single cabinets IP66, NEMA 4X
 Double-door with fixed middle bridge IP66, NEMA 4X
 Double-door with removable Middle bridge and sealing set IP66 and NEMA 4X
 Double-door without middle bridge IP54
- Hinges:** Stainless steel, 180° hinge
 Door stop right*, door stop left*, double-door*
- Closing:** Rod lock
- Seal:** Neoprene seal 6x20mm* or silicone seal 6x20mm*
- Dimensions:** See table. Other sizes available.
 *please indicate in your order



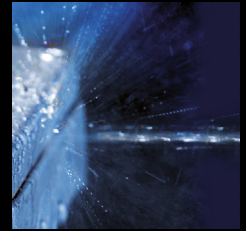
Designation	Size in (mm) Height	x	Width	x	Depth	Mat.thickness MP (mm)	Closure	Number Doors
FXE 16064	1600	x	600	x	400	3	STS	1
FXE 16084	1600	x	800	x	400	3	STS	1
FXE 18064	1800	x	600	x	400	3	STS	1
FXE 18065	1800	x	600	x	500	3	STS	1
FXE 18066	1800	x	600	x	600	3	STS	1
FXE 18084	1800	x	800	x	400	3	STS	1
FXE 18085	1800	x	800	x	500	3	STS	1
FXE 18086	1800	x	800	x	600	3	STS	1
FXE 18104	1800	x	1000	x	400	3	STS	1
FXE 18105	1800	x	1000	x	500	3	STS	1
FXE 18106	1800	x	1000	x	600	3	STS	1
FXE 18124	1800	x	1200	x	400	3	STS	2
FXE 18125	1800	x	1200	x	500	3	STS	2
FXE 18126	1800	x	1200	x	600	3	STS	2
FXE 20064	2000	x	600	x	400	3	STS	1
FXE 20065	2000	x	600	x	500	3	STS	1
FXE 20066	2000	x	600	x	600	3	STS	1
FXE 20084	2000	x	800	x	400	3	STS	1
FXE 20085	2000	x	800	x	500	3	STS	1
FXE 20086	2000	x	800	x	600	3	STS	1
FXE 20104	2000	x	1000	x	400	3	STS	1
FXE 20105	2000	x	1000	x	500	3	STS	1
FXE 20106	2000	x	1000	x	600	3	STS	1
FXE 20124	2000	x	1200	x	400	3	STS	2
FXE 20125	2000	x	1200	x	500	3	STS	2
FXE 20126	2000	x	1200	x	600	3	STS	2

STS= Bar lock

Technical Description Standing Cabinets FXE up to IP69K

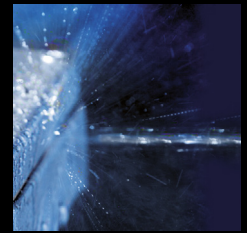
Standing cabinets, highly tight up to 100bar and more

Material:	Stainless steel 1.4301, AISI 304 Stainless steel 1.4404, AISI 316L (V4A) Stainless steel 1.4571, AISI 316Ti (V4A)
Material thickness:	The material thickness is chosen from 2mm
Areas of use:	Our standing cabinets can be used in different areas: Inside and outside, offshore, railway, automotive
Temperature areas:	-20°C bis +90°C
Protection class:	IP69K, both with gap 0 technology and the patented Convex canting
Inspections/ certificates:	Protection class tests IP69K
Door/setup:	Fully welded: Material thickness of 2mm Robust doors with reinforcement frame and assembly rails, Door stop on the right, door stop on the left, double-doors, middle bridge fixed
Body:	Fully welded, material thickness of 2mm, floor sheet continuous
Closing:	Sash lock closure of stainless steel, chrome-plated and zinc-die casting The corresponding sashes have a double bit of 3mm, a square, a triangle or a locking cylinder
Hinges:	Stainless steel hinges in the door contour, i.e. the door has an opening angle of 180°
Protection/safety:	Grounding set M6x16, DIN EN 60439-1:1994
Seal:	A seal of the corresponding materials for the desired area of application and protection class is selected: Neoprene seal 6x20 mm, silicone seal 6x20 mm (additional sealing material can be produced on request)
Installations/ accessories:	Assembly plate steel sheet, zinc-plated 3mm
Surface:	Polished, grain size 240



Delivery Range Standing Cabinets FXE up to IP69K

Standard Delivery Programme



Standing cabinets, very tight up to 100bar and more...

- Material:** Stainless steel 1.4301, AISI 304*
 Stainless steel 1.4404, AISI 316L, (V4A)*
 Stainless steel 1.4571, AISI 316Ti, (V4A)*
- Material thickness:** Body 2 mm, fully welded
- Surface:** Polished, grain size 240
- Protection class:** IP69K
- Hinges:** Stainless steel, 180°hinge
 Door stop right*, door stop left*, double-door*
- Closing:** Sash of zinc-die-casting with 3mm DDB
- Seal:** Neoprene seal 6x20mm* or silicone seal 6x20mm*
- Dimensions:** See table. Other sizes available.
 *please indicate in your order

Designation	Size in (mm) Height	x	Width	x	Depth	Mat.thickness MP(mm)	Number Sash	Number Doors
FXE 16064	1600	x	600	x	400	3	6	1
FXE 16084	1600	x	800	x	400	3	6	1
FXE 18064	1800	x	600	x	400	3	6	1
FXE 18065	1800	x	600	x	500	3	6	1
FXE 18066	1800	x	600	x	600	3	6	1
FXE 18084	1800	x	800	x	400	3	6	1
FXE 18085	1800	x	800	x	500	3	6	1
FXE 18086	1800	x	800	x	600	3	6	1
FXE 18104	1800	x	1000	x	400	3	6	1
FXE 18105	1800	x	1000	x	500	3	6	1
FXE 18106	1800	x	1000	x	600	3	6	1
FXE 18124	1800	x	1200	x	400	3	6	2
FXE 18125	1800	x	1200	x	500	3	6	2
FXE 18126	1800	x	1200	x	600	3	6	2
FXE 20064	2000	x	600	x	400	3	6	1
FXE 20065	2000	x	600	x	500	3	6	1
FXE 20066	2000	x	600	x	600	3	6	1
FXE 20084	2000	x	800	x	400	3	6	1
FXE 20085	2000	x	800	x	500	3	6	1
FXE 20086	2000	x	800	x	600	3	6	1
FXE 20104	2000	x	1000	x	400	3	6	1
FXE 20105	2000	x	1000	x	500	3	6	1
FXE 20106	2000	x	1000	x	600	3	6	1
FXE 20124	2000	x	1200	x	400	3	6	2
FXE 20125	2000	x	1200	x	500	3	6	2
FXE 20126	2000	x	1200	x	600	3	6	2

Technical Description Serial Cabinets FXA up to IP55

Standing cabinets, extremely resilient, up to IP55

Material:	Stainless steel 1.4301, AISI 304 Stainless steel 1.4404, AISI 316L (V4A) Stainless steel 1.4571, AISI 316Ti (V4A)
Material thickness:	The material thickness is chosen from 1.5mm to 2mm
Areas of use:	Our standing cabinets can be used in different areas: Inside and outside, offshore, railway, automotive
Temperature areas:	-20°C bis +90°C
Protection class:	IP55
Door/setup:	Fully welded, material thickness of 1.5mm to 2mm Robust doors with reinforcement frame and assembly rails, Door stop on the right, door stop on the left, double-doors, middle bridge fixed, Middle bridge removable (IP66) and without middle bridge (IP54)
Body:	Fully welded, material thickness of 1.5mm to 2mm 2-part floor sheets with foam seal and depth adjustment for assembly plate in the standard equipment as well
Closing:	Rod lock
Hinges:	Stainless steel hinges in the door contour, i.e. the door has an opening angle of 180°
Protection/safety:	Grounding set M6x16, DIN EN 60439-1:1994
Seal:	A seal of the corresponding materials for the desired area of application and protection class is selected: Neoprene seal 6x20mm, silicone seal 6x20mm (additional sealing materials can be produced on request)
Installations/ accessories:	Assembly plate steel sheet, zinc-plated 3mm
Surface:	Polished, grain size 240



Delivery Range Serial Cabinets FXA up to IP55

Standard Delivery Programme

Standing cabinets, extremely resilient, up to IP55

- Material:** Stainless steel 1.4301, AISI 304*
Stainless steel 1.4404, AISI 316L, (V4A)*
Stainless steel 1.4571, AISI 316Ti, (V4A)*
- Material thickness:** Body 2 mm, fully welded
- Surface:** Polished, grain size 240
- Protection class:** Single cabinets IP55
Double-door with fixed middle bridge IP55
Double-door with removable middle bridge and sealing set IP55
Double-door without middle bridge IP54
- Hinges:** Stainless steel, 180° hinge
Door stop right*, door stop left*, double-door*
- Closing:** Rod lock
- Seal:** Neoprene seal 6x20mm* or silicone seal 6x20mm*
- Dimensions:** See table. Other sizes available.
*please indicate in your order



Designation	Size in (mm) Height	x	Width	x	Depth	Mat.thickness MP (mm)	Closure	Number Doors
FXA 16064	1600	x	600	x	400	3	STS	1
FXA 16084	1600	x	800	x	400	3	STS	1
FXA 18064	1800	x	600	x	400	3	STS	1
FXA 18065	1800	x	600	x	500	3	STS	1
FXA 18066	1800	x	600	x	600	3	STS	1
FXA 18084	1800	x	800	x	400	3	STS	1
FXA 18085	1800	x	800	x	500	3	STS	1
FXA 18086	1800	x	800	x	600	3	STS	1
FXA 18104	1800	x	1000	x	400	3	STS	1
FXA 18105	1800	x	1000	x	500	3	STS	1
FXA 18106	1800	x	1000	x	600	3	STS	1
FXA 18124	1800	x	1200	x	400	3	STS	2
FXA 18125	1800	x	1200	x	500	3	STS	2
FXA 18126	1800	x	1200	x	600	3	STS	2
FXA 20064	2000	x	600	x	400	3	STS	1
FXA 20065	2000	x	600	x	500	3	STS	1
FXA 20066	2000	x	600	x	600	3	STS	1
FXA 20084	2000	x	800	x	400	3	STS	1
FXA 20085	2000	x	800	x	500	3	STS	1
FXA 20086	2000	x	800	x	600	3	STS	1
FXA 20104	2000	x	1000	x	400	3	STS	1
FXA 20105	2000	x	1000	x	500	3	STS	1
FXA 20106	2000	x	1000	x	600	3	STS	1
FXA 20124	2000	x	1200	x	400	3	STS	2
FXA 20125	2000	x	1200	x	500	3	STS	2
FXA 20126	2000	x	1200	x	600	3	STS	2

STS= Bar lock