



Vision-proof transfer grille

SGA



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Sight-proof transfer grille SGA

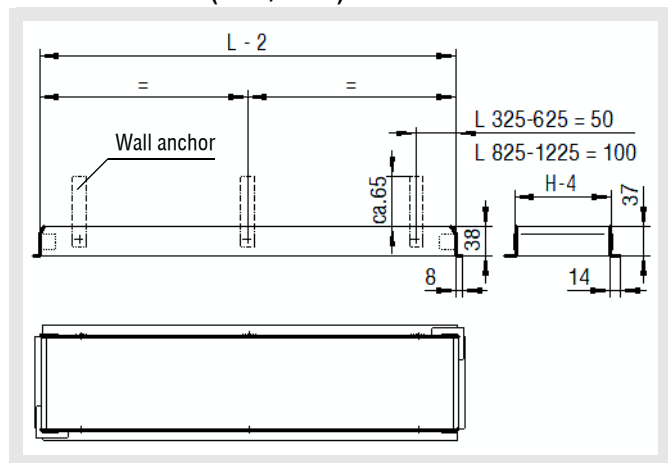
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Sight-proof transfer grille

Dimensions of accessories

Installation frame (-ER1/-ER2)

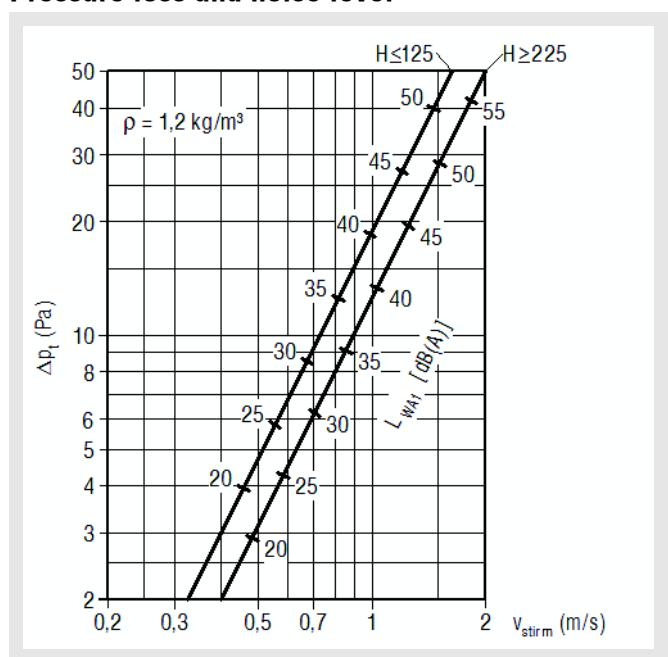


Length $L \leq 825 \text{ mm} = 4$ wall anchors

Length $L > 825 \text{ mm} = 6$ wall anchors

Technical data

Pressure loss and noise level



Correction factor (KF)

A_{stirn} (m ²)	0,021	0,026	0,033	0,042	0,053	0,066	0,080
KF (-)	-9	-8	-7	-6	-5	-4	-3

A_{stirn} (m ²)	0,100	0,130	0,160	0,210	0,260	0,333	0,404
KF (-)	-2	-1	0	+1	+2	+3	+4

$$L_{WA} = L_{WA1} + KF$$

Face area (A_{stirn})

H (mm)	L (mm)						
	325	425	525	625	825	1025	1225
75	0,0156	0,0208	0,0260	0,0312	0,0416	0,0520	0,0624
125	0,0312	0,0416	0,0520	0,0624	0,0832	0,1040	0,1248
225	0,0612	0,0816	0,1020	0,1224	0,1632	0,2040	0,2448
325	0,0912	0,1216	0,1520	0,1824	0,2432	0,3040	0,3648
425	0,1212	0,1616	0,2020	0,2424	0,3232	0,4040	0,4848
A_{stirn} (m ²)							

Free cross-section (FQ)

H (mm)	L (mm)						
	325	425	525	625	825	1025	1225
75	0,0038	0,0052	0,0065	0,0078	0,0103	0,0129	0,0155
125	0,0116	0,0155	0,0193	0,0232	0,0309	0,0386	0,0463
225	0,0270	0,0361	0,0451	0,0541	0,0721	0,0902	0,1082
325	0,0425	0,0567	0,0708	0,0850	0,1133	0,1417	0,1700
425	0,0580	0,0773	0,0966	0,1159	0,1546	0,1932	0,2319
FQ (m ²)							

Legend

- v_{stirn} (m/s) = Intake velocity, blower stream velocity, out-flow velocity, relative to A_{stirn}
- Δp_t (Pa) = Pressure loss
- ρ (kg/m³) = Density
- L_{WA1} [dB(A)] = A-weighted sound power level, relative to A_{stirn} , $= 0,160 \text{ m}^2$
- L_{WA} [dB(A)] = A-weighted sound power level ($L_{WA} = L_{WA1} + KF$)
- A_{stirn} (m²) = Face area
- FQ (m²) = Free cross-section
- KF (-) = Correction factor
- L (mm) = Length
- H (mm) = Height

Sight-proof transfer grille SGA

Order code SGA

01	02	03	04	05	06	07
Type	Length	Height	Paint	Mounting	Matching frame	Installation frame
Example						
SGA	-0625	-125	-ELOX	-SM	-GR1	-ER0

All fields must be filled when ordering

Sample

SGA-0625-125-ELOX-SM-GR1-ER0

Sight-proof transfer grille type SGA | grille length 625mm | grille height 125mm | natural colour anodised | with screw mounting | with matching frame | without installation frame

ORDER DETAILS

01 - Type

SGA = Sight-proof transfer grille type SGA

02 - Length

0325 = Grille length 325 mm

0425 = Grille length 425 mm

0525 = Grille length 525 mm

0625 = Grille length 625 mm

0825 = Grille length 825 mm

1025 = Grille length 1025 mm

1225 = Grille length 1225 mm

03 - Height

075 = Grille height 75 mm

125 = Grille height 125 mm

225 = Grille height 225 mm

325 = Grille height 325 mm

425 = Grille height 425 mm

04 - Paint

ELOX = natural colour anodised (E6/EV1) (standard)

9010 = RAL9010 (white)

xxxx = RAL colour can be freely selected (always with 4 digits)

05 - Mounting

SM = Screw mounting (standard)

06 - Matching frame

GR0 = without matching frame

GR1 = with matching frame

07 - Installation frame

ER0 = Without installation frame (standard)

ER1 = with installation frame

ER2 = With installation frame with wall anchors

Specification texts

Sight-proof transfer grille type SGA especially for installation in doors and walls, consisting of cover frames with inserted overlapping V-shaped profiled blades for complete privacy. The cover frame and the blades are made from aluminium natural colour anodised (E6/EV1) and can be painted upon request to RAL 9010 (white) or with a special paint at an extra charge.

Product: SCHAKO **type SGA**

Accessories:

- Matching frame (-GR1)
 - Aluminium natural colour anodised E6/EV1
 - Aluminium painted to RAL 9010 (white)
 - Painted aluminium special paint (at an extra charge)
- Installation frame (-ER1) made of electrolytically galvanised sheet steel
 - With wall anchors (-ER2)