**Fitting for top-running glass doors up to 150 kg (330 lbs.), with surface mounted running track.**

**Ceiling mounting. Fully opening.**

**Product-Highlights**

**Flexibility**

Curved running and guide tracks with a minimal radius of 4000 mm (13' 1 15/32'') for unusual layouts

**Productivity** The modular track system for the parking area makes storage and

installation easier

**Technical guidelines** Max. Door weight

Door thickness Max. Door height Max. Door width Max. Opening width Height adjustable Soft close

Door material

Finish color of visible profiles

150 kg (330 lbs.)

10–12.7 mm (13/32'' to 1/2'')

3500 mm (11' 5 25/32'')

1500 mm (4' 11 1/16'')

12000 mm (39' 4 7/16'')

+6 / -3 mm (+1/4'' / -1/8'')

No Glass

Aluminum raw

**System options**

Ceiling mounting

Top-running

Yes

Yes

**Application area**

Utilization medium / semi-public access

Utilization high / public access

Yes

Yes

**Tests** Building hardware – Hardware for sliding doors and folding doors according to EN 1527 / 2013

* Duration of functionality: Class 6 (highest class = 100,000 cycles)

Hardware for furniture – Roller fittings for sliding doors according to EN 15706 : 2008 – Level 3

* Overload test
* Functional test

**Warranty** With the exception of parts subject to wear and tear, Hawa warrants the flawless functioning of the products delivered by it, as well as the durability of all parts, for a period of 2 years commencing from the transfer of risk.

**Product Design** Hawa Variotec 150 GV consisting of running track (aluminum, wall thickness 4.0 mm (5/32'')), guide track, suspension and glass retaining profiles and combinable door elements:

Sliding door:

( ) Running gear with ball bearing rollers with suspension carriage

( ) Guide piece

( ) Cover caps

( ) Bottom locking lever

Pivot door:

( ) Pivot bearing

( ) Follower

( ) Thrust bearing and sleeve

( ) Cover caps

Double action door:

( ) Running gear with ball bearing rollers with suspension carriage

( ) Retaining device

( ) Suspension and glass retaining profile

( ) Pivot bearing

( ) Cover caps

( ) Coupling mechanism

( ) Bottom door closer

Sliding pivot door:

( ) Running gear with ball bearing rollers with suspension carriage

( ) Retaining device

( ). Suspension and glass retaining profile

( ) Pivot bearing

( ) Cover caps

( ) Overhead door closer

( ). Stopper

( ) Hold open insert

Optional:

(….) Sealing profile, upright (….) Top and bottom seals (….) Direction change profile (….) Bottom guide profile (….) Floor sleeve

(….) Lock

# Interfaces Door leaf

* Glass with processing VSG/ ESG
* Wet glazing with silicone

# Stacking area

* Individual stacking area positioning possible

# Floor

* Processing on floor for guide track or locks