

High Speed Door



Experience the superior performance of TDK High-Speed Doors, meticulously engineered to deliver rapid operation, utmost safety, and unparalleled durability. Crafted with innovative structural design and powered by advanced high-frequency micro-computer drive units, our doors epitomize excellence in modern warehouse solutions, perfectly aligned with the requirements of environmental sustainability. Elevate your operational efficiency with TDK High-Speed Doors, where quality meets innovation.



TDK high-speed doors are specially designed to prioritize energy conservation and environmental protection, effectively reducing both production and personnel costs. By creating optimal operating environments and ensuring seamless material flow, they prove to be indispensable assets. High-speed doors equipped with a PLC control unit and frequency converter excel in busy traffic areas, offering smooth acceleration and gentle deceleration systems that guarantee up to 150,000 operations per year with ease.



HT 1000 High Speed Door



TDK HT 1000 high-speed door is ideal for environments with high-frequency traffic and low wind pressure. Whether safeguarding the production environment and ensuring safety in logistics processes or serving as passageways in modern warehouses and architectural settings, the HT 1000 high-speed door provides the optimal solution to meet these demands.

Product Features

Application: internal door.

Door frame: aluminum.

Curtain: 1.0mm fabric.

Door control: PLC.

TDK Servo motor.

Size: 3000mm(W) X 3500mm(H).

Wind load max: 9m/s.

Opening speed: Up to 1.5 m/s.

Closing speed: 0.6 m/s.

Optional: cover, Weight balance, view window, traffic light, Induction loop, radar, remote control, pull-cord.

Curtain colors: yellow, orange, red, blue, grey.



HT 2000 High Speed Door



TDK HT2000 High-Speed Door, featuring a 2mm fabric panel that not only offers an attractive appearance but also ensures durability for years to come. With a single-piece aluminum extrusion frame track, this door operates smoothly, facilitating seamless opening and closing. Experience reliability and aesthetic appeal combined in the TDK HT2000 High-Speed Door, designed to exceed expectations without any hassle for years on end.

Product Features

Application: internal door.

Door frame: aluminum.

Curtain: 2.0mm fabric.

Door control: PLC.

TDK Servo motor.

Size: 4000mm(W) X 4000mm(H).

Wind load max: 9m/s.

Opening speed: Up to 1.5 m/s.

Closing speed: 0.6 m/s.

Optional: cover, Weight balance, view window, traffic light, Induction loop, radar, remote control, pull-cord.

Curtain colors: yellow, orange, red, blue, grey.



HT 3000 Clean Room High Speed Door



TDK HT 3000 high-speed door stands as the optimal solution for environments requiring high-frequency operation and wind resistance. Designed to meet the stringent demands of busy passageways with a need for dust prevention and easy cleaning, particularly in industries such as food, pharmaceuticals, and precision machining, its superior clarity and robust construction make it the preferred choice.

Product Features

Internal door / External door

Door frame: 304 stainless steel.

Curtain: 0.8-2.0 mm fabric.

Door control: PLC.

TDK Servo motor.

Size: 5000mm(W) X 5000mm(H).

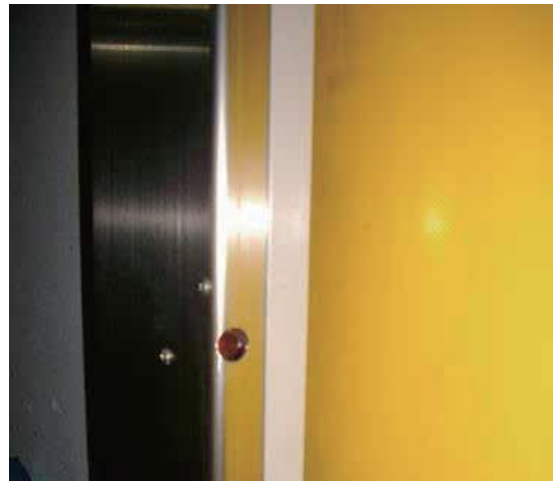
Wind load max: 11m/s.

Opening speed: 1.2 m/s.

Closing speed: 0.6 m/s.

Optional: cover, view window, traffic light, Induction loop, radar, remote control, pull-cord.

Curtain colors: yellow, orange, red, blue, grey.



High Speed, Spiral, Rigid Roll up Door

With an opening speed of up to 60 inches per second, TDK HSR door offers the speed you need for high-traffic openings. Rigid, aluminum foam panel construction saves energy in your building. Attractive looking TDK HSR spiral roll up door is great for all kinds of commercial, institutional, as well as industrial applications. Because its powder coating aluminum is corrosion resistant, the door finish can last for many years under even the worst weather conditions.



High Security - Rigid, aluminum foam Door panel and optional locking system provides security.

Open Fast - Opening speed up to 60 inches per second.

Low Noise - The plastic roller travels inside of an aluminum door track at extremely low noise.

Smooth Open and Close - With soft acceleration starts and Deceleration stops, smooths out routine opening and closing.

Energy Saving - Aluminum insulated foam panel, along with a durable rubber gasket, provide a 100% seal against dust pollution and inclement weather.

Model Name

- TDK HSR

Size and Dimensions

- Up to 20'W x 20'H

Safety

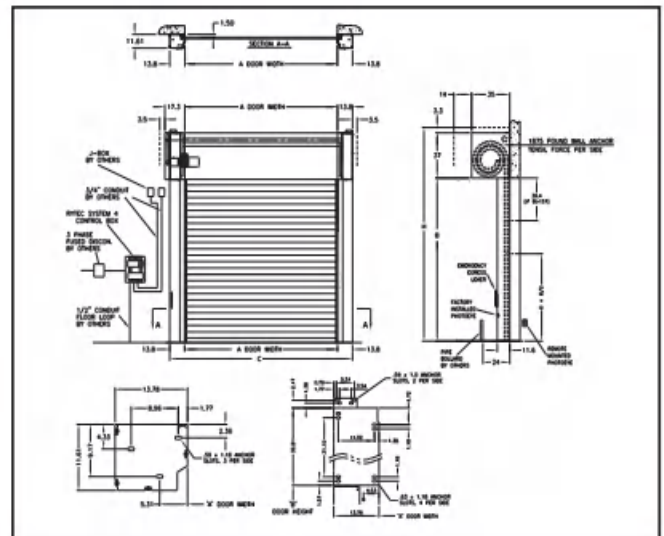
- Standard photo eyes
- Electronic reversing edge
- Mechanical lever on the side column allows the door to be opened at power failure.

Available Options

- Aluminum non-Insulated panel
- Window
- 60mm and 80mm insulated panel
- Hood and motor covers

Warranty

- One year limited warranty



High Speed Door Component Selling On line

— Please visit our website www.tdkdoors.com to place orders

TDK High Speed Door Operator

TDK Door Operators are equipped with a compact and lightweight servo motor and closed-loop control. Our operators provide high response and precise positioning for your door. The specially designed torque auto-adjusting system makes industrial doors run much smoother.

B Series --- High Speed Door Operators

750B 0.75KW servo motor with mechanical brake, 20:1 gear box fit with 25mm keyed solid shaft.

1500B 1.5KW servo motor with mechanical brake, 20:1 gear box fit with 25mm keyed solid shaft.

2200B 2.2KW servo motor with mechanical brake, 20:1 gear box fit with 28mm keyed solid shaft.



TDK Safety Edge and Safety Beam for High Speed Doors.

TDK offers a range of safety edges that are designed to provide reliable and efficient protection for high-speed doors, sliding doors, garage doors and industrial doors. The safety edges are available in both wired and wireless configurations, and are designed to be easy to install and maintain.

WL - 102 --- Connect the transmitter to a sealed air pipe or door rubber seal at the bottom or leading edge of doors. Connect the receiver in the control box. The sensitive and reliable safety edge WL-102 will work for years on your doors.



PE - GY2 --- A photo eye with a double safety beam that provides safety for doors and equipment within 15 meters.

More Products from TDK >>>



Over Head Doors



Traffic Doors



Corrosion Resistant Doors



Cold Storage Doors

TDK DOOR COMPONENTS

Industrial Door Material & Hardware • Operators • Walk in Cooler Hardware • Safety Edges

Website: www.tdkdoors.com • Email: info@tdkdoors.com

For downloadable drawings
and specifications please visit
www.tdkdoors.com

In our continuing effort to improve our products, some specifications or descriptions may change. We reserve the right to make such changes without notice or recourse.