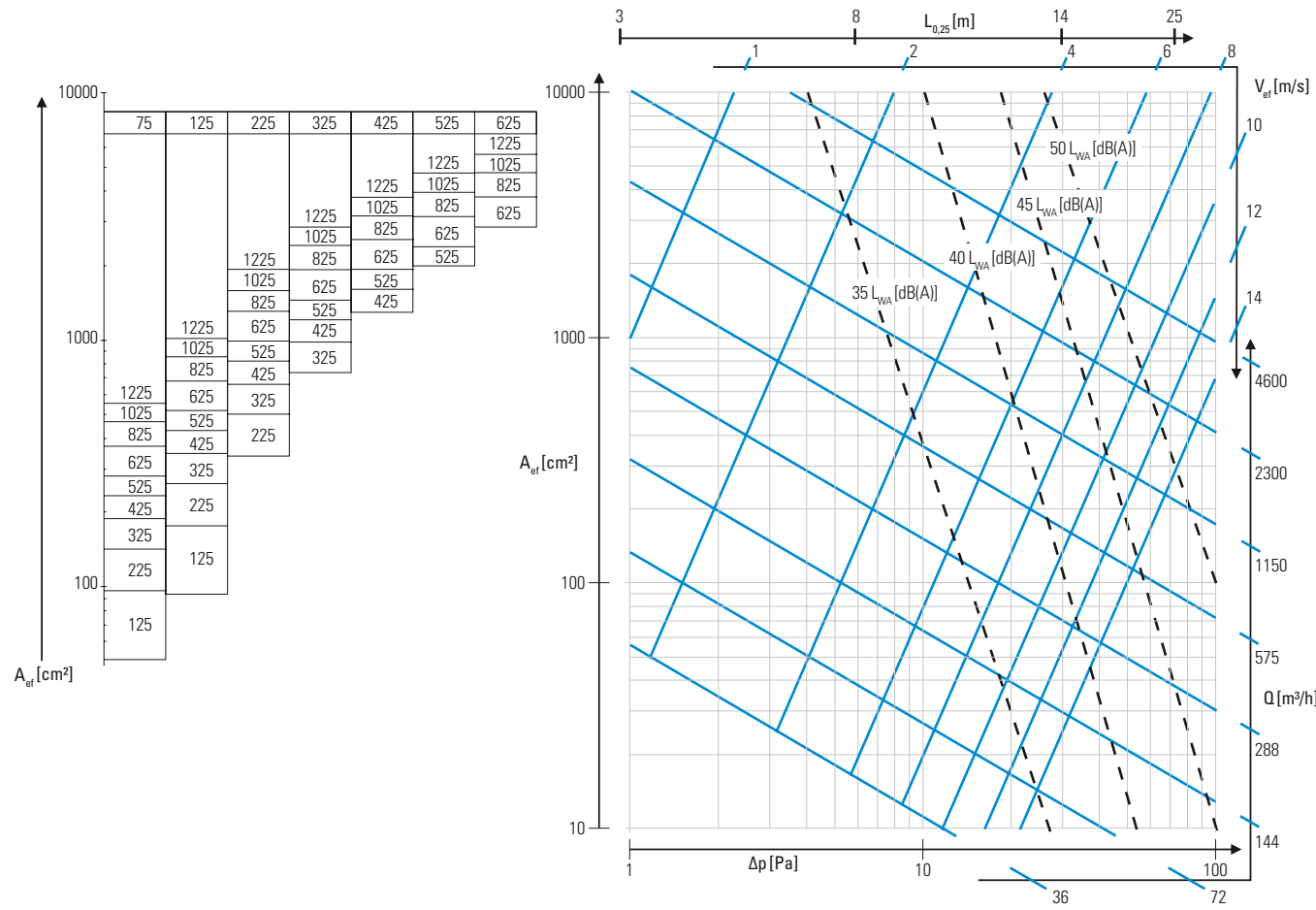


Diagram for selection of grilles KSH, KSV for rectangular profile air ducts

Relation of pressure loss ( $\Delta p$ ), 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).

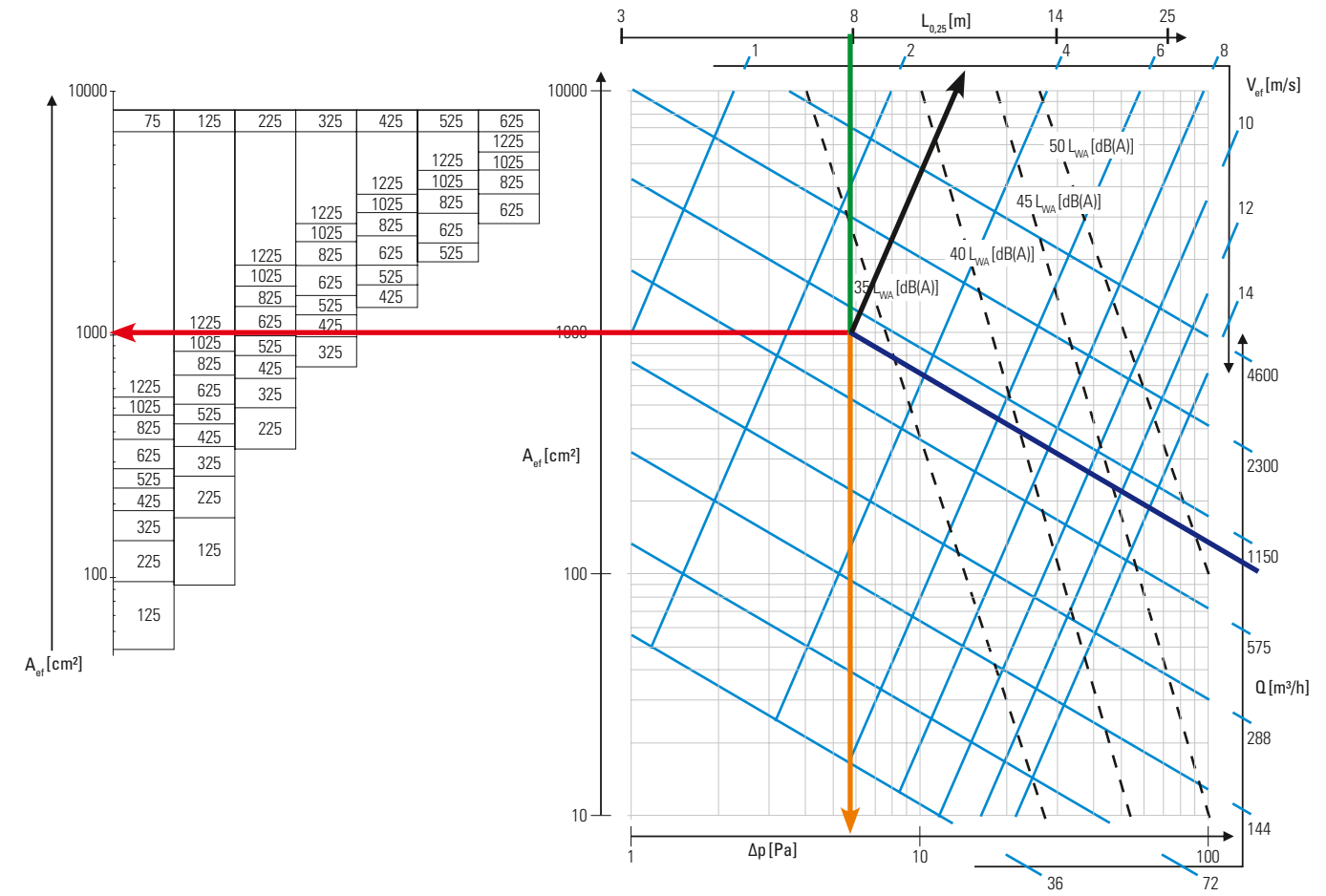
$L_{0.25}$  range means distance, by which air velocity does not exceed 0,25 m/s.  
 $V_{ef}$  velocity means the maximum air exhaust velocity from a grille measured at the outlet.  
 Chart concerns only grilles with open dampers.



Production range:

| L mm \ H mm | 75 | 100 | 125 | 160 | 200 | 225 | 300 | 315 | 325 | 400 | 425 | 500 | 525 | 600 | 625 | 800 | 825 | 1000 | 1025 | 1200 | 1225 |  |
|-------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|--|
| 75          |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 100         | +  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 125         | +  | +   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 160         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 200         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 225         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 300         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 315         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 325         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 400         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 425         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 500         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 525         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 600         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |
| 625         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |  |

Instructions for selection of grilles KSH, KSV



Example (colours adequate to lines):

- Air stream range Q = 1000 m<sup>3</sup>/h
- Range  $L_{0.25}$  = 8 m

Diagram reading:

- Grille selection: 125x1225, 225x625 or 325x425
- $A_{ef}$  = 1000 cm<sup>2</sup>
- Pressure loss: 6 Pa
- Maximum outlet velocity: 2.8 m/s