

Dolly Solutions Co.,Ltd.



Introduce

High Speed Doors are designed for fast open and close, allowing people and/or equipment to move quickly through the opening. When properly applied, they can increase environmental separation, productivity and safety, and reduce maintenance costs

Applcation

Airport
Industry
Carwash
Pharmaceutics & chemistry
Healthcare
Automotive
Food industry
Distribution
Logistics,
Cold stores & Refrigerators

Specification

Japanese Inverter, PLC and other components

Dynamical systems

Adopt special high-speed motor reducer, 0.75-2.2KW, according to the size of the door to select the model. Two brand for choice, SEJ or NORD. Incorporating limit switches for open and close cycles, and this drive unit can be used on manual in the event of power failure

Door construction

Framework-----In 2mm thickness cold-roll steel sheets, Or on request, In stainless steel 201/304 and Aluminum.

Rolling shaft-----In 2mm thickness cold-roll steel tube with machined blocks at each and incorporating high-speed bearing

Cross bar-----In aluminum lath

Curtain-----Made in high-density polyester fabric

Thickness: 0.8mm or 1.5mm

Self-extinguishing rate: DIN4102

Color: yellow, blue, red, white, orange and other color for selection

Window-----Use transparent pvc film imported from Japan, various styles, size and location according to your order. thickness: 1.5mm

Command systems

radar sensor

pulling rope

remote control

magnetic loop

push bottom

safe system

Photoelectric sensor-----installed on the side tracks, with emergency stopping reaction when sensing obstacles

safe edge bottom-----when the people or vehicle touch the bottom edge of falling door, it bound up automatically

emergency stop protection-----with emergency stop button on control panel

Seal

seal brush are installed inside the guides, besides, there is trap heavier fabric on the bottom, close to any uneven ground

Technical parameter

Power supply: single phase: 220V / three phase: 380V/50HZ (To your order)

Power consumption: max 250W

Opening & closing speed: 0.7-1.7m/s (optionally different opening speed upon request)

Opening & closing frequency: 1000-1500 cycles/day

Wind load: 20m/s

Ambient temperature:-20°C to +50°C

Main Parts



Control Panel



Control Panel



German Nord Motor



Limit Switch



Framework



Belgium BEA Radar



Pull Rope



Remote Control



Belgium BEA Magnetic Loop



Push Button



Photoelectric Sensor



Safe Edge Bottom



Seal Brush



Trap Heavier Fabric

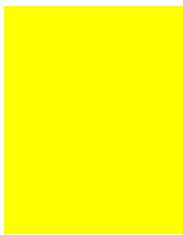


Alarm Light

Colour



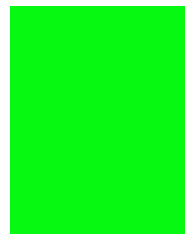
Blue



yellow



red



green



white

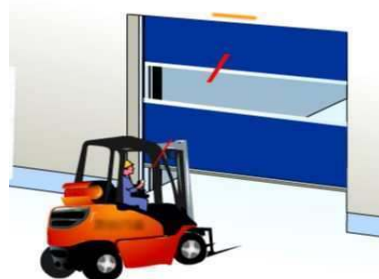


orange

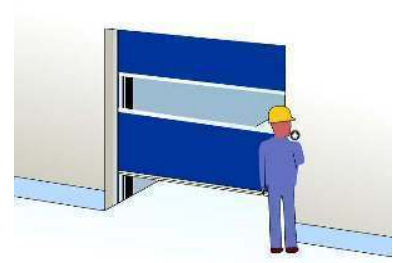
Open command



Radar Sensor



Remote Control



Push Bottom



Pull Rope



Magnetic Loop