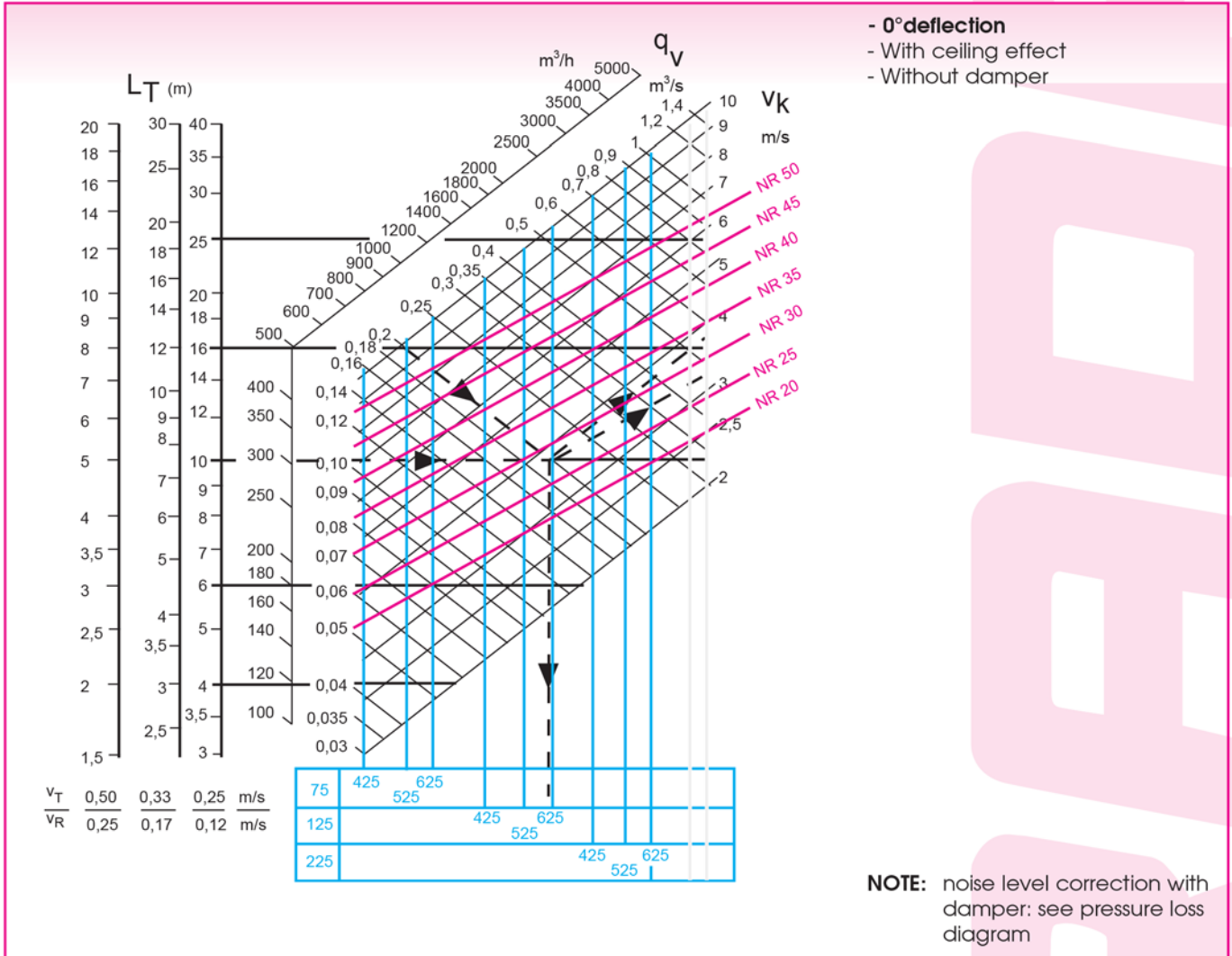
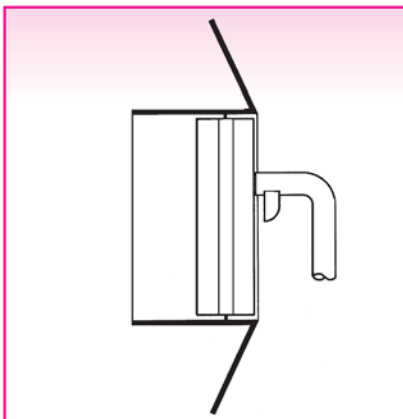


**GRILLE FOR CIRCULAR DUCTS
SF130 • galvanized**

Selection diagram - supply



**Air flow rate measurement
supply-exhaust**



Velometer jet 2220 A or 6070

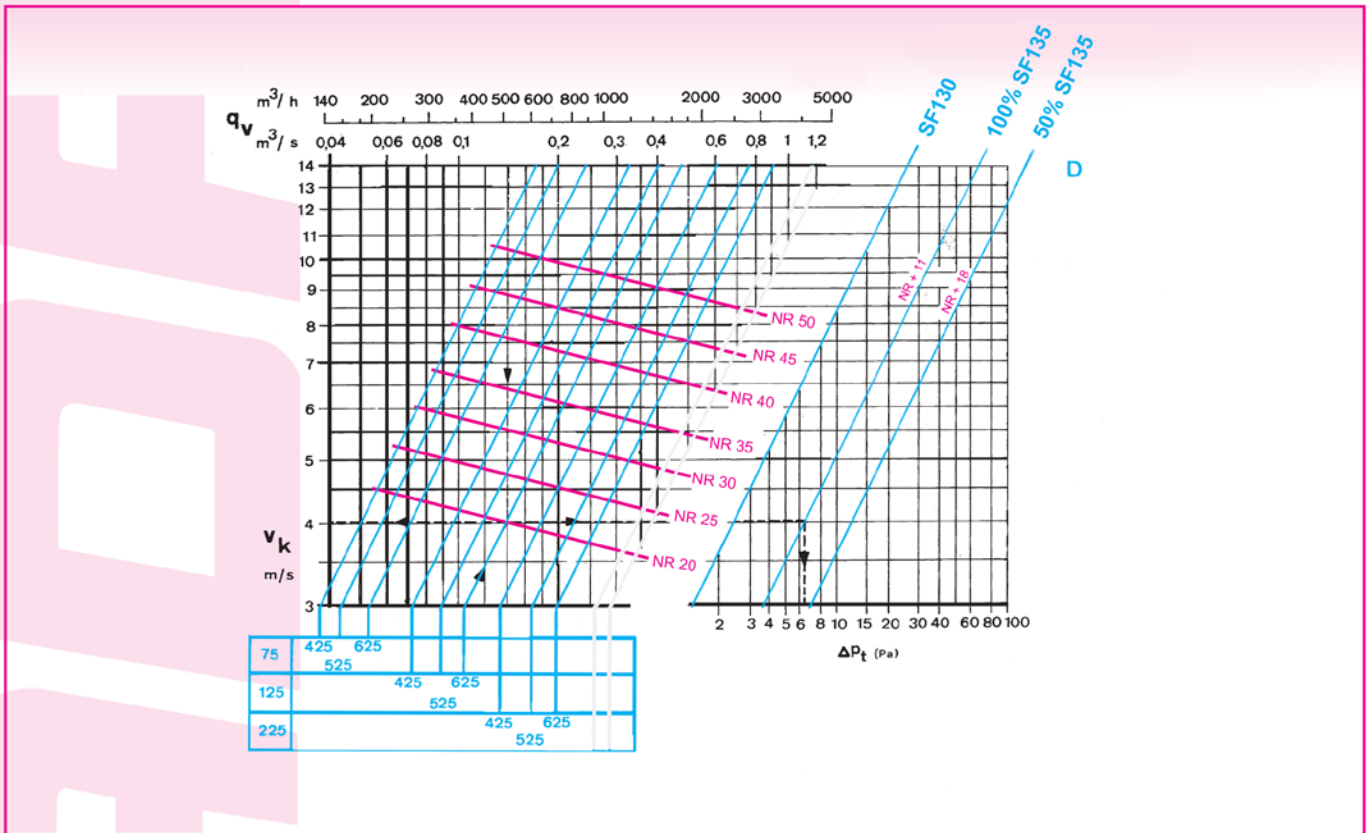
A _k - values supply (m ²)			
H (mm)	L (mm)		
	425	525	625
75	0,015	0,020	0,024
125	0,034	0,044	0,053
225	0,069	0,086	0,102

Correction factors

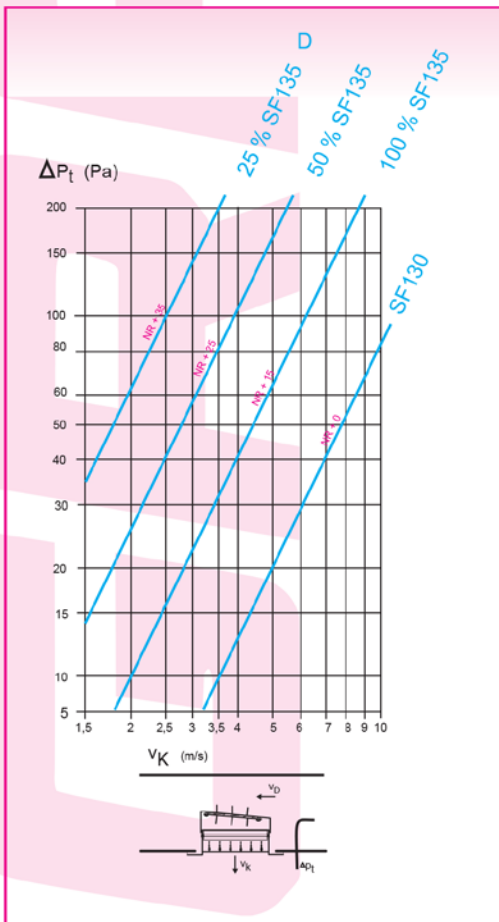
Throw correction factor L_T without ceiling effect

Distance between ceiling and supply grille	Correction
M 0,9 m	L _T x 0,75

Selection diagram - exhaust



Pressure loss - supply



A _k - values exhaust (m ²)			
H (mm)	L (mm)		
	425	525	625
75	0,012	0,014	0,017
125	0,023	0,029	0,034
225	0,044	0,055	0,066

Example - exhaust

- Exhaust air flow rate $q_v = 0,14 \text{ m}^3/\text{s}$
- Grille: SF135 625 x 125 mm
- Air velocity $v_k = 4 \text{ m/s}$
- Noise level NR 20
- Total pressure loss with damper 100 % open: $\Delta p_t = 6,5 \text{ Pa}$
- Correction on noise level: NR 20 + 11 = NR 31