



DOORHAN®

HIGH SPEED DOORS



- DoorHan group of companies is a leading international door and gates manufacturing company which produces over a million units of doors and loading dock equipment a year. DoorHan group of companies include: 13 plants, 23 production and warehouse facilities, 14 sales offices.
- Our plants produce the whole range of components and parts for our equipment. Every plant includes manufacturing and assembly workshops, warehouse facilities, showroom and training centre. Each plant is the main distribution center for it's region.





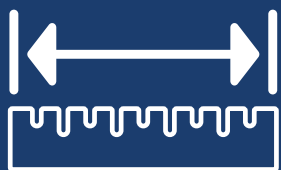
TABLE OF CONTENTS

SPEEDROLL SDI	4
SPEEDROLL SDO	6
SPEEDROLL SDF	8
SPEEDROLL SDC	10
SPEEDFOLD SDF	12
SPIRAL DOOR HSSD	14
DESIGN	16
FEATURES	20
SPECIFICATIONS	24
MOUNTING CLEARANCES	27

DOORHAN®

SPEEDROLL SDI

LONG-TERM SERVICE LIFE



WIDTH:
2 000–6 000 MM

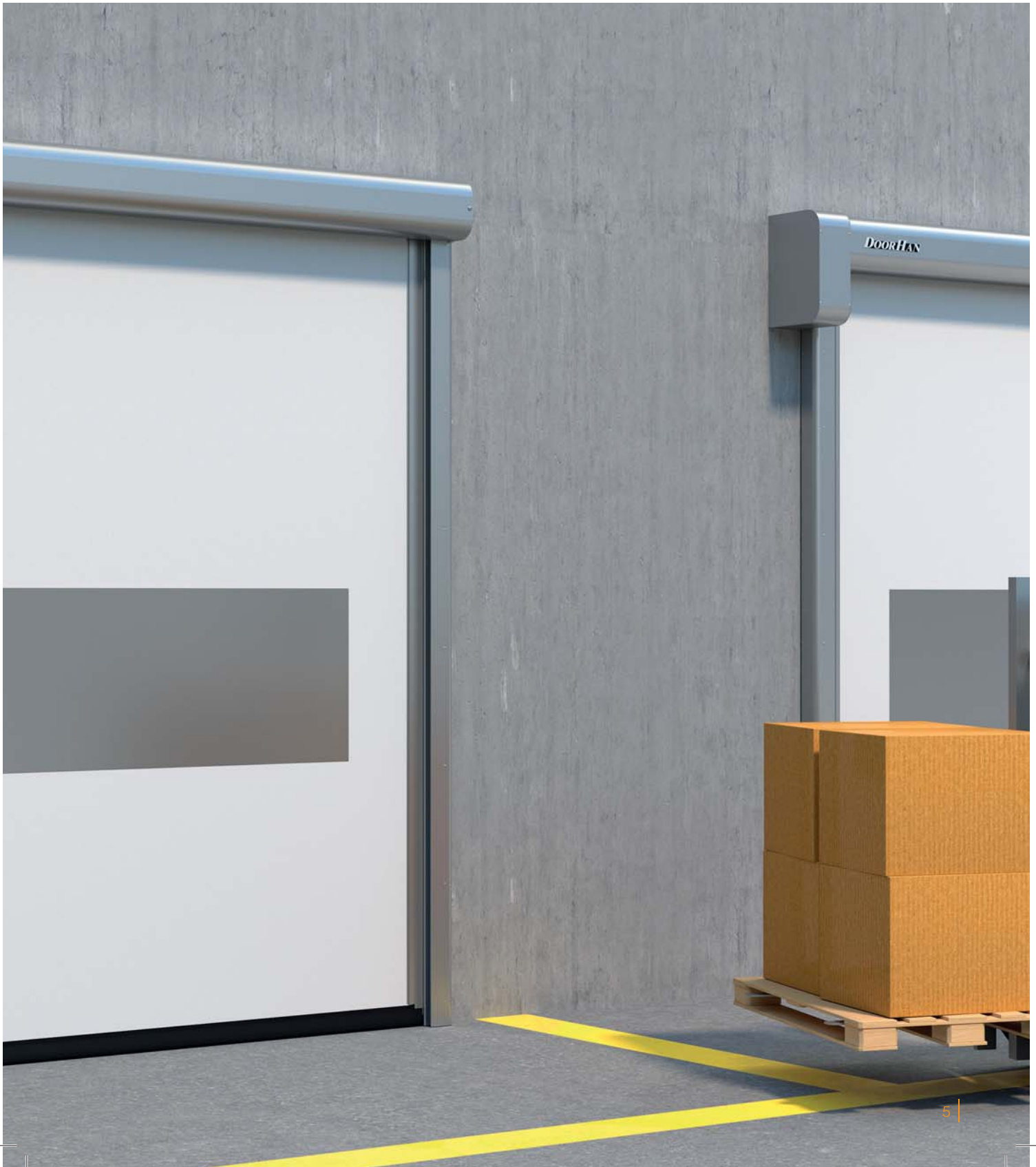


HEIGHT:
1 800–5 800 MM



➤ Application: universal — indoor openings in industrial, storage, and commercial facilities.

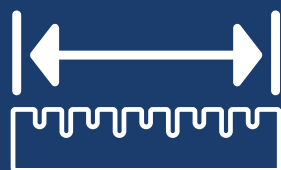
➤ Design: door structure is made of galvanized steel;
drive shaft — galvanized steel $D = 90/130$ mm;
track guides — extruded polyethylene;
curtain — polyester material covered with PVC, 900 g/m^2 density;
vision panels — 1 mm thick transparent PVC (optional).



DOORHAN®

SPEEDROLL SDO

UNIVERSAL APPLICATION



WIDTH:
2 000–6 000 MM



HEIGHT:
1 800–5 800 MM



➤ Application: universal — for outdoor openings in industrial, storage, and commercial facilities.

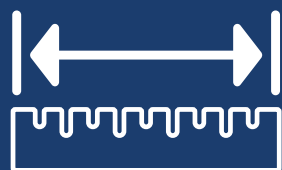
➤ Design: door structure is made of galvanized steel;
drive shaft — galvanized steel $D = 90/130$ mm;
track guides — extruded polyethylene;
curtain — polyester material covered with PVC, 900 g/m^2 density;
vision panels — 1 mm thick transparent PVC (optional).



DOORHAN®

SPEEDROLL SDF

STAINLESS STEEL HARDWARE



WIDTH:
2 000–4 000 MM



HEIGHT:
1 800–4 000 MM



➤ Application: food industry.

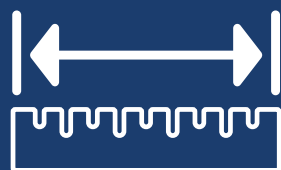
➤ Design: door structure is made of stainless steel AISI 304;
drive shaft — stainless steel AISI 304, D = 90/130 mm;
track guides — extruded polyethylene;
curtain — polyester material covered with PVC, 900 g/m² density;
vision panels — 1 mm thick transparent PVC (optional).



DOORHAN®

SPEEDROLL SDC

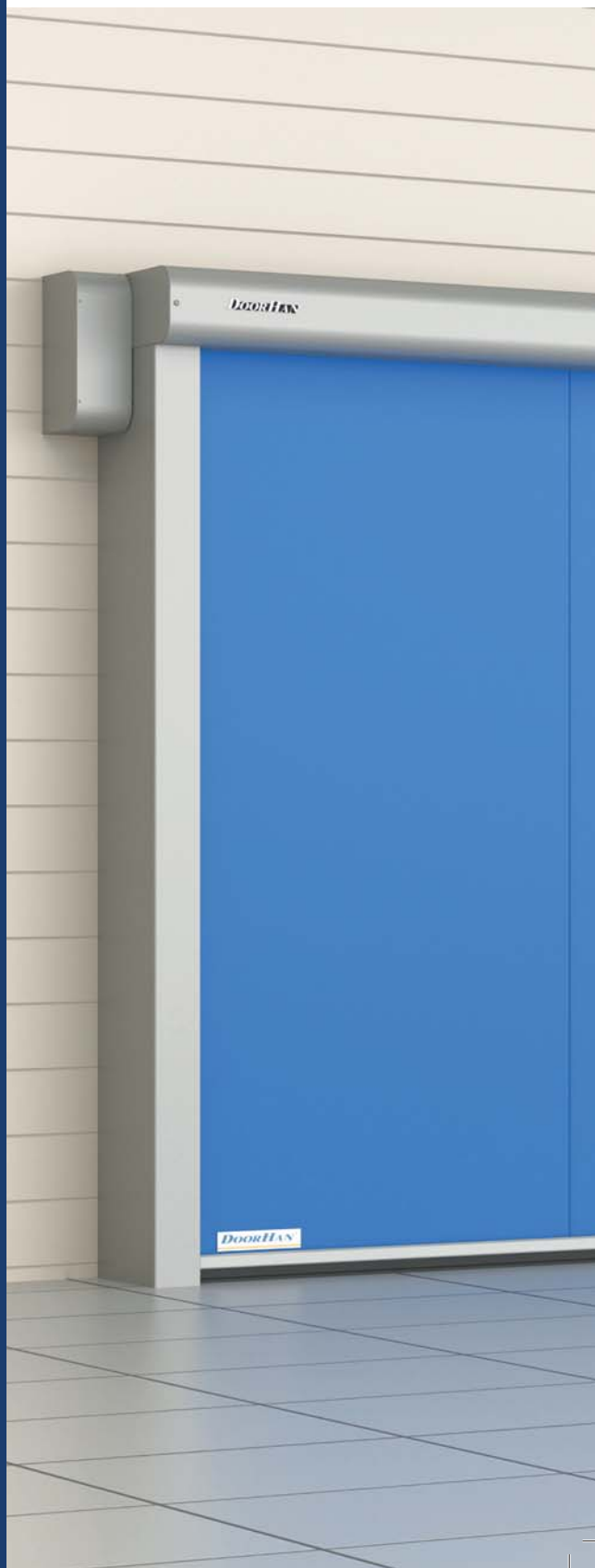
NON-FREEZABLE



WIDTH:
2 000–3 500 MM



HEIGHT:
1 800–4 000 MM



➤ Application: cold storage.

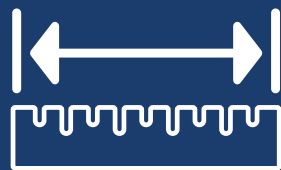
➤ Design: double curtain door with hot air between;
door structure is made of galvanized steel;
drive shaft — galvanized steel D = 90/130 mm;
track guides — extruded polyethylene;
curtain — polyester material covered with PVC, 900 g/m² density.



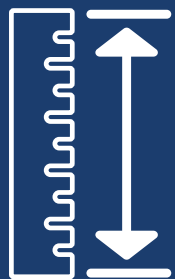
DOORHAN®

SPEEDFOLD SDF

PROVEN QUALITY



WIDTH:
2 000–12 000 MM



HEIGHT:
2 000–7 000 MM



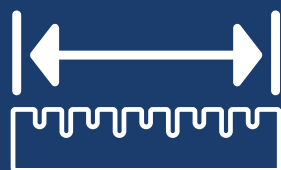
- Application: indoor/outdoor openings in industrial, storage, and commercial facilities. For openings with higher wind load.
- Design: jambs, covers, tubes are made of galvanized steel; curtain — polyester material covered with PVC, 900 g/m² density; vision panels — 1 mm thick transparent PVC (optional); the door opening is provided by belts system.



DOORHAN®

SPIRAL DOOR HSSD

HIGH SPEED OF OPERATION



WIDTH:
2 000–6 000 MM



HEIGHT:
1 800–6 000 MM



- Application: indoor/outdoor openings in industrial, storage, and commercial facilities; for openings with higher wind load.
- Design: door structure is made of galvanized steel; door curtain consists of aluminium sandwich panels 40 mm; track guides — aluminium.



DESIGN

Standard colours of high speed door PVC curtain





RAL 9010 white

RAL 6026 green

RAL 5002 blue

RAL 3002 red

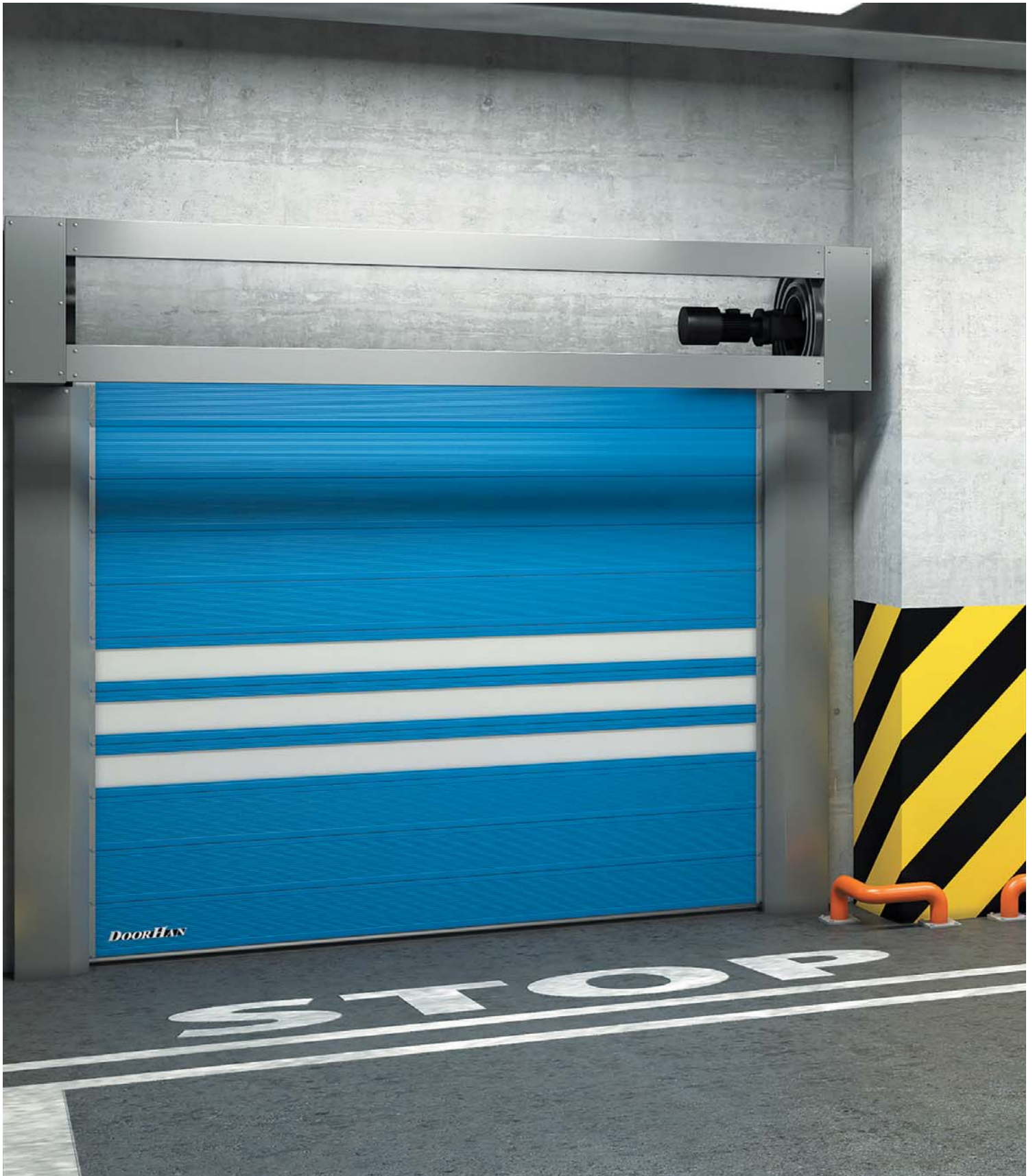
RAL 1003 yellow

RAL 9006 silver

RAL 2004 orange

DESIGN

Standard colours of high speed spiral door





RAL 9003 white

RAL 5005 blue

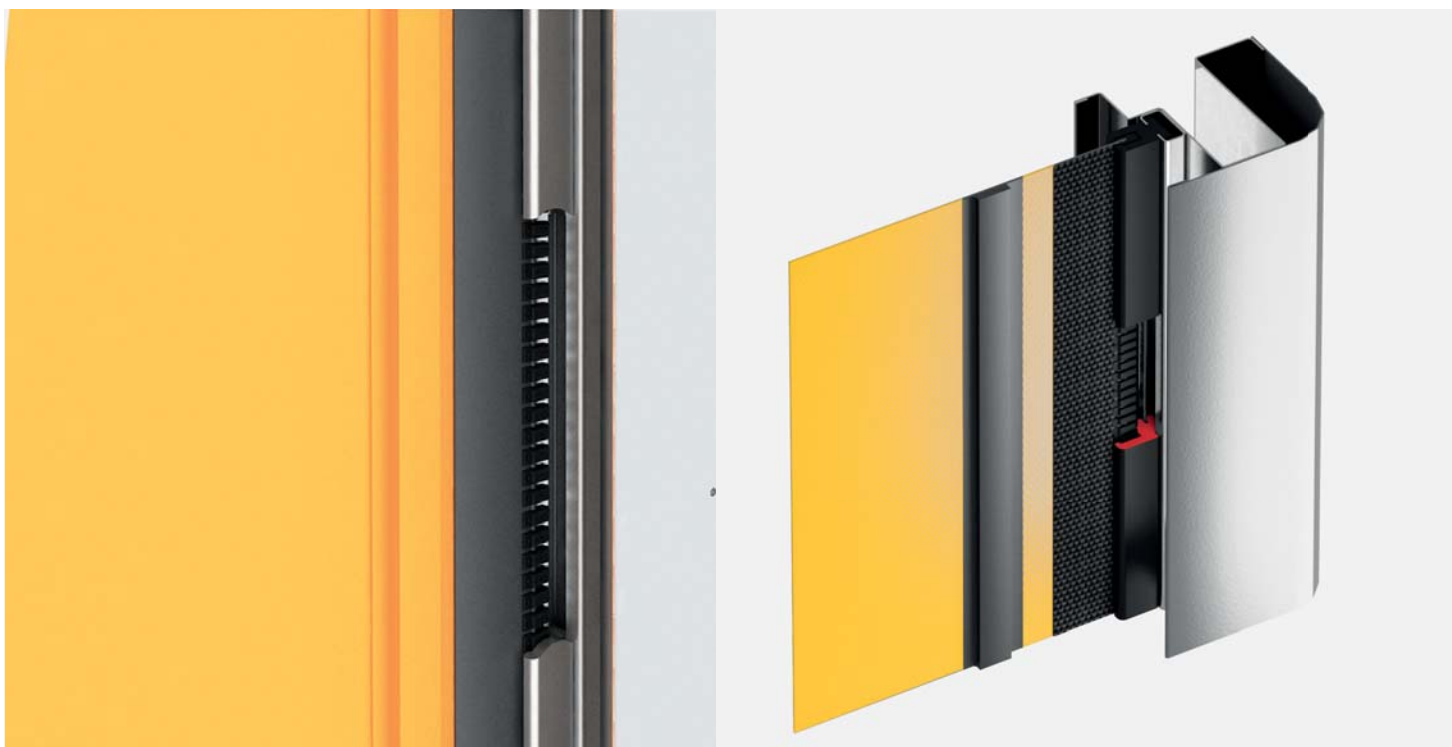
RAL 9006 gray


RAL 1036 gold

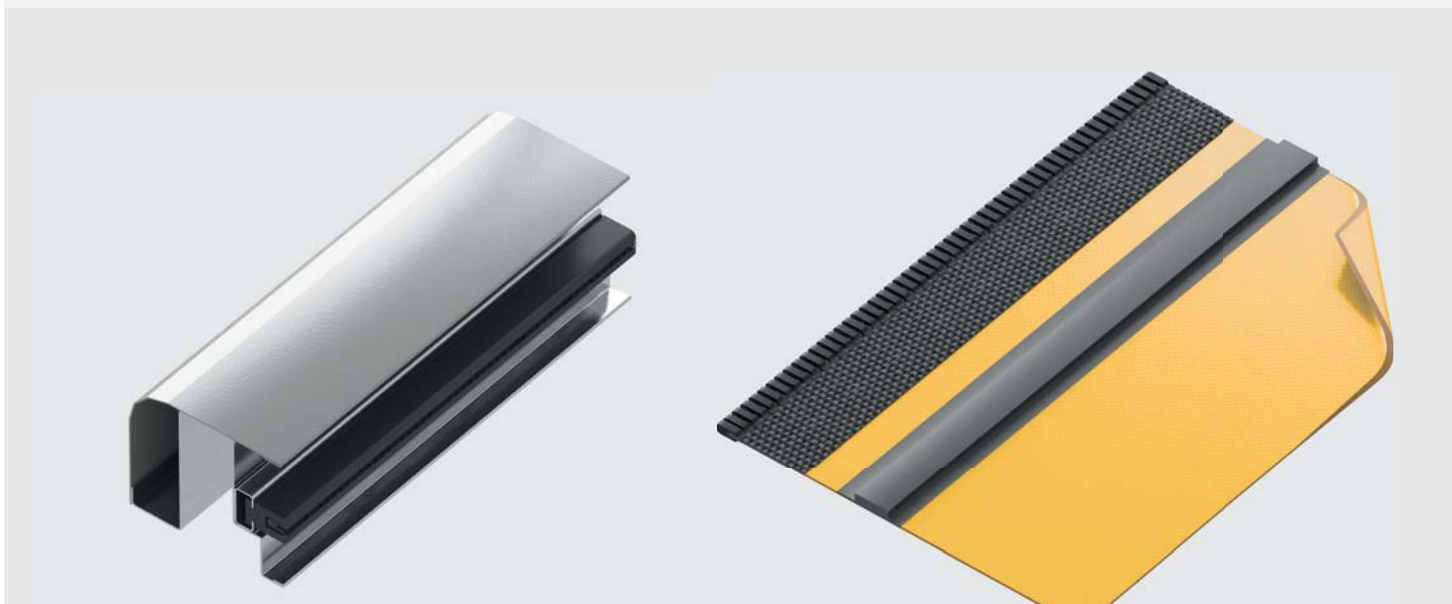
FEATURES


High-speed roll-up door






 Door curtain is made without any rigid pieces, making them safe for use by equipment and staff. DoorHan high-speed doors are self-repairing, meaning that if the door curtain comes off of the track (for example, in the event of impact with a forklift) the system will guide the curtain back into the tracks on the next cycle.



 Door frame is made of galvanized steel and can be optionally manufactured of stainless steel and painted into any color by RAL. Modular design makes it easy to change door components.

 Door curtain is made of polyester material covered with PVC (900–1 200 g/m²) with transparent panels (optional) to provide visibility of approaching traffic.

FEATURES | Spiral door HSSD



📖 PVC roller ensures movement in the guide

📖 Bottom rubber seal

📖 Spiral technology

📖 Aluminium guides



Sandwich panel

Is made of aluminium thickness 0.7 mm with PU foam inside.
Dimensions : 185 × 40 mm.



Window

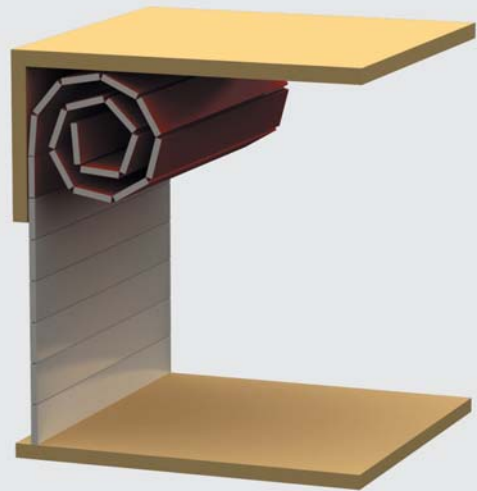


Window

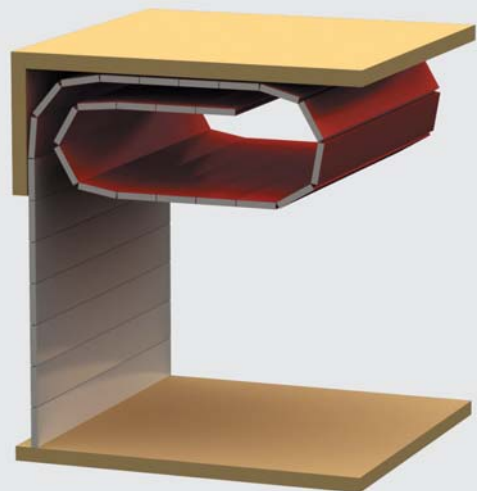
SPIRAL OPTIONS HORIZONTAL SPIRAL



SPIRAL OPTIONS ROUND SPIRAL



SPIRAL OPTIONS OVAL SPIRAL



SPECIFICATIONS

SPEEDROLL SDI



Maximum Size, W × H	6000 × 5800 mm
Wind Load**	EN12424 for doors W × H 3000 × 3000 mm — Class 3; W × H 5000 × 5000 mm — Class 2; W × H 5800 × 6000 mm — Class 1
Opening Speed	up to 3000 × 3000 mm — 2.0 m/s; up to 5000 × 5000 mm — 1.5 m/s; up to 5800 × 6000 mm — 1.0 m/s
Closing Speed	0.8 m/s (can be set the same like opening)
Working Temperature Range	from -15 to +70 °C — if drive is installed indoors; from -5 to +70 °C — if drive is installed outdoors; from -35 to +70 °C — with drive and side frame heating systems
Control unit	painted steel housing; size — 470 × 290 × 200 mm; protection — IP 54; frequency converter
Operator	supply voltage — 240 V / 50-60 Hz; 400 V / 50-60 Hz; motor power — 1.5 kW; protection — IP54; limit positions by encoder
Safety	door meets European Standard EN 13241 CN; one pair of photocells installed 500 mm from floor level; when doors soft bottom edge impacts an object while closing the door, sensor sends a radio signal to the control box and the door immediately opens (optional); door opens automatically on 2000 mm height if power failure in case of using counterweight (optional); transparent window (unavailable for cold storages); flashing light; siren (optional)
Operating Life	1500000 cycles

SPEEDROLL SDO



Maximum Size, W × H	6000 × 5800 mm
Wind Load**	EN12424 for doors W × H 3000 × 3000 mm — Class 3; W × H 5000 × 5000 mm — Class 2; W × H 5800 × 6000 mm — Class 1
Opening Speed	up to 3000 × 3000 mm — 2.0 m/s; up to 5000 × 5000 mm — 1.5 m/s; up to 5800 × 6000 mm — 1.0 m/s
Closing Speed	0.8 m/s (can be set the same like opening)
Working Temperature Range	from -15 to +70 °C — if drive is installed indoors; from -5 to +70 °C — if drive is installed outdoors; from -35 to +70 °C — with drive and side frame heating systems no windows in use for -5 °C and below
Control unit	painted steel housing, size — 470 × 290 × 200 mm; protection — IP54; frequency converter
Operator	supply voltage — 240 V / 50-60 Hz; 400 V / 50-60 Hz; motor power — 1.5 kW; protection — IP54; limit positions by encoder
Safety	door meets European Standard EN 13241 CN; one pair of photocells installed 500 mm from floor level; when doors soft bottom edge impacts an object while closing the door, sensor sends a radio signal to the control box and the door immediately opens (optional); door opens automatically on 2000 mm height if power failure in case of using counterweight (optional); transparent window (unavailable for cold storages); flashing light; siren (optional)
Operating Life	1500000 cycles

* Depends on the door size.

** Wind speed is given for closed door

SPEEDROLL SDF



Maximum Size, W × H	4000 × 4000 mm
Wind Load**	EN12424 for doors W × H 3000 × 3000 mm — Class 3; W × H 4000 × 4000 mm — Class 2
Opening Speed	1.9 m/s*
Closing Speed	0.8 m/s (can be set the same like opening)
Working Temperature Range	from -15 to +70 °C — if drive is installed indoors; from -5 to +70 °C — if drive is installed outdoors; from -35 to +70 °C — with drive and side frame heating systems; no windows in use for -5 °C and below
Control unit	painted steel housing, size — 470 × 290 × 200 mm; protection — IP54; frequency converter
Operator	supply voltage — 240 V / 50-60 Hz; 400 V / 50-60 Hz; motor power — 1.5 kW; protection — IP54; limit positions by encoder
Safety	door meets European Standard EN 13241 CN; one pair of photocells installed 500 mm from floor level; when doors soft bottom edge impacts an object while closing the door, sensor sends a radio signal to the control box and the door immediately opens (optional); transparent window (unavailable for cold storages); flashing light; siren (optional)
Operating Life	1 500 000 cycles

SPEEDROLL SDC



Maximum Size, W × H	3500 × 4000 mm
Wind Load**	EN12424 Class 1
Opening Speed	1.5 m/s*
Closing Speed	0.8 m/s (can be set the same like opening)
Working Temperature Range	from -15 to +70 °C — if drive is installed indoors; from -5 to +70 °C — if drive is installed outdoors; from -35 to +70 °C — with drive and side frame heating systems no windows in use for -5 °C and below
Control unit	painted steel housing, size — 470 × 290 × 200 mm; protection — IP54; frequency converter
Operator	supply voltage — 240 V / 50-60 Hz; 400 V / 50-60 Hz; motor power — 1.5 kW; protection — IP54; limit positions by encoder
Safety	door meets European Standard EN 13241 CN; one pair of photocells installed 500 mm from floor level; when doors soft bottom edge impacts an object while closing the door, sensor sends a radio signal to the control box and the door immediately opens (optional); flashing light; siren (optional)
Operating Life	1 500 000 cycles

SPECIFICATIONS

SPEEDFOLD SDF



Maximum Size, W × H	12000 × 7000 mm
Wind Load**	for doors up to 3000 mm — Class 4; up to 5000 mm — Class 3; up to 8000 mm — Class 2; up to 2000 mm — Class 1
Opening Speed	up to 5000 × 5000 mm — 1.0 m/s; up to 12000 × 7000 mm — 0.6 m/s
Closing Speed	0.5 m/s
Working Temperature Range	from -15 to +70 °C — if drive is installed indoors; from -5 to +70 °C — if drive is installed outdoors; from -35 to +70 °C — with drive and side frame heating systems no windows in use for -5 °C and below
Control unit	supply voltage — 240 V / 50-60 Hz; 400 V / 50-60 Hz; motor power — 0.75-2.2 kW; protection — IP54; limit positions by encoder
Safety	door meets European Standard EN 13241 CN; one pair of photocells installed 500 mm from floor level; when doors soft bottom edge impacts an object while closing the door, sensor sends a radio signal to the control box and the door immediately opens (optional); the door opens automatically on 2000 mm if power failure in case of using counterweight (optional); transparent window (unavailable for cold storages); flashing light; siren (optional)
Operating Life	1 000 000 cycles

SPIRAL DOOR HSSD



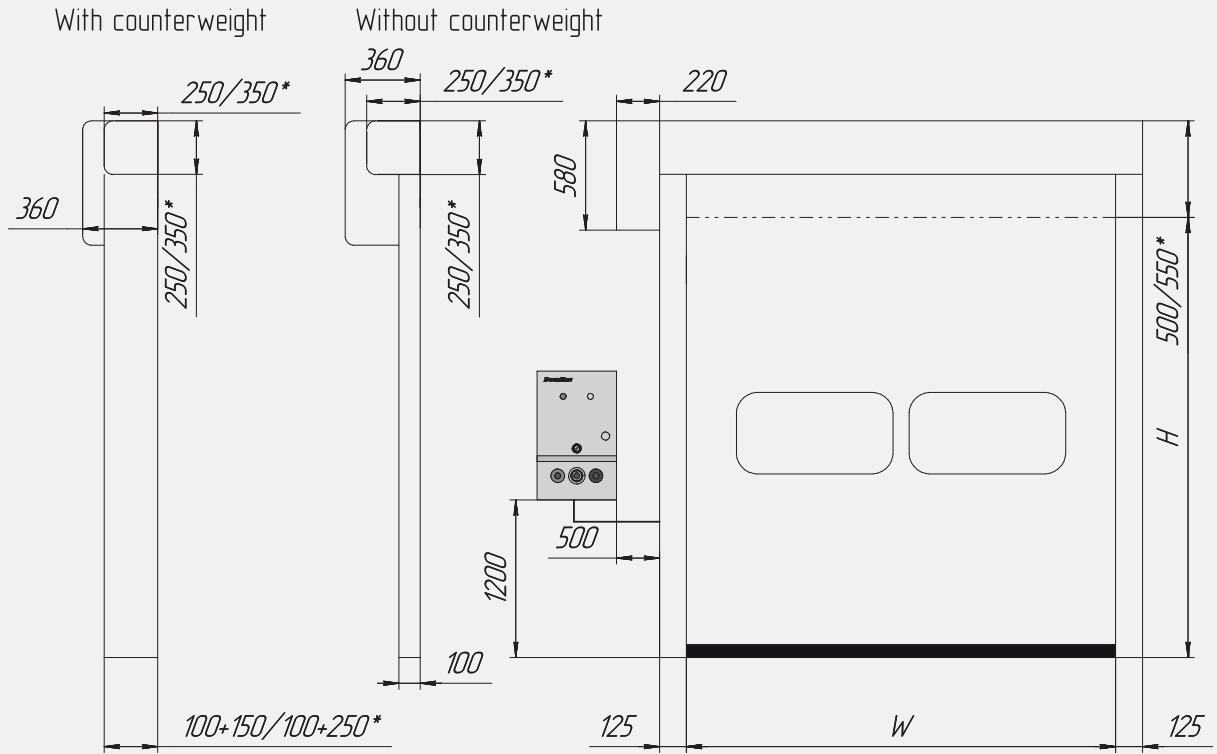
Maximum Size, W × H	6000 × 6000 mm
Wind Load**	EN12424 for doors W × H 3000 × 3000 mm — Class 3; W × H 6000 × 6000 — Class 2
Opening Speed	up to 1.5 m/s*
Closing Speed	0.8 m/s (can be set the same like opening)
Working Temperature Range	from -15 to +70 °C — if drive is installed indoors; from -5 to +70 °C — if drive is installed outdoors; from -35 to 70 °C — with drive and side frame heating systems
Control unit	control unit for Servo motor; painted steel housing; size — 370 × 250 × 135 mm; protection — IP54
Operator	supply voltage 240 V / 50-60 Hz; servo motor with power 0.75–1.5 kW; 400 V / 50-60 Hz; protection — IP54
Safety	door meets European Standard EN 13241 CE; two pair of photocells installed 400 mm and 900 mm from the floor level; when doors soft bottom edge impacts an object while closing the door, sensor sends a radio signal to the control box and the door immediately opens (optional); winter auto run function; partial opening function; flashing light; light barrier 1500 mm height (optional); siren (optional)
Operating Life	3000000 cycles

* Depends on the door size.

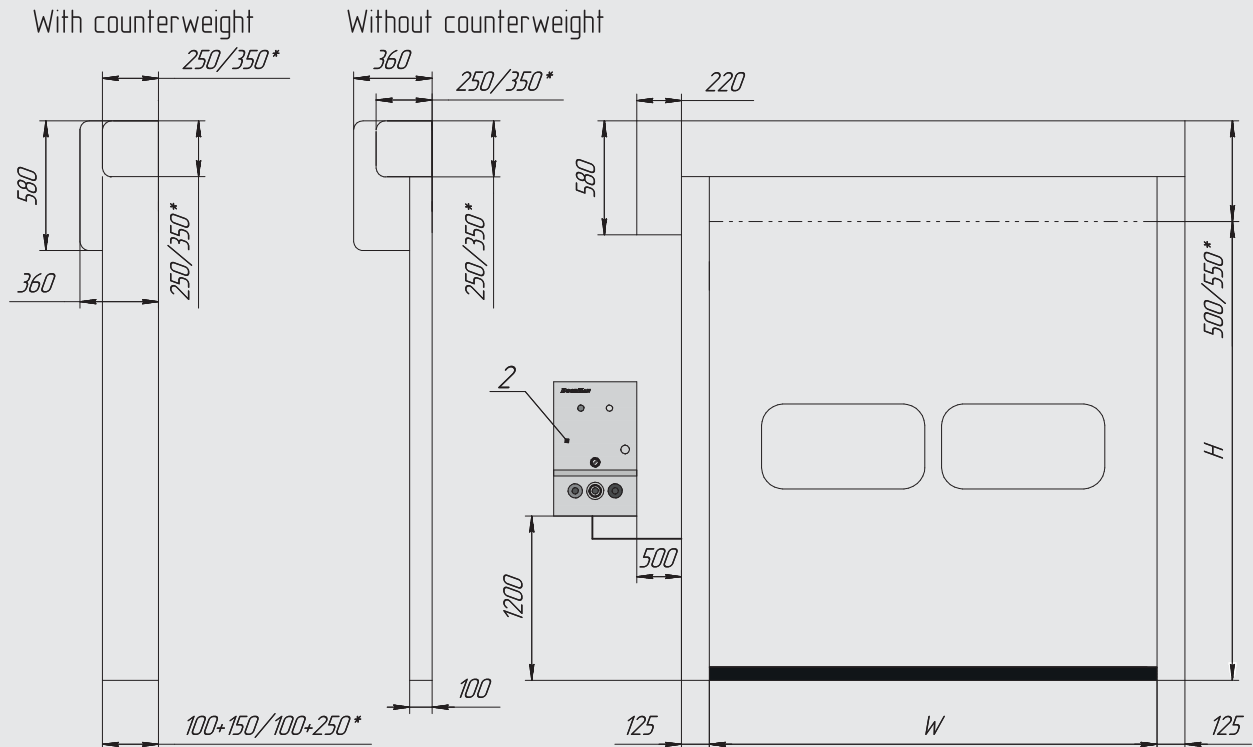
** Wind speed is given for closed door

MOUNTING CLEARANCES

SPEEDROLL SDI Side motor

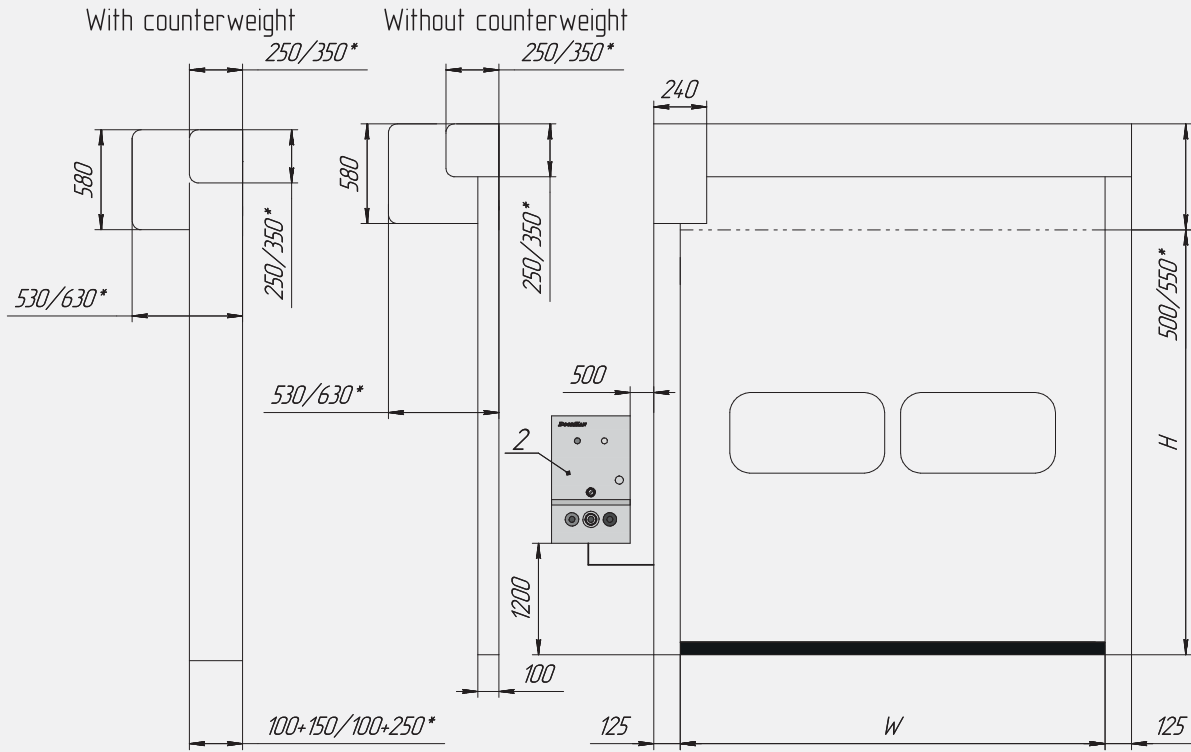


SPEEDROLL SDO Side motor

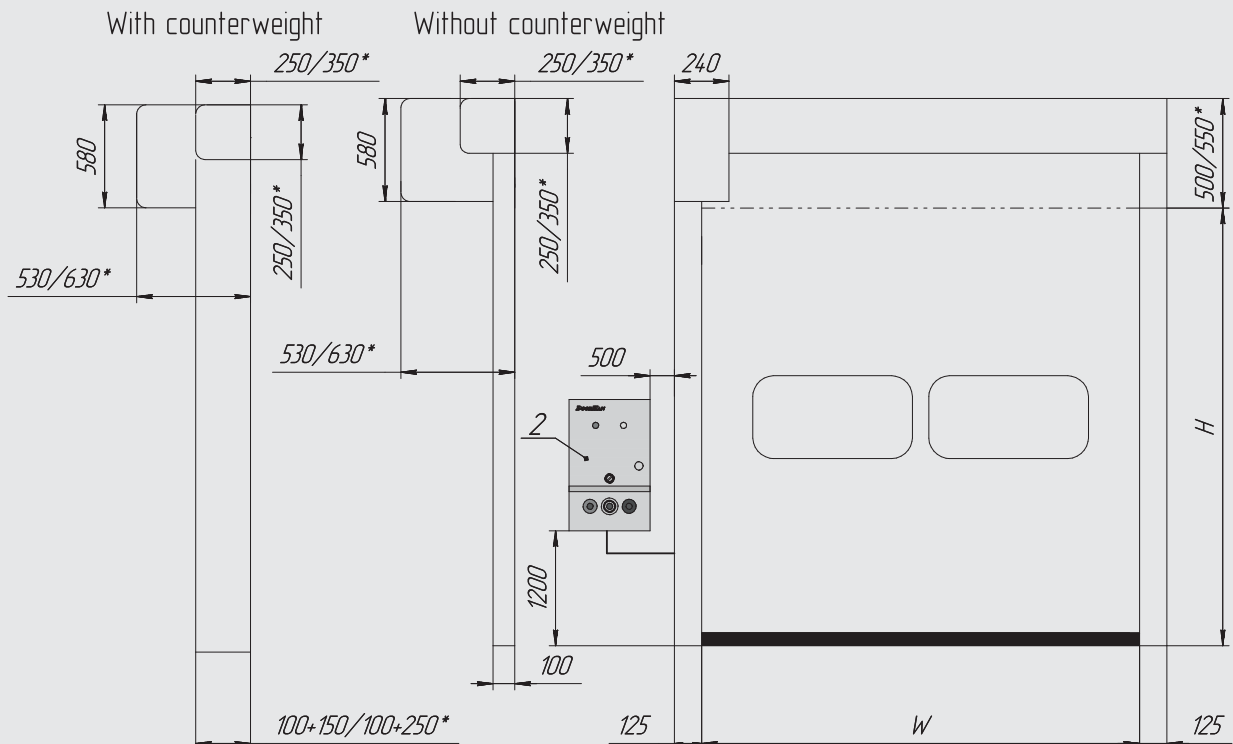


MOUNTING CLEARANCES

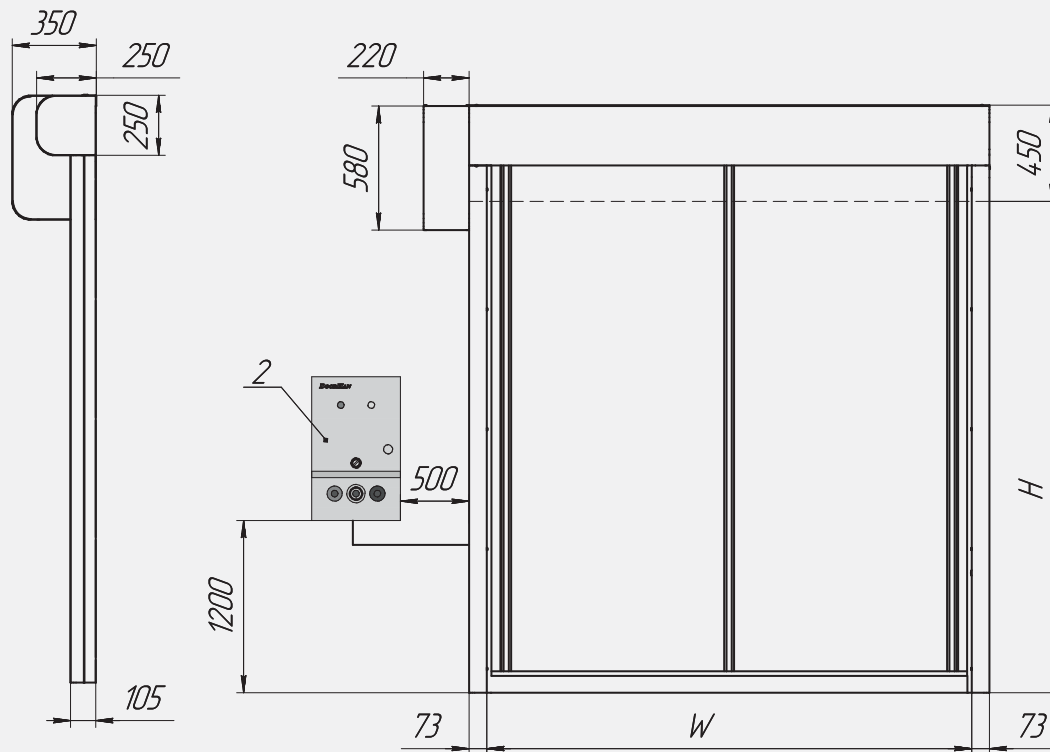
SPEEDROLL SDI Front motor



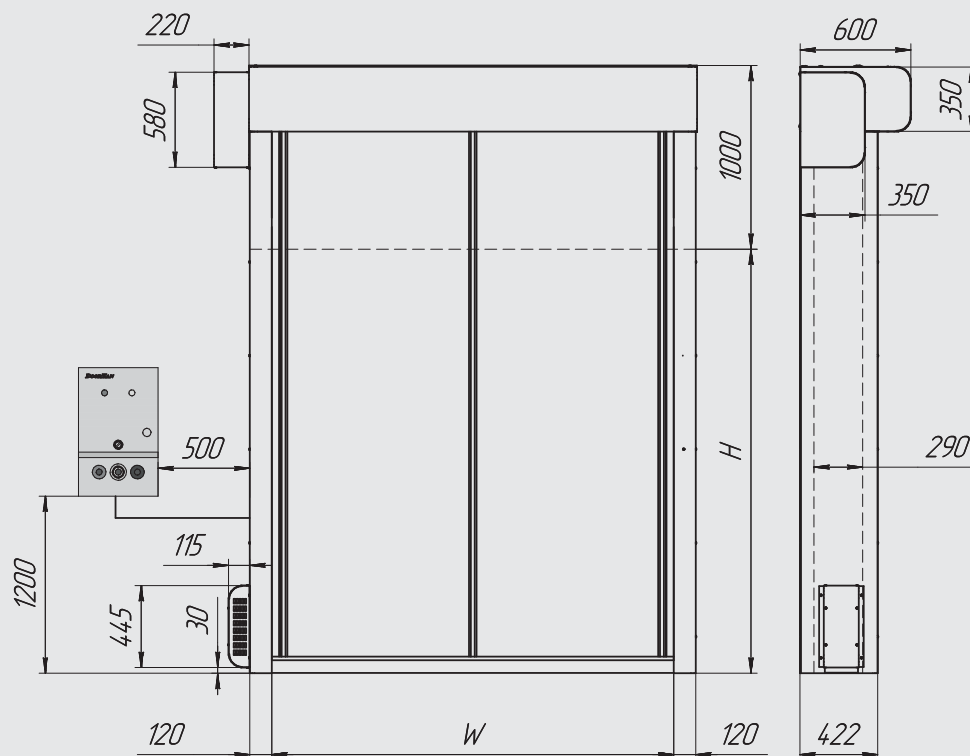
SPEEDROLL SDO Front motor



SPEEDROLL SDF
Side motor



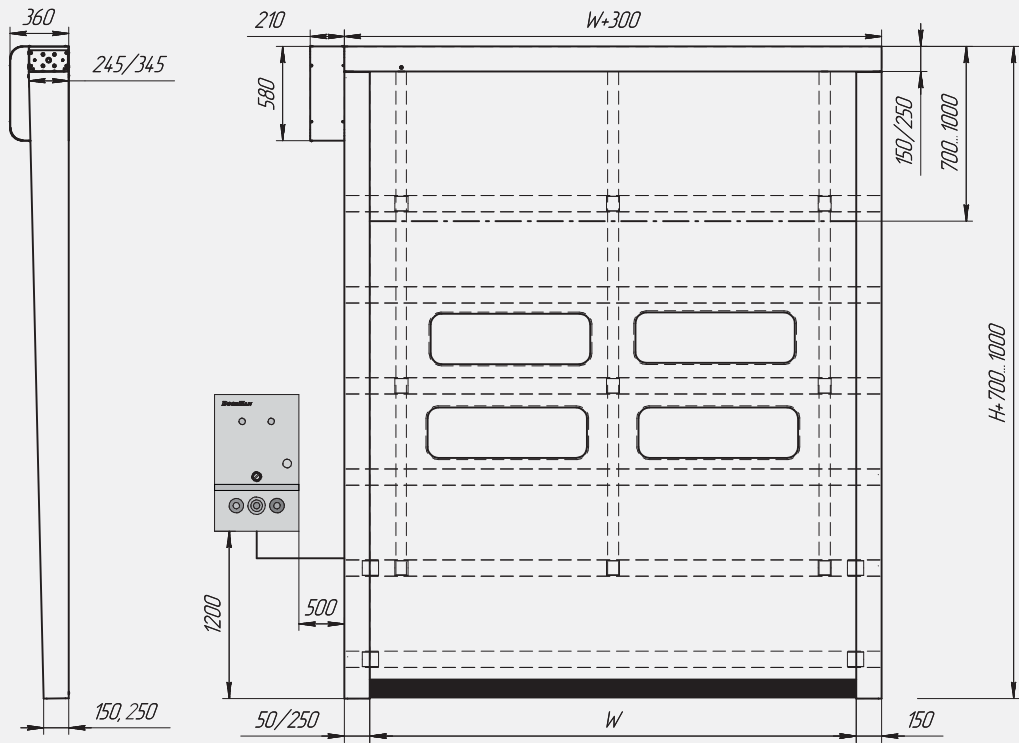
SPEEDROLL SDC
Side motor



MOUNTING CLEARANCES

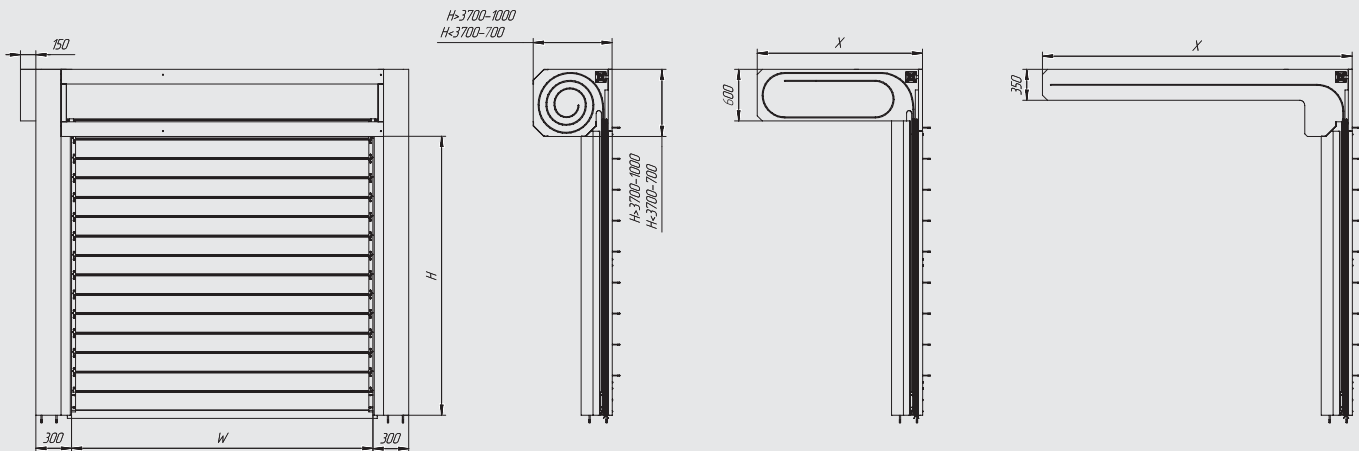
SPEEDFOLD SDF

Side motor




SPIRAL DOOR HSSD

Depend on door size



NOTES

A series of horizontal dotted lines for writing notes.

 MOSCOW, RUSSIA



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