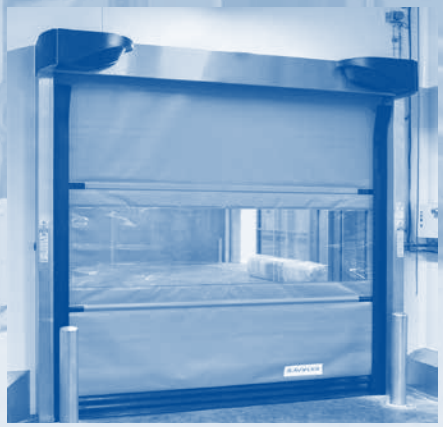
Roller doors and high-speed folding doors

NEW: The space-saving high-speed roller door V 3010 for areas without draughts

Fitting data
Issue 01.03.2021

HÖRMANN



Hörmann roller doors and high-speed folding doors

A broad programme for inside and outside

From low-cost design models to secure night doors

Hörmann roller doors and high-speed folding doors are distinguished by high-quality materials and secure long-term functionality. Roller doors and high-speed folding doors are used indoors and outdoors. Roller doors and high-speed folding doors optimise the flow of traffic, improve the room climate and save energy.

Hörmann roller doors and high-speed folding doors comply with strict European safety requirements.

cetim CE

Contents

All dimensions in mm
Subject to design changes

High-speed roller door V 3010

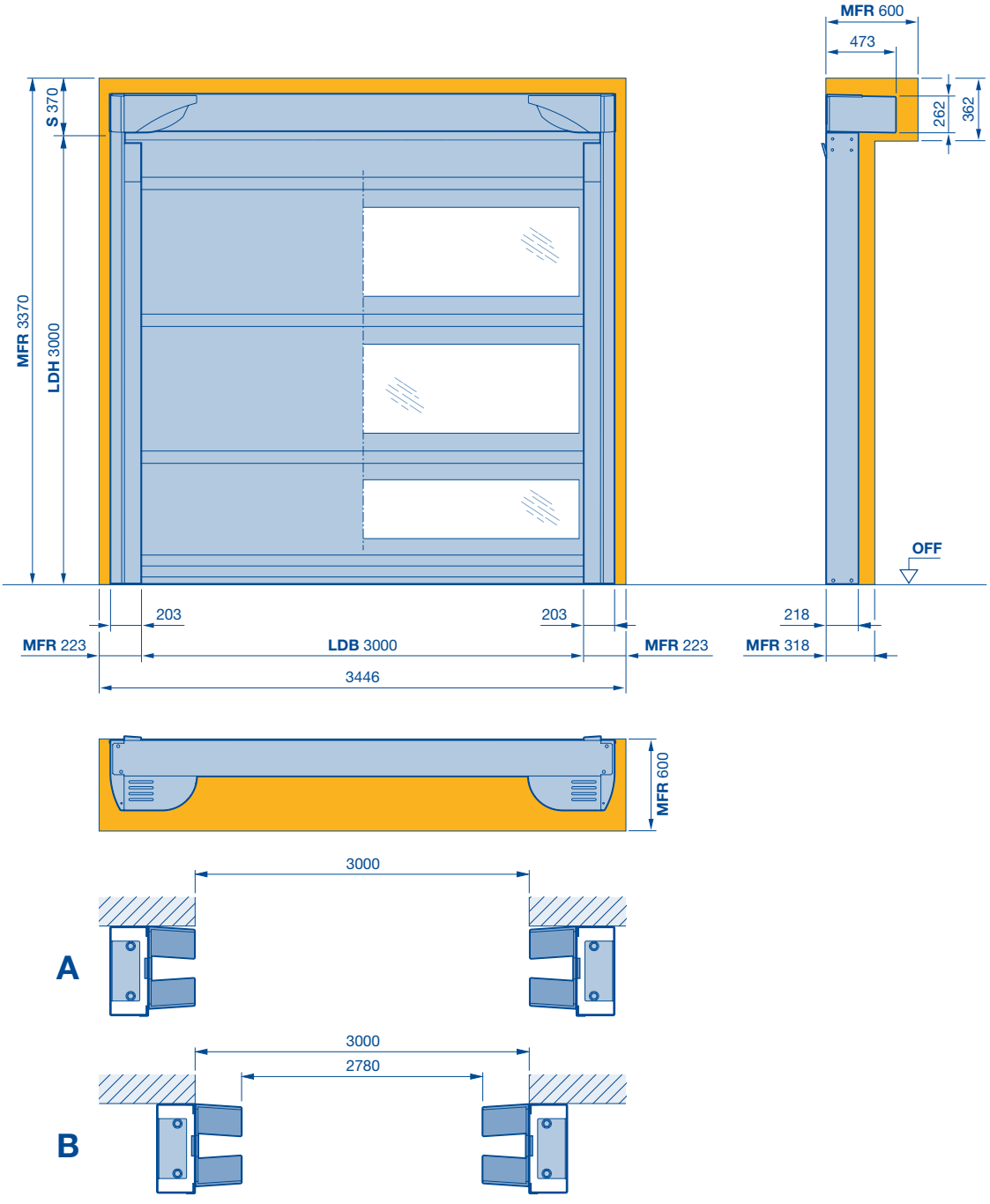
Technical data

			V 3010
Use	Internal door		●
	External door		—
Door sizes	Maximum width LDB		3000
	Maximum height LDH		3000
	Minimum width (structural opening)		800
	Minimum height (structural opening)		1750
Speed	Control contactor, 400 V, 3-phase	Max. opening approx. m/s	1,0
		Max. closing approx. m/s	1,0
Security equipment	EN 13241		●
Wind load resistance	EN 12424	Door width ≤ 4000 mm	—
		Door width > 4000 mm and ≤ 6000 mm	—
		Door width > 6000 mm and ≤ 7000 mm	—
		Door width > 6000 mm and ≤ 8000 mm	—
		Door width > 8000 mm and ≤ 10000 mm	—
Thermal insulation	EN 13241-1, ISO 12567-1	Door size 4000 × 4000 mm, without glazing, with Thermoframe	—
Thermal insulation value in W/(m²·K)	EN 13241-1, ISO 12567-1		—
Resistance to water penetration	EN 12425		—
Air permeability	EN 12426		—
Acoustic insulation	EN ISO 717-1, EN ISO 10140-1, EN ISO 10140-2		—
Door construction	Self-supporting		●
Material	Galvanized		●
	Powder-coated		O
	Stainless steel V2 A		O
Door leaf	UPVC curtain	1,0 mm	●
	Steel pipe		—
	Fibreglass pipe		●
	Flexible side guide		—
	Side guide made of polyethylene		●
Glazing	Elongated windows		—
	Rectangular windows		O
Safety equipment	Soft bottom edge		—
	Photocell SAFETIME double safety patent system		●
Operator and control	Inversion relay control / frequency converter control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	O
		3-phase, 3 – 400 V, N, PE	●
	Open-Stop-Close button		●
	AK E 370 M-I (inversion relay)		●
	AK E 370 M (inversion relay)		O
	BK 370 M FUE-1 (frequency converter)		O
Emergency opening	Emergency crank handle		●
	Emergency hand chain		—
	UPS in a plastic cabinet (220 V, 1-phase)		O
Suitable for temperatures from °C to °C			+5 °C to +40 °C

● = Standard O = Optional

High-speed roller door V 3010

The high-speed roller door for areas without draughts



A Side guide in front of the opening
B Side guide in the opening
BPA Space required to fit and dismantle the operator
LDB Clear passage width
LDH Clear passage height
MFR Space for fitting the door
S Lintel height

High-speed folding doors

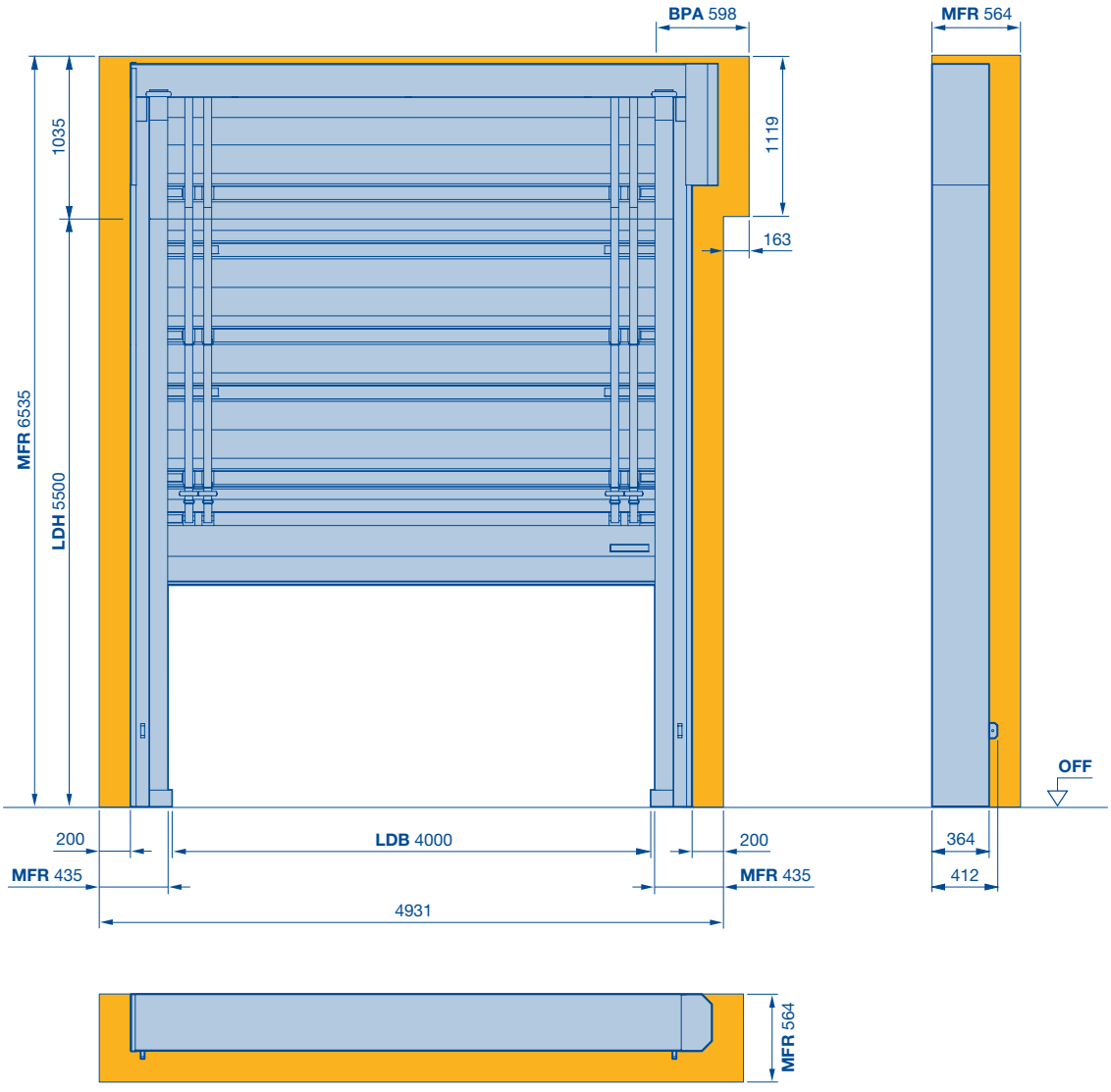
Technical data

			F 4010 Cold
Use	Internal door		●
	External door		—
Door sizes	Maximum width LDB		4000
	Maximum height LDH		5500
	Minimum width (structural opening)		1750
	Minimum height (structural opening)		1750
Speed	Inversion relay, 400 V, 3-phase	Opening approx. m / s	1,0
		Closing approx. m / s	1,0
Security equipment	EN 13241		●
Wind load resistance	EN 12424	Door width ≤ 4000 mm	—
		Door width > 4000 mm and ≤ 6000 mm	—
		Door width > 6000 mm and ≤ 7000 mm	—
		Door width > 6000 mm and ≤ 8000 mm	—
		Door width > 8000 mm and ≤ 10000 mm	—
Thermal insulation	EN 13241-1, ISO 12567-1	Door size 4000 × 5500 mm, without glazing, with Thermoframe	●
Thermal insulation value in W/(m²·K)	EN 13241-1, ISO 12567-1		2,6
Resistance to water penetration	EN 12425		—
Air permeability	EN 12426		—
Acoustic insulation	EN ISO 717-1, EN ISO 10140-1, EN ISO 10140-2		—
Door construction	Self-supporting		●
Material	Galvanized		—
	Powder-coated		●
	Stainless steel V2 A		O
Door leaf	UPVC curtain	1,0 mm	●
	Spring steel pipe		—
	Fibreglass pipe		●
	Tension and safety belts		●
	Flexible guides		●
	Flexible guides in the side elements		—
	Side guide made of polyethylene		—
	Multi-layer ISO material	3.0 mm	●
Glazing	Oval and rectangular windows		—
	Without window		—
Safety equipment	Light grille		—
	Soft bottom edge		—
	Photocells		●
Operator and control	Frequency converter control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 400 V, N, PE	O
	Inversion relay control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 400 V, N, PE	●
	Open-Stop-Close button		●
	AK E (inversion relay)		●
	AK 500 FUE-1 (frequency converter)		O
	AK E 2500 M-I (inversion relay)		—
	AK E-700 M (inversion relay)		—
	AK E-750 M (inversion relay)		O
	Electronic limit switch DES		●
Emergency opening	Emergency crank handle		—
	Emergency hand chain		●
	UPS in a plastic cabinet (220 V, 1-phase)		—
Suitable for temperatures from °C to °C			+15 °C to –30 °C

● = Standard O = Optional

High-speed folding door F 4010 Cold

The insulated deep freeze door



BPA Space required to fit and dismantle the operator

LDB Clear passage width

LDH Clear passage height

MFR Space for fitting the door

High-speed folding doors

Technical data

			F 6010 / F 6010 ISO
Use	Internal door		●
	External door		●
Door sizes	Maximum width LDB		6000
	Maximum height LDH		6000
	Minimum width (structural opening)		2250
	Minimum height (structural opening)		2250
Speed	Inversion relay, 400 V, 3-phase	Opening approx. m / s	1,0
		Closing approx. m / s	1,0
Security equipment	EN 13241		●
Wind load resistance	EN 12424	Door width ≤ 4000 mm	3 **1)**
		Door width > 4000 mm and ≤ 6000 mm	3 **1)**
		Door width > 6000 mm and ≤ 7000 mm	—
		Door width > 6000 mm and ≤ 8000 mm	—
		Door width > 8000 mm and ≤ 10000 mm	—
Thermal insulation	EN 13241-1, ISO 12567-1	Door size 4000 × 4000 mm, without glazing, with Thermoframe	—
Thermal insulation value in W/(m²·K)	EN 13241-1, ISO 12567-1	F6010	5,0
		F6010 ISO	2,7
Resistance to water penetration	EN 12425		—
Air permeability	EN 12426		—
Acoustic insulation	EN ISO 717-1, EN ISO 10140-1, EN ISO 10140-2		—
Door construction	Self-supporting		●
Material	Galvanized		—
	Powder-coated		●
	Stainless steel V2 A		O
Door leaf	UPVC curtain	1,0 mm	●
	Galvanized steel pipe		●
	Tension and safety belts		●
	Flexible guides		●
	Flexible guides in the side elements		—
	Side guide made of polyethylene		—
	Multi-layer ISO material	F6010	—
		F6010 ISO	3.0 mm
Glazing	Oval and rectangular windows		O
	Without window		●
Safety equipment	Light grille		●
	Soft bottom edge		O
	Photocells		O
Operator and control	Frequency converter control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 400 V, N, PE	O
	Inversion relay control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 400 V, N, PE	●
	Open-Stop-Close button		●
	AK E (inversion relay)		●
	AK 500 FUE-1 (frequency converter)		O
	AK E 2500 M-I (inversion relay)		O
	AK E-700 M (inversion relay)		—
	AK E-750 M (inversion relay)		—
	Electronic limit switch DES		●
Emergency opening	Emergency crank handle		●
	Emergency hand chain		O
	UPS in a plastic cabinet (220 V, 1-phase)		O
Suitable for temperatures from °C to °C			–5 °C to +40 °C **2)**

● = Standard O = Optional

1) Optionally up to class 4

2) F 6010 ISO optionally from –30 °C up to +40 °C

Attention!
F 6010 ISO is not a cold door. The frames are not heated.

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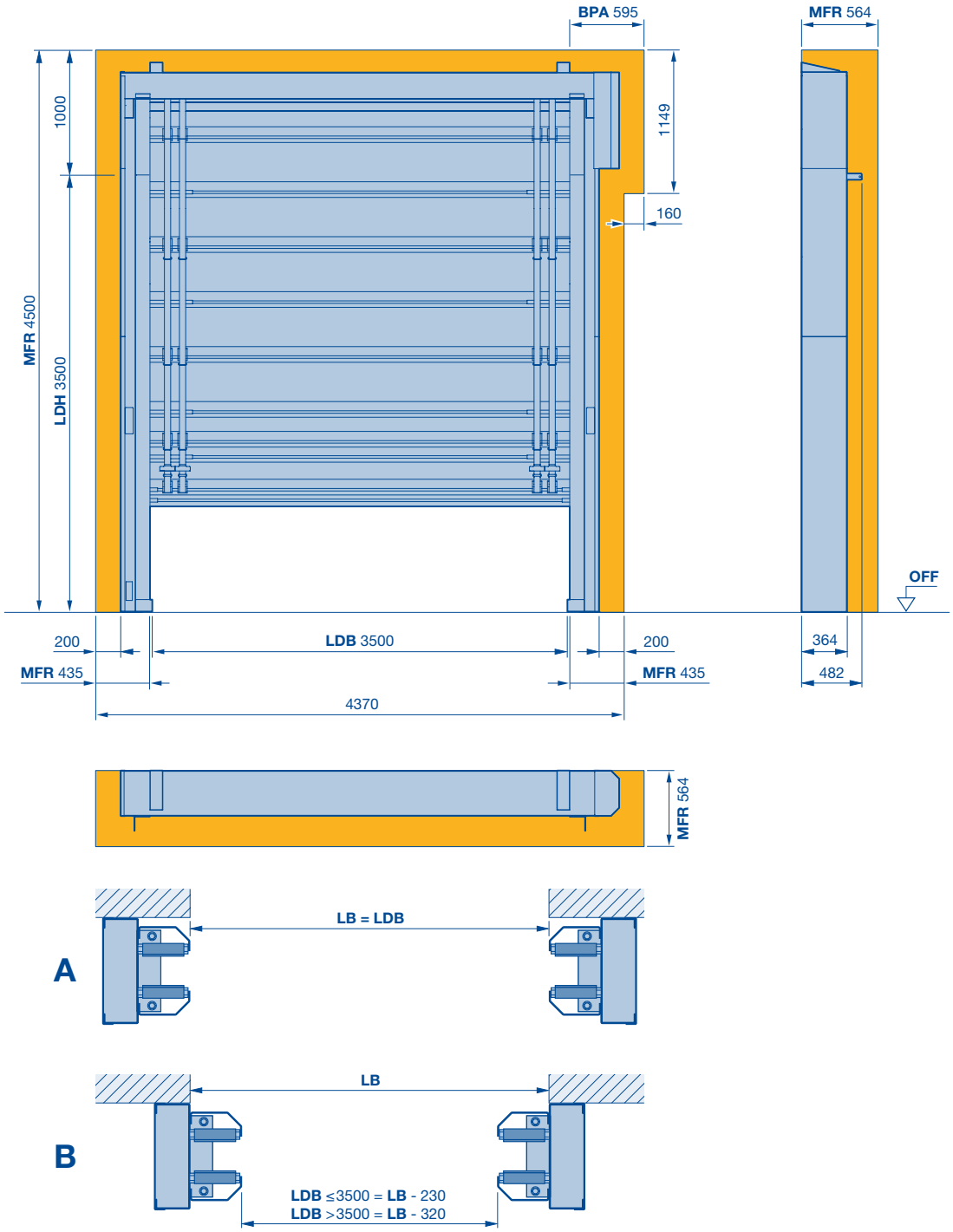
High-speed folding door F 6010 / F 6010 Iso

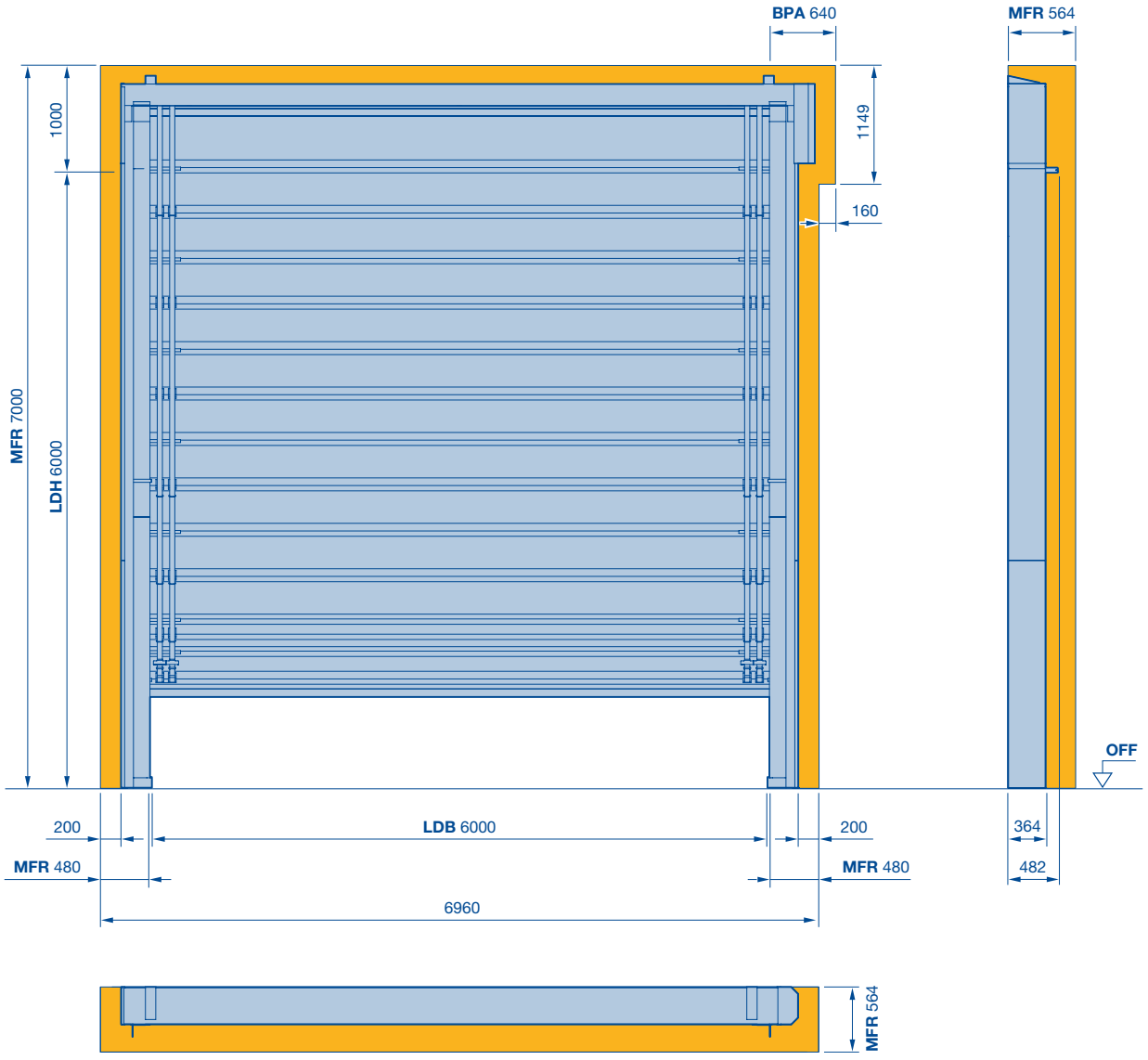
For fast door opening up to wind load class 4



A	Side guide in front of the opening	**LB**	Clear width
B	Side guide in the opening	**LDB**	Clear passage width
BPA	Space required to fit and dismantle the operator	**LDH**	Clear passage height
		MFR	Space for fitting the door side element

High-speed folding door F 6010 / F 6010 Iso

For fast door opening up to wind load class 4



BPA Space required to fit and dismantle the operator

LDB Clear passage width

LDH Clear passage height

MFR Space for fitting the door

Notes

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High-speed folding doors

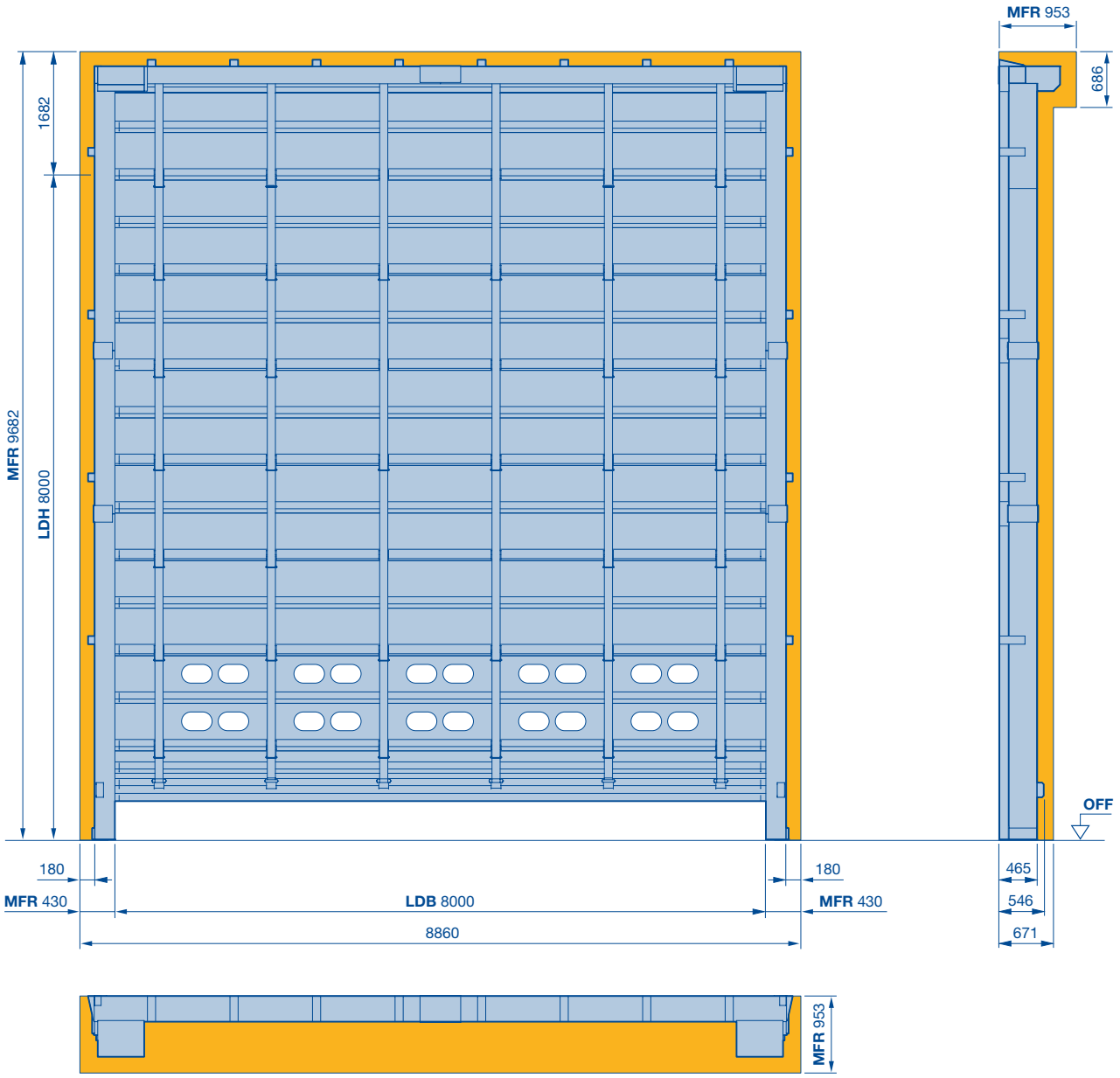
Technical data

			F 8005
Use	Internal door		●
	External door		●
Door sizes	Maximum width LDB		8000
	Maximum height LDH		10000
	Minimum width (structural opening)		3000
	Minimum height (structural opening)		3000
Speed	Control contactor, 400 V, 3-phase	Opening approx. m / s	0,5
		Closing approx. m / s	0,5
Security equipment	EN 13241		●
Wind load resistance	EN 12424	Door width ≤ 4000 mm	4
		Door width > 4000 mm and ≤ 6000 mm	4
		Door width > 6000 mm and ≤ 7000 mm	3
		Door width > 6000 mm and ≤ 8000 mm	2
		Door width > 8000 mm and ≤ 10000 mm	—
		Door width > 10000 mm and ≤ 12000 mm	—
		Door width > 12000 mm and ≤ 14000 mm	—
Thermal insulation	EN 13241-1, ISO 12567-1	Door size 4000 × 4000 mm, without glazing, with Thermoframe	—
Thermal insulation value in W/(m²·K)	EN 13241-1, ISO 12567-1		—
Resistance to water penetration	EN 12425		—
Air permeability	EN 12426		—
Acoustic insulation	EN ISO 717-1, EN ISO 10140-1, EN ISO 10140-2		—
Door construction	Self-supporting		—
Material	Galvanized		—
	Powder-coated		●
	Stainless steel V2 A		O
Door leaf	UPVC curtain	1,0 mm	●
	Galvanized steel pipe		●
	Fibreglass pipe		—
	Tension and safety belts		●
	Flexible guides		—
	Flexible guides in the side elements		●
	Side guide made of polyethylene		—
	Multi-layer ISO material	3.0 mm	—
Glazing	Oval windows		O
	Without window		●
Safety equipment	Light grille		—
	Soft bottom edge		—
	Photocells		●
Operator and control	Frequency converter control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 400 V, N, PE	—
	Inversion relay control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 230 V, N, PE	●
		3-phase, 3 – 400 V, N, PE	●
	Open-Stop-Close button		●
	AK E (inversion relay)		—
	AK 500 FUE-1 (frequency converter)		—
	AK E 2500 M-I (inversion relay)		—
	AK E-700 M (inversion relay)		●
	AK E-750 M (inversion relay)		—
	Electronic limit switch DES		—
Emergency opening	Emergency crank handle		—
	Emergency hand chain		—
	UPS in a plastic cabinet (220 V, 1-phase)		—
Suitable for temperatures from °C to °C			-5 °C to +40 °C

● = Standard O = Optional

High-speed folding door F 8005

For large exterior door openings up to 8 m wide



LDB Clear passage width
LDH Clear passage height
MFR Space for fitting the door side element

High-speed folding doors

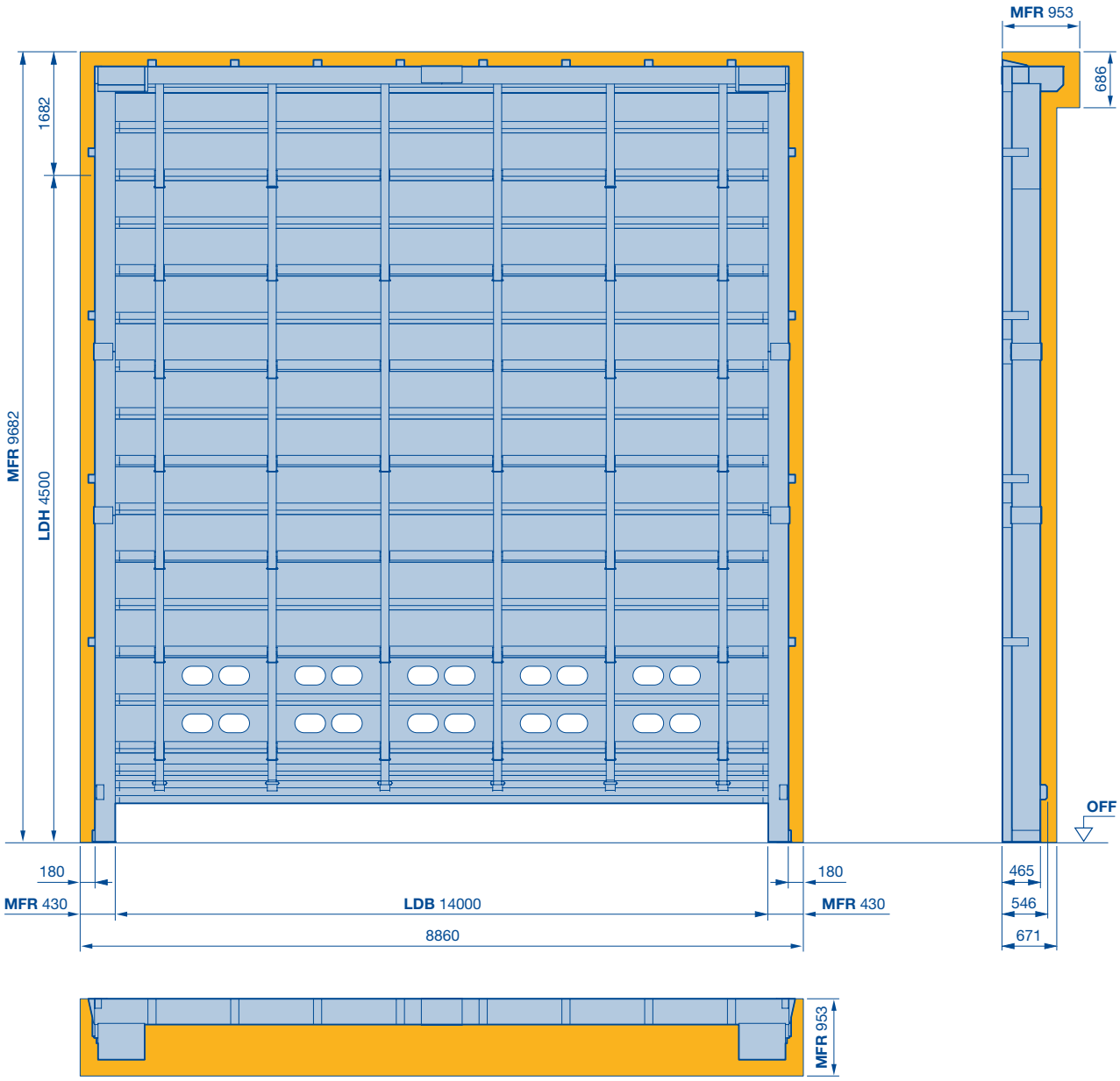
Technical data

			F 14005
Use	Internal door		●
	External door		●
Door sizes	Maximum width LDB		14000
	Maximum height LDH		8000
	Minimum width (structural opening)		4000
	Minimum height (structural opening)		3000
Speed	Control contactor, 400 V, 3-phase	Opening approx. m / s	0,5
		Closing approx. m / s	0,5
Security equipment	EN 13241		●
Wind load resistance	EN 12424	Door width ≤ 4000 mm	4
		Door width > 4000 mm and ≤ 6000 mm	4
		Door width > 6000 mm and ≤ 7000 mm	4
		Door width > 6000 mm and ≤ 8000 mm	4
		Door width > 8000 mm and ≤ 10000 mm	4
		Door width > 10000 mm and ≤ 12000 mm	3
		Door width > 12000 mm and ≤ 14000 mm	2
Thermal insulation	EN 13241-1, ISO 12567-1	Door size 4000 × 4000 mm, without glazing, with Thermoframe	—
Thermal insulation value in W/(m²·K)	EN 13241-1, ISO 12567-1		—
Resistance to water penetration	EN 12425		—
Air permeability	EN 12426		—
Acoustic insulation	EN ISO 717-1, EN ISO 10140-1, EN ISO 10140-2		—
Door construction	Self-supporting		—
Material	Galvanized		—
	Powder-coated		●
	Stainless steel V2 A		O
Door leaf	UPVC curtain	1,0 mm	●
	Galvanized steel pipe		—
	Fibreglass pipe		●
	Tension and safety belts		●
	Flexible guides		—
	Flexible guides in the side elements		—
	Side guide made of polyethylene		—
	Multi-layer ISO material	3.0 mm	—
Glazing	Oval windows		O
	Without window		●
Safety equipment	Light grille		—
	Soft bottom edge		●
	Photocells		●
Operator and control	Frequency converter control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 400 V, N, PE	—
	Inversion relay control		
	Connecting voltage	1-phase, 1 – 230 V, N, PE	—
		3-phase, 3 – 230 V, N, PE	●
		3-phase, 3 – 400 V, N, PE	●
	Open-Stop-Close button		●
	AK E (inversion relay)		—
	AK 500 FUE-1 (frequency converter)		—
	AK E 2500 M-I (inversion relay)		—
	AK E-700 M (inversion relay)		●
	AK E-750 M (inversion relay)		—
	Electronic limit switch DES		—
Emergency opening	Emergency crank handle		—
	Emergency hand chain		—
	UPS in a plastic cabinet (220 V, 1-phase)		—
Suitable for temperatures from °C to °C			-5 °C to +40 °C

● = Standard O = Optional

High-speed folding door F 14005

For large exterior door openings up to 14 m wide



Max. 70 m²

LDB Clear passage width

LDH Clear passage height

MFR Space for fitting the door side element

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GARAGE DOORS

OPERATORS

INDUSTRIAL DOORS

LOADING EQUIPMENT

HINGED DOORS

DOOR FRAMES

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