

# High Speed Doors ASSA ABLOY UltraBig

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in  
door opening solutions

Big on productivity  
and savings



# Tough performance for big openings

From forklifts to heavy equipment, the ASSA ABLOY UltraBig high-speed rubber door handles openings as large as 50' x 35' with speed and reliability in the harshest environments.



## **Forgiveness in an unforgiving environment**

The ASSA ABLOY UltraBig helps to avoid unplanned downtime, putting you in control of the uncontrollable with features including:

- Heavy-duty steel frame – withstands accidental impact, and rigorous environments
- UltraStrong curtain – protects against temperature extremes from -40° F and 80° F to 176° F; chemical and corrosion resistant
- Gussets and Windlok design – door functions in winds of up to 20 psf (88 mph); near airtight seal

## **Protect workers and enhance productivity**

The ASSA ABLOY UltraBig helps reduce lost-time accidents and is easy to learn and operate.

- Electric bottom edge – slight contact automatically reverses the door to the open position
- Inline through-beam photo eye – detects objects in the door way and safely reverses the door before contact

## **Increase efficiency, lower cost**

From installation to operation and maintenance, the ASSA ABLOY UltraBig delivers efficiency. Opening speeds of up to 12" per second eliminate compromise between speed and effectiveness.

- Counterbalanced design – fast, smooth operation; springs increase the life of the drive unit
- Structural steel frame – lasts longer; installs faster and easier
- Heavy-duty – engineered to cycle hundreds of thousands of times in rigorous environments.



# Technical information

## Opening speeds

Counterbalanced system                      Opening up to 12 in/sec (size dependent)

## Door dimensions

Max height	35 ft (10,668 mm)
Max width	50 ft (15,240 mm)
Min height	30 ft 1 in (9,169 mm)
Min width	30 ft 1 in (9,169 mm)

## Safety features

Photo eye	Standard
Bottom beam	Failsafe auto stop and reverse self-monitoring safety edge

## Door panel

SBR	2 layers of Styrene Butadiene Rubber (SBR) with polyester cord center MSHA curtain material. Breaking strength 1100 lbs/in/ply
EPDM	Optional

## Wind resistance

Continuous windlock                      Up to 20 psf (128 mph)

## Door components

Counterbalanced systems	50k cycle torsion springs
Side frames	Heavy-duty steel painted Optional - Corrosion and chemical resistant coating
Idler	6" diameter, 1/4" wall thickness
Door roll	12" diameter, 0.188mm thick tube complying with ASTM A513
Bottom bar	Steel construction
Manual egress	Chain hoist
Hood	Optional
Windows	Optional - 10" x 18"

## Control and drive system

Input voltage	208-240 V, 440-480 V, 575-600 V
Motor	Up to 3.7 kW, 3 phase, 60 Hz, 20 amps
Limits adjustment	From Drive
Protection	NEMA 4/12, IP-56

*We offer various options and actuation devices for all high-performance door products*



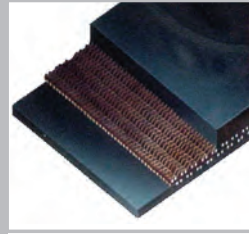
## Photo eye

Inline through beam photo eye keeps people and equipment safe from door contact.



## Heavy-duty side frames

Heavy-duty side frames and Windlok guide system resist high wind pressures.



## UltraStrong curtain

Thick, 2-layer SBR and high tensile strength rubber panel has a lifetime warranty.



## Programmable Logic Controller (PLC)

PLC Controller is customizable and easy to use (inside building).



## Gussets, Windlok and Guide system

Door will resist wind loads of up to 20 psf (128 mph). Windlok & Guide system offers a near airtight seal.



## Counterbalance system

Counterbalance system uses torsion springs for fast smooth operation.

ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. Building on the long-term success of the Besam, Albany and Megadoor brands, we offer our solutions under the ASSA ABLOY brand. Our products and services are dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations. ASSA ABLOY Entrance Systems is a division within ASSA ABLOY.

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