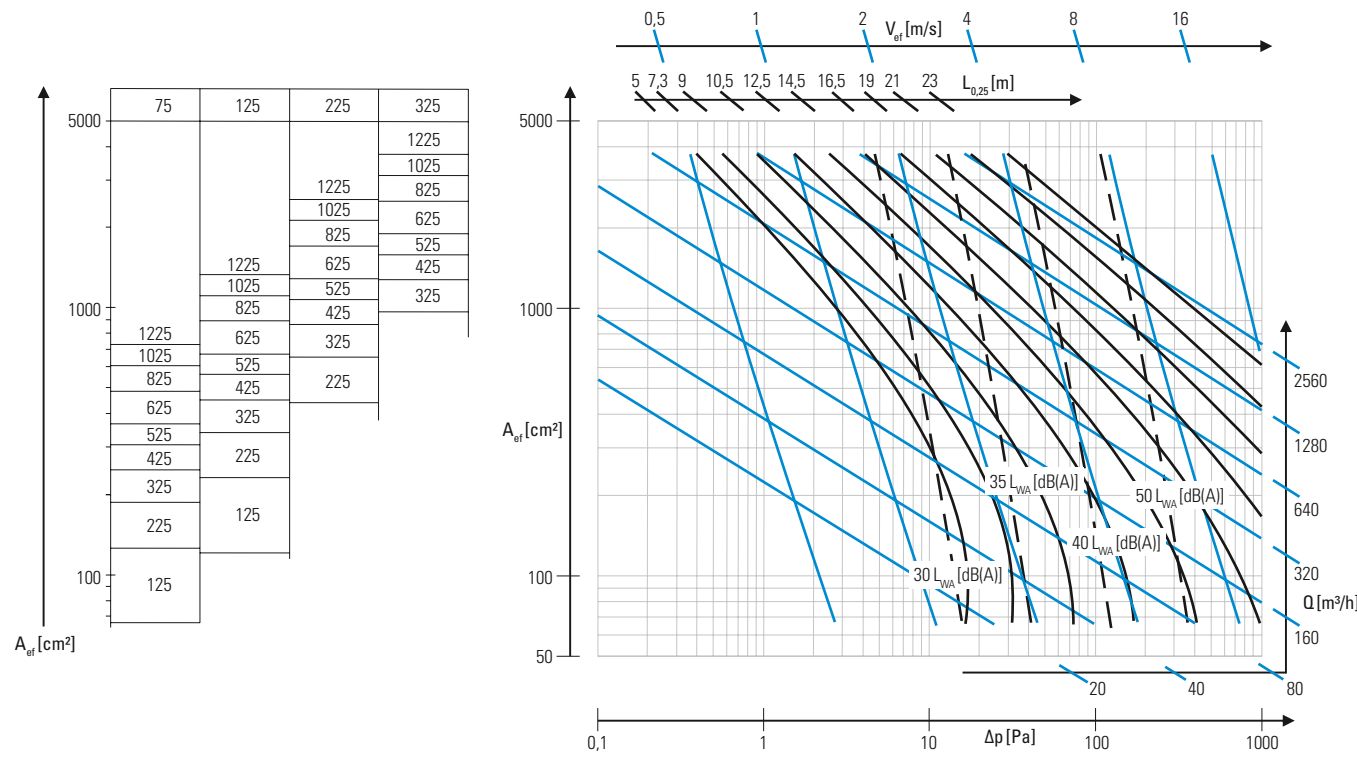


Diagram for selection for grilles KSH/Ø, KSV/Ø for circular profile air ducts

Relation of pressure loss (Δp), maximum stream velocity (V_{ef}), a range of velocity stream $V=0.25$ m/s ($L_{0.25}$) and a level of acoustic power (L_{wa}) from air stream volume (Q).

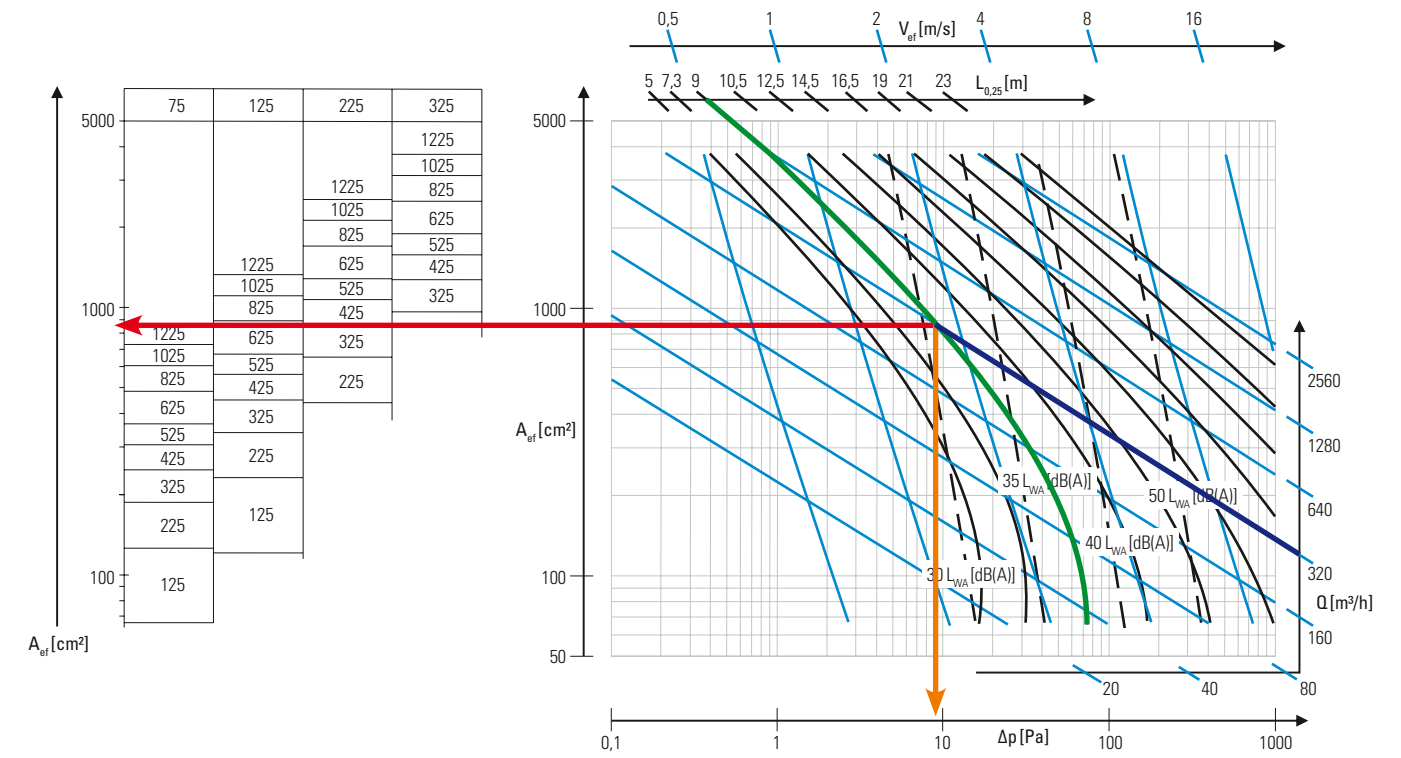
$L_{0.25}$ range means distance, by which air velocity does not exceed 0.25 m/s.
 V_{ef} velocity means the maximum air exhaust velocity from a grille measured at the outlet.
 Chart concerns grilles with a totally open damper of type SK.



Production range:

L (mm)	H (mm)	Advisable wire diameter (mm)
225	75	150-400
325		
425		
525		
625		
825		
1025	125	300-900
1225		
225		
325	160	500-1200
425		
525		
625	225	600-2400
825		
1025		
625	325	900-2400
825		
1025		

Instructions for diagram selection of grilles KSV/Ø, KSV/Ø



Example (colours adequate to lines):

- Air stream range $Q = 320$ m³/h
- Range $L_{0.25} = 9$ m

Diagram reading:

- Grille selection: 125x625 or 225x425
- $A_{ef} = 850$ cm²
- Pressure loss: 9.5 Pa
- Maximum outlet velocity: 1.8 m/s