High speed door ASSA ABLOY HS9010PX3, HS8010PX3, HS8020PX3



Experience a safer and more open world



Break-away and Automatic Reset system

ASSA ABLOY high speed doors are equipped with a break-away and automatic reset system. The curtain reintroduces itself after a crash to reduce downtime and maintenance.

Completely safe

Two features make our doors completely safe:

- The soft bottom profile has no rigid parts, it gives way should an obstruction be in the line of closing.
- If the door is hit, the fabric curtain absorbs the impact and releases itself from the side guides to limit damage to the door and surrounding area.

Conform to directive (2014/34/EU):

- **Ex** 3 G/D
- Ex h IIC T6 EPL Gb
- Ex h IIIC 85°C EPL Db
- Ex db mc ia e IIC T4 EPL Gc
- Ex tb mc tD IIIB 135°C EPL Dc
- CE 0029 APRAGAZ 16ATEX 0150X/1 * BApragaz
- Tambiant -10°C ~ +45°C

Medium sized heavy duty high speed door for inside & outside use

The main features of the ASSA ABLOY HS9010PX3, HS8010PX3, HS8020PX3 are:

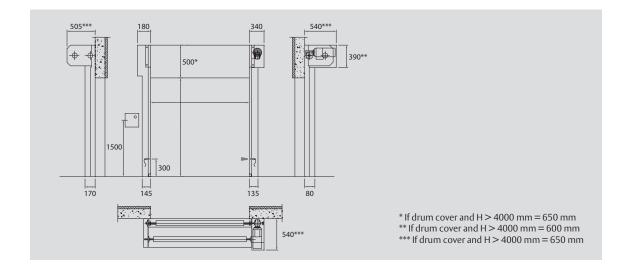
- For ATEX environment category 3
- Medium-sized, max. 5500 x 5500 mm
- Heavy-duty operations
- Inside and Outside usage
- stainless steel construction incl. bearings and drive
- Unique direct door drive system
- Opening speed up to 1,0 m/s

The fast opening and closing speed improves your traffic flow, provides employee comfort, and saves energy. The unique dual barrel power drive system eliminates the need for weighted bottom bars or tension systems by actively driving the door curtain. An exceptional reliability and smooth operation is ensured by a frequency converter driven motor for a soft start and stop.

The reliable and versatile control unit ensures precise door set up and diagnostics and is enclosed in a robust steel control box. A customer friendly clear display gives a wide range of information like an easy to read cycle counter.

Technical Data			
Min size (W x H)	1000 x 1000 mm		
Max size (W x H)	5500 x 5500 mm		
Operating speed ¹⁾	opening: up to 1,0 m/s closing: 1,0 m/s		
	HS9010PX3 = class 1 (300 N/m²)		
Wind load resistance, EN 12424	HS8010PX3 = up to class 4 (1000 N/m 2)		
	HS8020PX3 = up to class 5 (>1000 N/m ²)		
Water penetration, EN 12425	class 3 (>50 N/m ²)		
Air permeability, EN 12426	class 1 for doors up to 3500 x 3500 mm		
Thermal transmittance	6,02 W/ (m ² K)		
Power Supply	230V - 16A		
Curtain Color	Black, Anti static		
Opening commands	Atex Push button or Pull switch		
Vision	H 350 mm vision strip		
1) Depending on door size			

Dimensional specifications



EX II 3 GD IIC T4 IIIB 135°C

Product	Category 1	Category 2	Category 3	
User zone	Zone 0/20	Zone 1/21	Zone 2/22	
Zone criteria			Where an explosive atmosphere is not likely to occur in normal operation and if it does occur it will exist only for a short period of time (>10 h./year) Equipment which is appropriate under normal conditions.	
Hazard			Not likely	
Approved categories			1G/2G/3G 1D/2D/3D	

™ II 3 GD **IIC T4** IIIB 135°C

Explosion groups	Temperature class					
	T1	T2	T3	T4	T5	Т6
Min. ignitiontemperature or max. surface temperature	450 °C	300 °C	200°C	135°C	100 °C	85 °C
I (Mining)	Methane					
IIA	Acetone Ammonia Benzene Acetic acid Ethane Ethyl acetate Methanol Naphtalene Phenol Propane	i-Amylacetate n-Butane n-Butane alcohol	Benzines Diesel fuels Fuel oils n-Hexane	Acetalaldehyde		
IIB	Town gas	Ethylene Ethylene oxide	Hydrogen sulphide	Ethyl ether		
IIC	Hydrogen					Carbon disulphide

EX II 3 GD IIC T4 IIIB 135°C

Dust sub groups	Dust type
Later than the second	Coal Dust
IIIA	Flyings
IIIB	Non-conductive
IIIC	Conductive