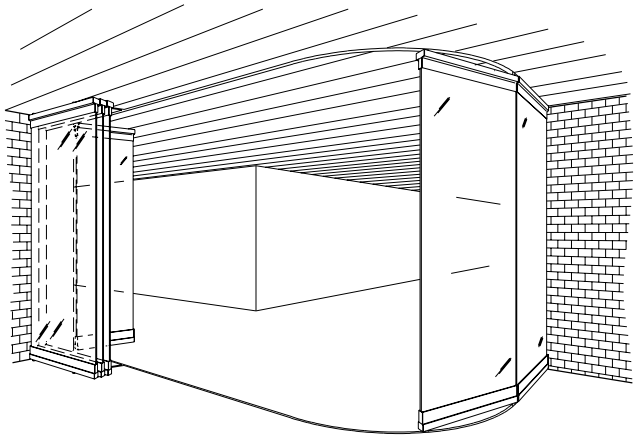
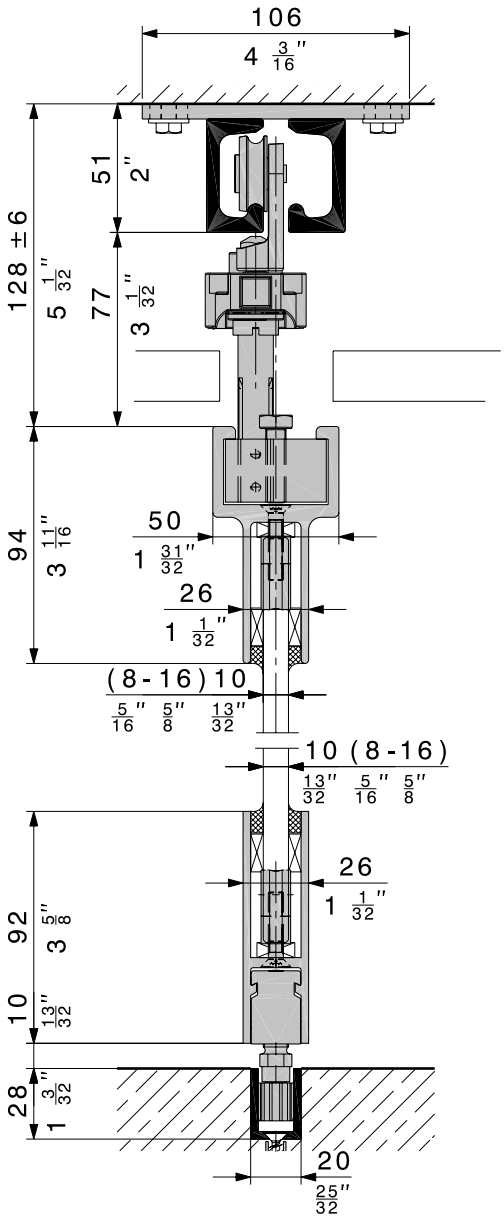




Hardware system for heavyweight all-glass sliding doors and all-glass sliding walls weighing up to 400 kg (880 lbs.).

Description

The Hawa Shopfront 103 G 400 and 112 G 400 are tried and tested hardware systems for heavyweight all-glass sliding wall installations. The first panel can be installed as a revolving door on the side that is opposite the stacking area. Depending on the given situation, it is also possible to install a revolving door close to the stacking area. The Hawa Shopfront is able to meet requirements for up to 400 kg (880 lbs.) per all-glass sliding door, but can also be modified to handle other special wishes. If you need hardware systems for all-glass doors weighing less than 150 kg (330 lbs.), please ask us for further information.

Applications

These hardware systems are suitable for use wherever heavy-weight doors call for a high degree of quality and precision, e.g. in shopping centres, public buildings, industrial premises and the administrative sector.

Features of the Hawa Shopfront 400 G

- Two-wheeled trolley with steel wheels
- Stainless steel running tracks WNR 1.4301/AISI 304
- Minimum axis radius, 4000 mm (13'1 1/2")
- Smooth and quiet operation
- Suitable for heavyweight all-glass sliding-wall installations
- Minimal space requirement for stacking
- Customized solutions

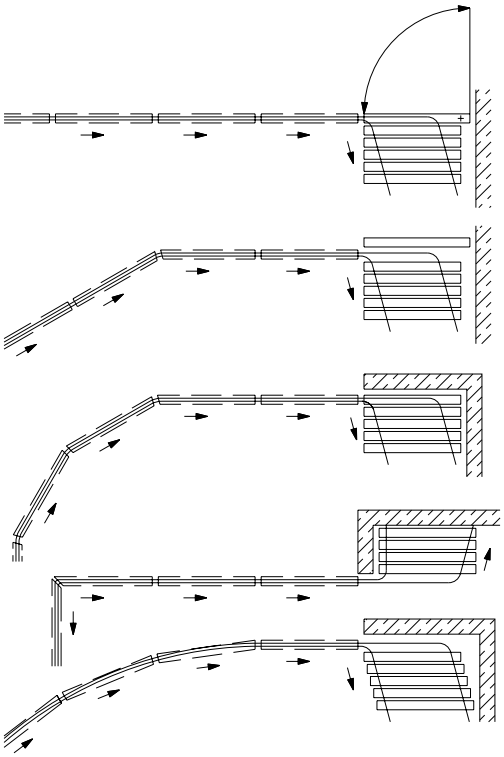
Glass thickness

- Glass thickness ESG (fully tempered monolithic glass): 8–16 mm (5/16"–5/8")
  For tall doors, we recommend glass thicknesses ESG (fully tempered monolithic glass): 12–16 mm (15/32"–5/8").

Subject to modification. Metric specifications are exact. Inches are approximate.

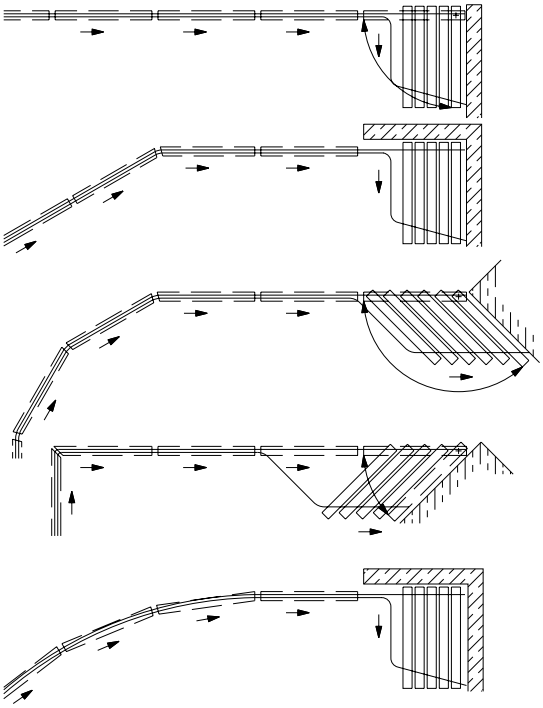
Hawa Shopfront 103 G 400

Sliding panels are stacked parallel to the closing plane.



Hawa Shopfront 112 G 400

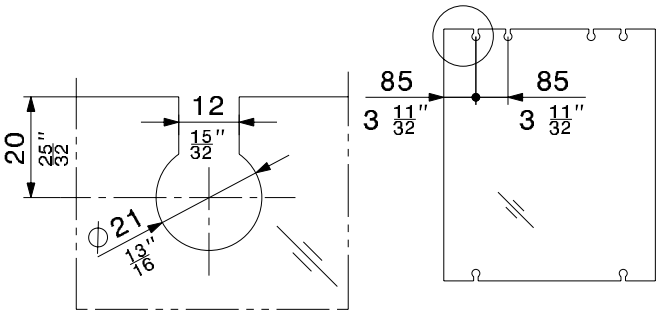
Sliding panels are stacked at an angle to the closing plane.



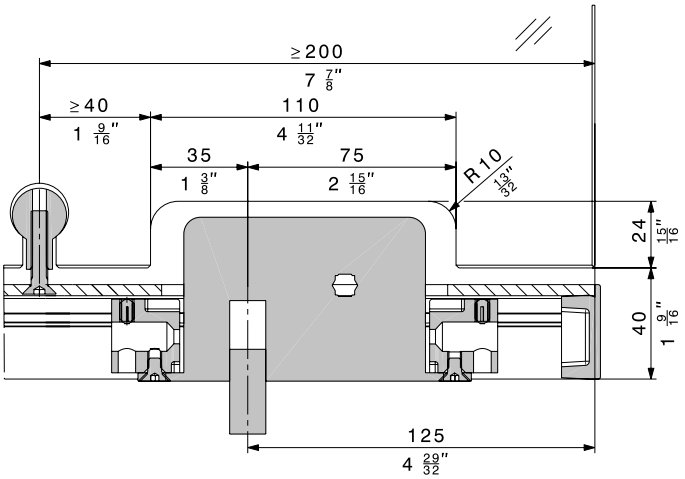
Glass cutouts

The glass ESG (fully tempered monolithic glass) must be provided with cutouts for installation of the glass holder inserts and the safety locks.

- Glass thickness sliding door ESG (fully tempered monolithic glass): 8–16 mm ($\frac{5}{16}$"–$\frac{5}{8}$"), Dickentoleranz ± 0,3 mm
- All glass edges are seamed; maximum 1 mm ($\frac{1}{16}$") in the glass cutout



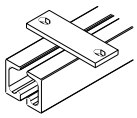
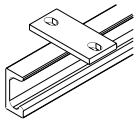
Glass cutout for glass holder



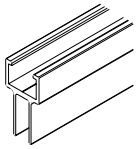
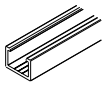
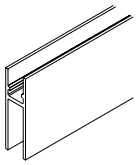
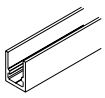
Glass cutout for safety locks

Subject to modification. Metric specifications are exact. Inches are approximate.

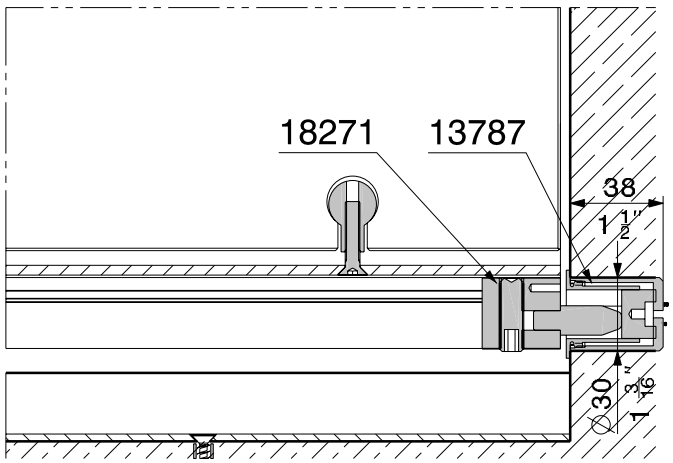
Running tracks

			code
	Dual running track, stainless steel WNR.1.4301/AISI 304, with mounting flanges	cut to size	18038
	Single running track, stainless steel WNR.1.4301/AISI 304, with mounting flanges	cut to size	18036

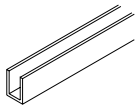
Glass suspension and retainer profiles

		mm/inch	code
	Glass suspension and retainer profile, alu unanodized, undrilled, glass up to 16 mm ($\frac{5}{8}$")	6500 (21'3$\frac{29}{32}$")	13155
		cut to size	13156
	Suspension profile, alu unanodized, undrilled	6500 (21'3$\frac{29}{32}$")	10332
		cut to size	13071
	Cover cap for suspension profile 13155 / 13156 / 10332 / 13071, grey		10619
	Glass suspension/retainer profile, alu plain anodized, brushed undrilled, glass up to 16 mm ($\frac{5}{8}$")	6500 (21'3$\frac{29}{32}$")	21783
		cut to size	21784
	Glass suspension/retainer profile, alu unanodized, undrilled, glass up to 16 mm ($\frac{5}{8}$")	6500 (21'3$\frac{29}{32}$")	13158
		cut to size	13159
	Cover cap for glass suspension/retainer profile 21783 / 21784 / 13158 / 13159, plastic anthracite-grey RAL 7016		21085
	Suspension profile, alu plain anodized, undrilled	6500 (21'3$\frac{29}{32}$")	10345
		cut to size	12915
	Cover cap for suspension profile, plastic anthracite-grey RAL 7016		20907

Wall connection



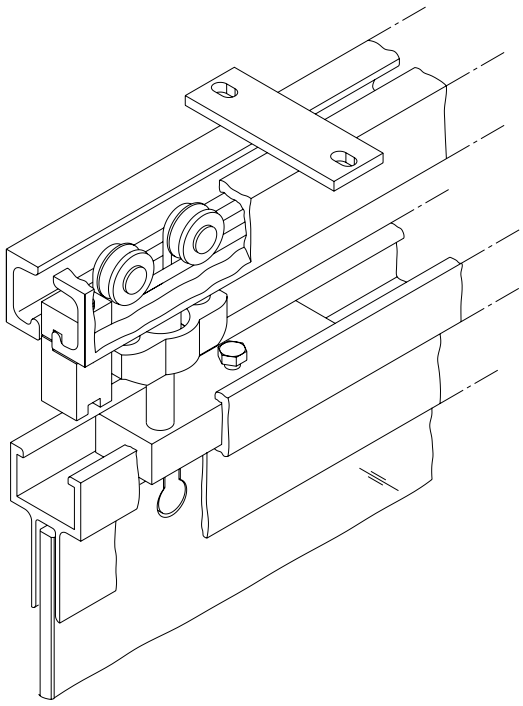
Bottom guide channels

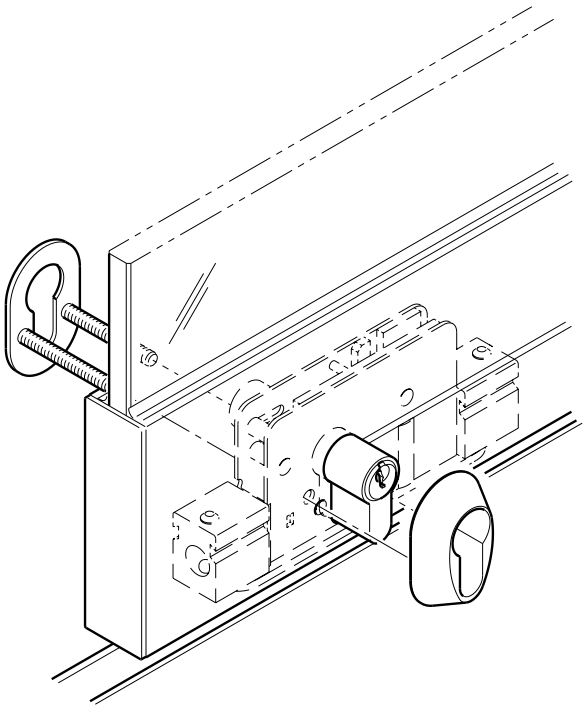
Caution: Hole positions vary		mm/inch	code
	Bottom guide channel, brass, predrilled, 20 x 28 x 3 mm ($\frac{25}{32}$" x 1$\frac{1}{8}$" x $\frac{1}{8}$")	6000 (19'8$\frac{7}{32}$")	10245
		cut to size	10247

Accessories

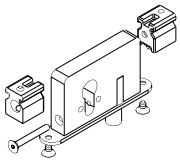
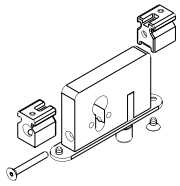
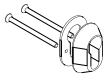
		code
	Welding jig for dual running track, steel	10794
	Track stop, galvanized steel	10595
	Two-wheeled trolley, steel wheels and hanger bolt M14	10366
	Suspension plate M14, with fixing screws, galvanized steel	10449
	Glass holder insert, plastic with screw M6 x 30 mm	10792
	Pivot assembly, complete	10703
	Driver, vertically adjustable, for pivot door	16325
	Thrust bearing, adjustable, Inox, for fitting into bottom guide channel	22299
	Thrust bearing sleeve, Ø 30 mm (1$\frac{3}{16}$"), for pivot door	16326
	Guide, rattle proof, plastic, 14 mm ($\frac{9}{16}$"), with suspension block	13781
	Centering assembly, complete	10556
	Centering assembly with pivot	18271
	Floor-mounted sleeve with oblong hole and chromium plated brass spring cover	13787
	Rosette for floor-mounted sleeve 13787	17326
	Strike plate, chromium-plated steel	13130
	Thumbturn, dull chromium finish, with square pin 7 x 20 mm ($\frac{9}{32}$" x $\frac{25}{32}$")	12620
	Fork spanner SW 22/12, pivot door vertical adjustment	15409

Subject to modification. Metric specifications are exact. Inches are approximate.





Integrated locks

			code
	Bar bolt lock, with retention pin	profile cylinder 17 mm ($\frac{11}{16}$")	16760
		round cylinder 22 mm ($\frac{7}{8}$")	16761
		square/hexagon socket	16762
	Bar bolt lock, with guide pin and fixing parts	profile cylinder 17 mm ($\frac{11}{16}$")	18484
		round cylinder 22 mm ($\frac{7}{8}$")	18485
		square/hexagon socket	18486
	Security rose 16 mm ($\frac{5}{8}$"), for double cylinder 17/61 mm ($\frac{11}{16}$"/2$\frac{13}{32}$"), chrome nickel steel		18502
	Spacer for security rose	profile cylinder 17 mm ($\frac{11}{16}$")	18493
		round cylinder 22 mm ($\frac{7}{8}$")	18494

Cutouts

	code
Cutout, bar bolt lock for 17 mm ($\frac{11}{16}$"), for double cylinder	18489
Cutout left, bar bolt lock for 17 mm ($\frac{11}{16}$"), for single cylinder	21331
Cutout right, bar bolt lock for 17 mm ($\frac{11}{16}$"), for single cylinder	21332
Cutout, bar bolt lock for 22 mm ($\frac{7}{8}$"), for double cylinder	18490
Cutout left, bar bolt lock for 22 mm ($\frac{7}{8}$"), for single cylinder	21333
Cutout right, bar bolt lock for 22 mm ($\frac{7}{8}$"), for single cylinder	21334
Cutout, bar bolt lock, left, square/hexagon socket	18492
Cutout, bar bolt lock, right, square/hexagon socket	18491

Services

We will provide the following services at extra cost (prices on request): project processing, bending and shaping running tracks and bottom guide channels, countersinking for lock assembly and cylinder, plus surface treatments.

Better safe than sorry

An integrated bar bolt lock compatible with the 17 mm ($\frac{11}{16}$") profile cylinder, 22 mm ($\frac{7}{8}$") round cylinder and square/hexagon socket is available for securing all-glass sliding doors.

Planning/installation

For planning and execution please order the installation drawings
code 12409 Hawa Shopfront 400 G – parallel and
code 12410 Hawa Shopfront 400 G – 90°.
(→ www.hawa.ch → Hawa Productfinder)