

PVC 3-slot linear diffusers

DL SERIES PVC 3-SLOT LINEAR DIFFUSERS



view of a cut speaker

CARATTERISTICHE

Slotted linear diffuser with directional nozzle terminals (series -DL/3A---) or without directional nozzles (-DL/3B---B series).

Materiali di costruzione

- Per il telaio-cornice: PVC anticondensa.
- For directional nozzles and their supports (for -DL/3A---): ABS

Color

- For the frame-frame: white RAL 9010.
- For directional nozzles and their supports (for the -DL/3A--- series): black RAL 9005.
- For directional nozzles and their supports (for the -DL/3A---B series): white RAL 9010.

Degree of extinction

Class V0.

Operating temperature

-30°C/+60°C.

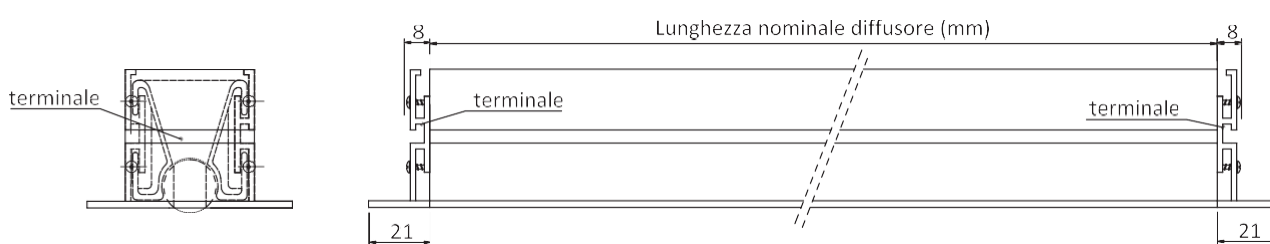
Fixing method

Variable depending on the plenum to which the diffuser is associated.

ACCESSORIES (optional)

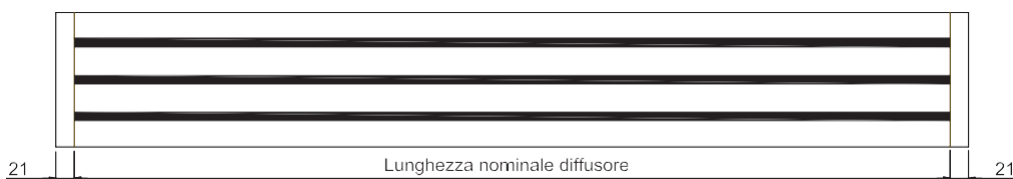
- ADF-EASYP series anti-condensation PVC plenum (see related data sheet).
- PVC anti-condensation sliding dampers ADF-S/04 series (only in combination with PVC plenum).
- Plenum made of expanded polyisocyanurate PAL/04 series.
- Sheet metal sliding dampers series -S/04 (not suitable for PVC plenums).

GENERIC DIMENSIONAL



VISTA LONGITUDINALE DI DIFFUSORE mod. DL [con terminali]

N.B.: lunghezza minima-max del plenum del diffusore = lunghezza nominale + 20+25 mm



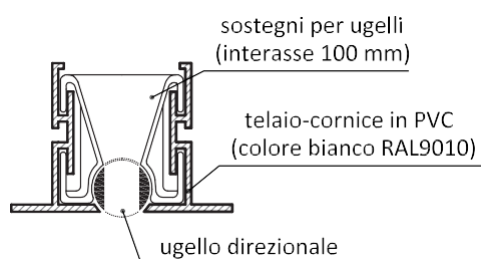
VISTA FRONTALE - modello DL [con terminali]

(in particolare è rappresentato un modello a 3 feritoie)

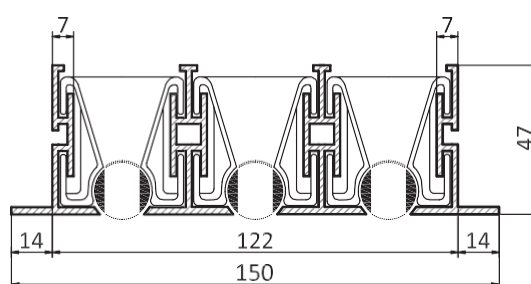
QUICK SELECTION TABLE

Code	Number of slits	Diffuser length [mm]	Effective area [m ²]	Flow rate (m ³ /h) with v = 1 m/s Pressure drop: 2 Pa	Flow rate (m ³ /h) with v = 2 m/s Pressure drop: 4 Pa	Flow rate (m ³ /h) with v = 2.5 m/s Pressure drop: 6 Pa	Flow rate (m ³ /h) with v = 3 m/s Pressure drop: 9 Pa	Flow rate (m ³ /h) with v = 4 m/s Pressure drop: 13 Pa
-DL/3A600_	3	600	0.0270	97	194	243	291	388
-DL/3A800_	3	800	0.0360	130	260	325	390	520
-DL/3A1000_	3	1000	0.0450	162	324	405	486	648
-DL/3A1200_	3	1200	0.0540	195	390	488	585	780
-DL/3A1600_	3	1600	0.0720	260	520	650	780	1040
-DL/3A2000_	3	2000	0.0900	324	648	810	972	1296

SECTIONAL DRAWINGS



SEZIONE descrittiva



SEZIONE modello a 3 feritoie

Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 600 mm a 1, 2, 3, 4 feritoie

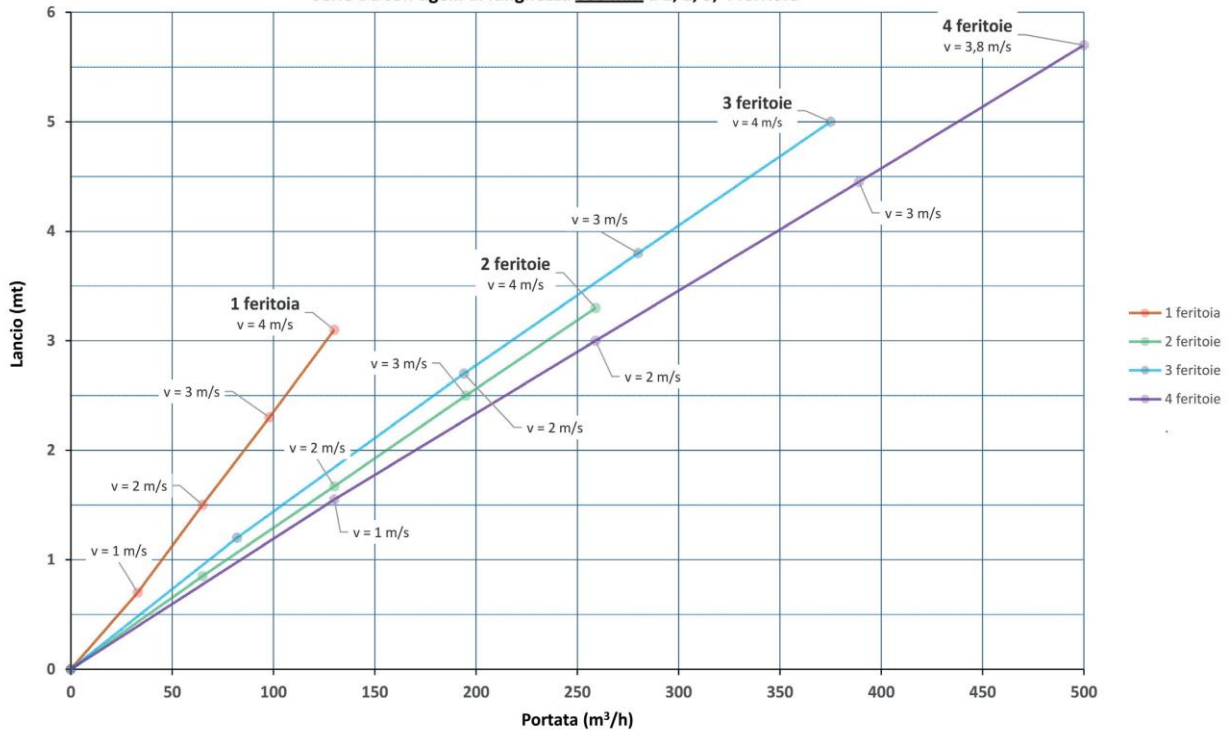


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 800 mm a 1, 2, 3, 4 feritoie

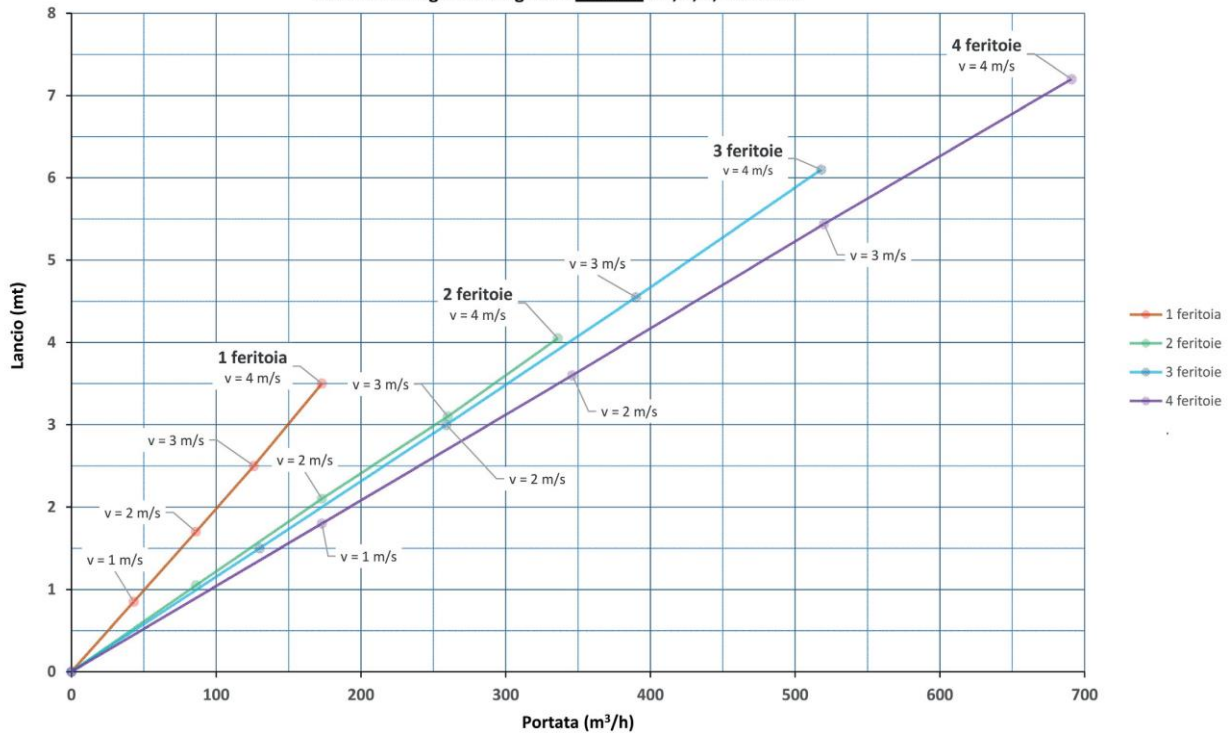
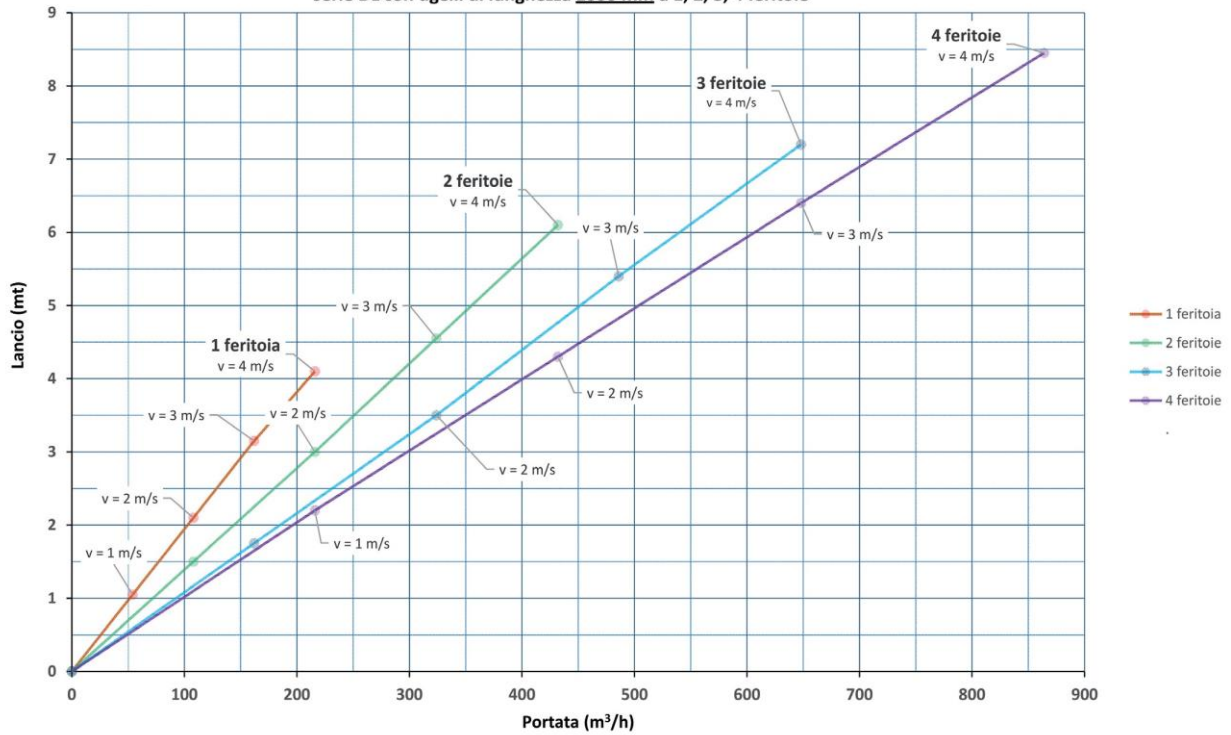
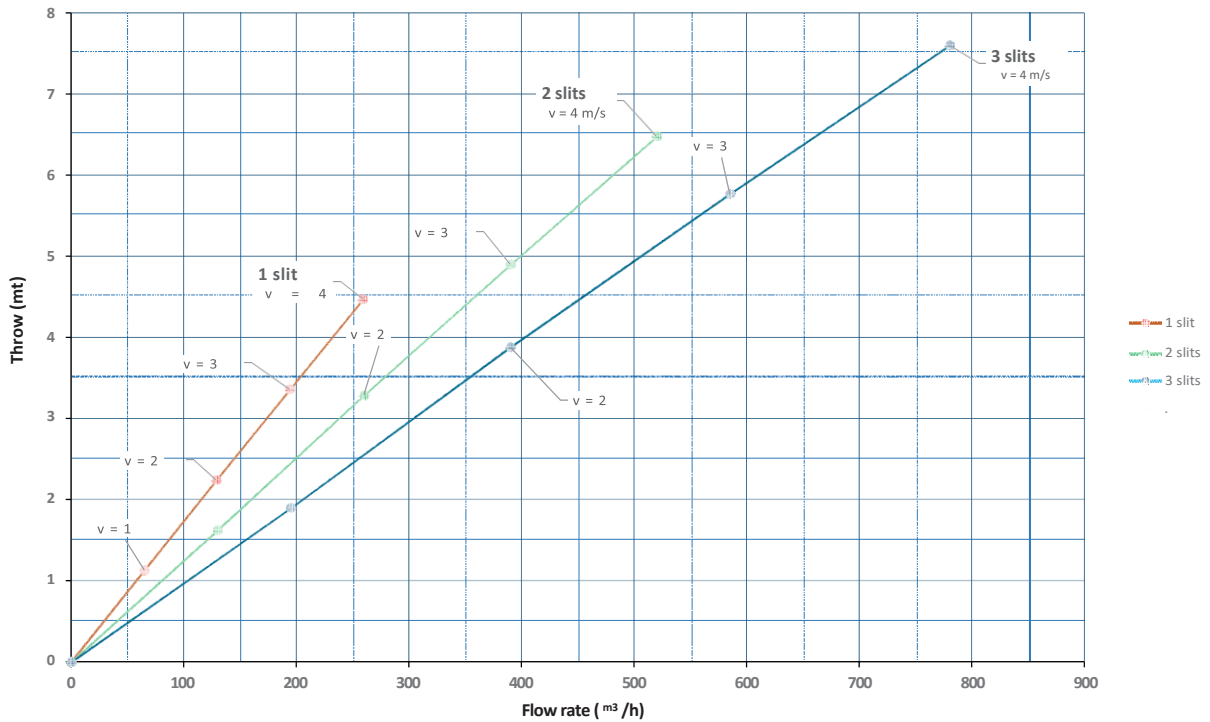


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 1000 mm a 1, 2, 3, 4 feritoie



Launch graph (in meters, at terminal velocity of 0.25 m/s) of the DL series linear diffusers with nozzles of length 1200 mm with 1, 2, 3 slots



GRAPHI

Launch graph (in meters , at terminal velocity of 0 , 25 m/s) of the DL series linear diffusers with nozzles of length 1600 mm to 1, 2, 3 slits

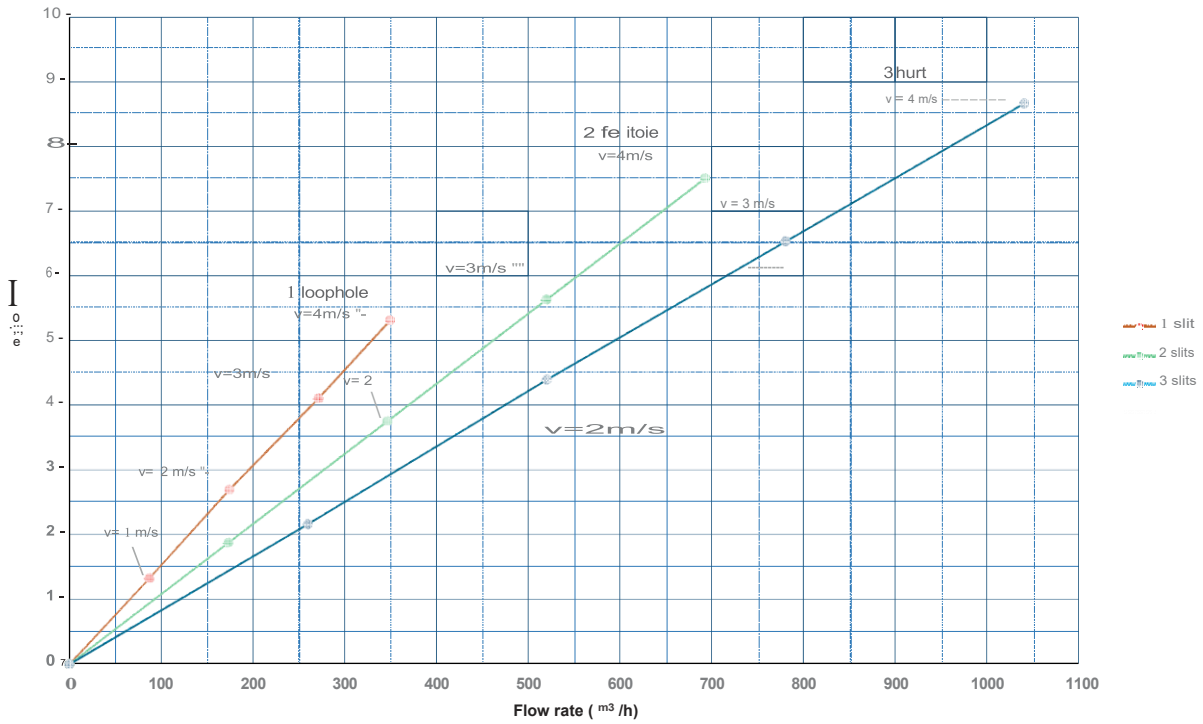
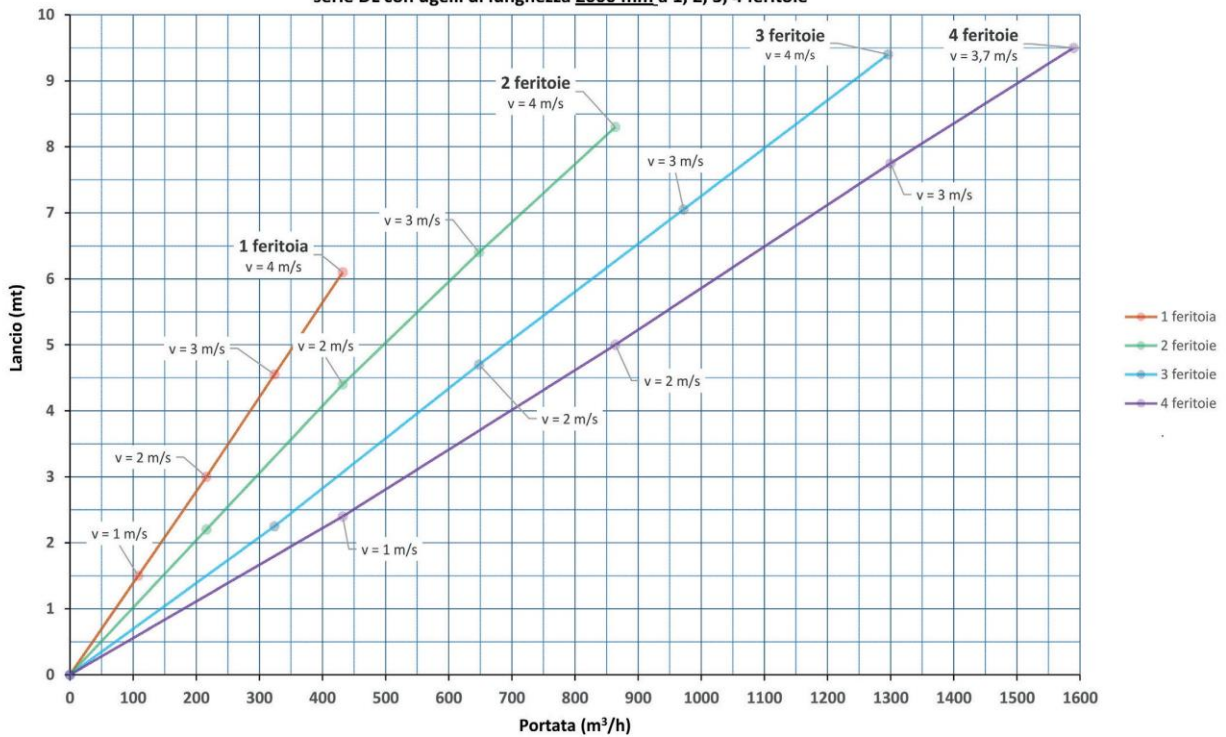


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 2000 mm a 1, 2, 3, 4 feritoie



REV 10/202