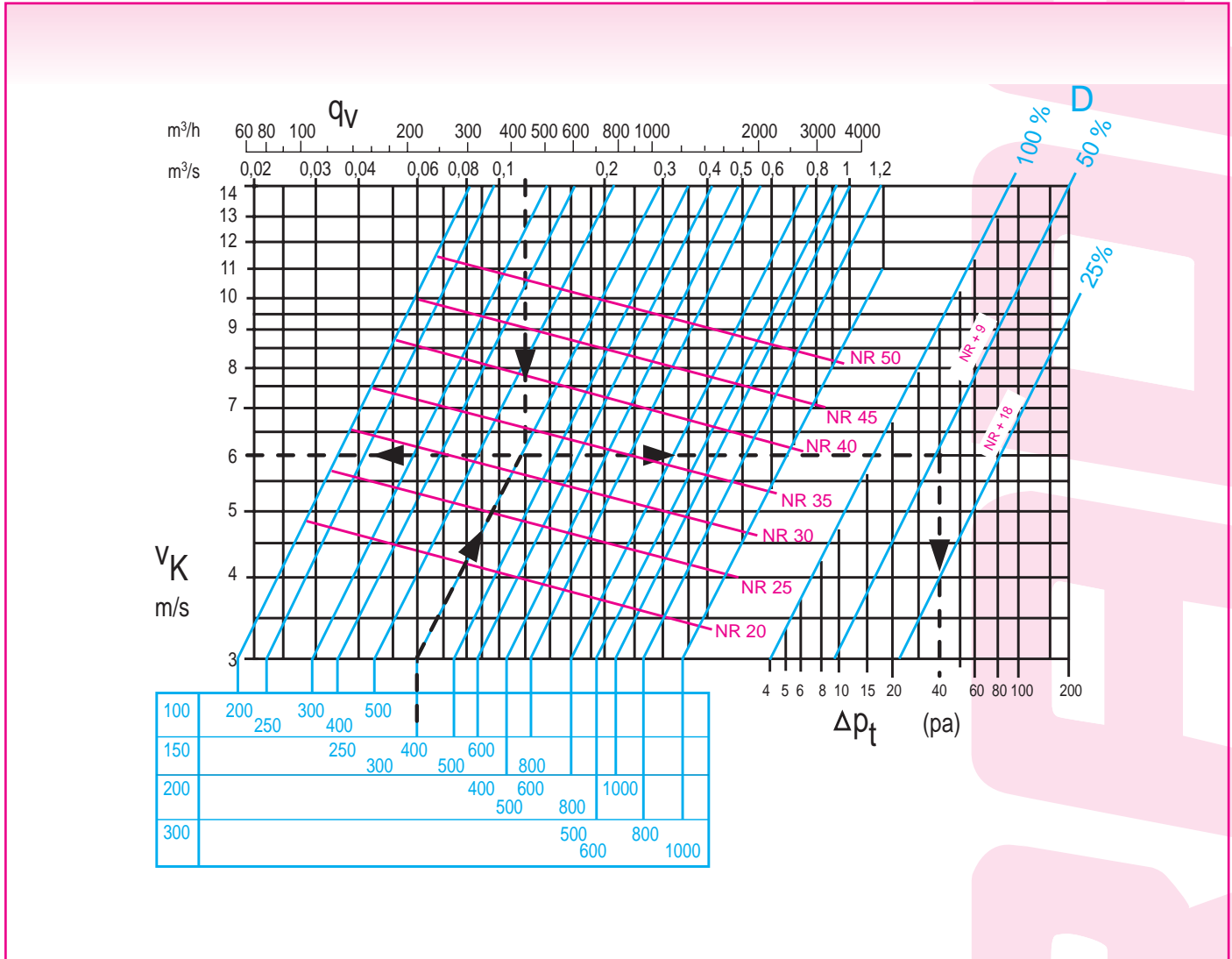
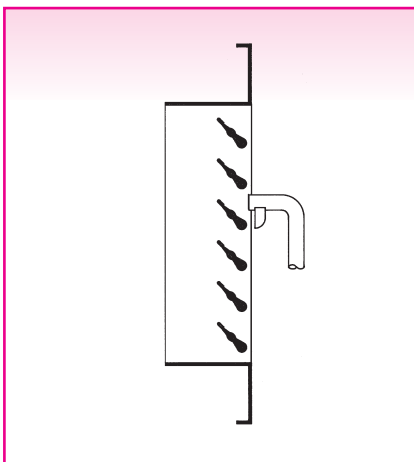


**EXHAUST GRILLE WITH FIXED VANES  
A-170 • G-170**

**Selection diagram - exhaust**



**Air flow rate measurement-  
exhaust**



Velometer jet: 2220 A of 6070

H (mm)	A <sub>k</sub> -values (m²)							
	L (mm)							
	200	250	300	400	500	600	800	1000
100	0,006	0,007	0,010	0,012	0,015	—	—	—
150	—	0,012	0,015	0,020	0,025	0,029	0,041	—
200	—	—	—	0,029	0,035	0,041	0,055	0,071
300	—	—	—	—	0,055	0,065	0,087	0,110

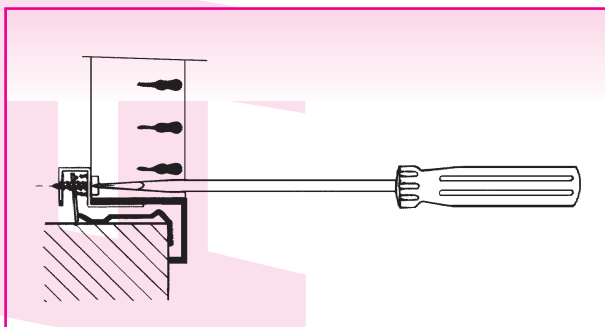
**Example**

- Exhaust air flow rate  $q_v = 0,12 \text{ m}^3/\text{s}$
- Grille 400 x 150 mm
- Air velocity  $v_K = 6 \text{ m/s}$
- Noise level = NR 32
- Total pressure loss with damper 50 % open:  $\Delta p_t = 40 \text{ Pa}$
- Noise level correction  $\text{NR } 32 + 9 = \text{NR } 41$

**Screw hole location in the frame**

L \ H	200	250	300	400	500	600	800	1000	1200-1500
100	A	A	A	A	A	C	C	C	D
150		A	A	A	A	C	C	C	D
200				B	B	C	C	C	D
300					B	C	C	C	D

**Fixing method concealed screw fixing**



**Mullion location A-170 • G-170**

