

# Linear diffuser without 1-slot terminals

## LINEAR DIFFUSER WITHOUT 1-SLOT TERMINALS



### CARATTERISTICHE

Diffusore lineare a feritoie per l'installazione in linee continue, senza terminali [i terminali sono accessorio a parte per inizio e fine della linea continua], a ugelli direzionali (serie DLK/-A\*\*\_) oppure senza ugelli direzionali (serie DLK /-B\*\*\_).

#### Materiali di costruzione

- Per il telaio-cornice: PVC anticondensa.
- Per ugelli direzionali e relativi sostegni (per la serie DLK/-A\*\*\_): ABS.

#### Color

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

#### Degree of extinction

Class V0.

#### Operating temperature

-30°C/+60°C.

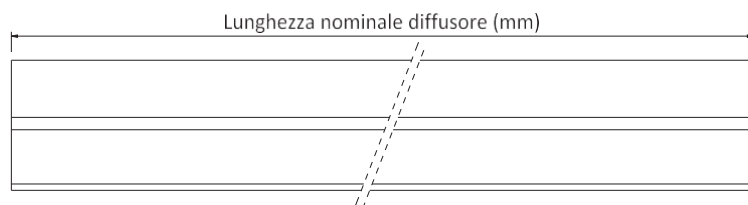
#### Fixing method

- For diffusers (modules) to each other: FIXING of DLKs (plug-in accessory, by the customer), which consists of a series of hooks that engage in the frame of the diffusers to be joined.
- For fixing the diffuser on the plenum: bracket kit mod. ST/04 (separate accessory, with screws) consisting of brackets that attach, in turn, to brackets already prepared on continuous PAL plenum.

### ACCESSORIES

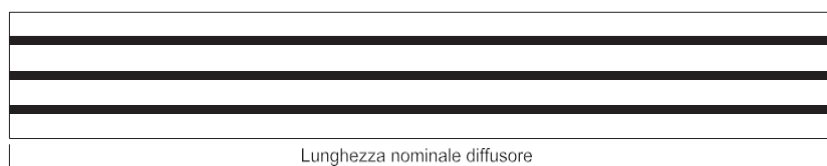
- Sheet metal sliding calibration damper mod. S/04- (see datasheet. related),
- PVC terminal mod. T-, provided already fixed on either end of the line,
- PVC corner terminal for diffuser with nozzles mod. TA-,
- Corner PVC terminal for nozzle-less diffuser mod. TB-,
- Fixing DLK modules to each other mod. FIXING -,
- Bracket kit (for fixing diffuser on plenum in PAL) mod. ST/04 ,
- Polyisocyanurate foam plenum mod. PAL/04.

### DIMENSIONS



VISTA LONGITUDINALE DI DIFFUSORE mod. DLK [senza terminali]

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



VISTA FRONTALE - modello DLK [senza terminali]

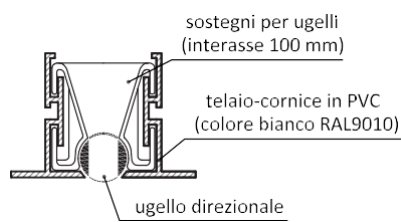
(in particolare è rappresentato un modello a 2 feritoie)

## QUICK SELECTION TABLE

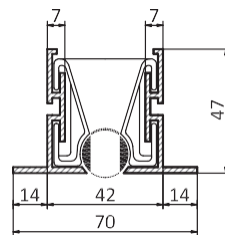
Code	Number of slits	Diffuser length [mm]	Effective area [m <sup>2</sup> ]	Flow rate (m <sup>3</sup> /h) with v = 1 m/s	Flow rate (m <sup>3</sup> /h) with v = 2 m/s	Flow rate (m <sup>3</sup> /h) with v = 2.5 m/s	Flow rate (m <sup>3</sup> /h) with v = 3 m/s	Flow rate (m <sup>3</sup> /h) with v = 4 m/s
				Pressure drop: 2 Pa	Pressure drop: 4 Pa	Pressure drop: 6 Pa	Pressure drop: 9 Pa	Pressure drop: 13 Pa
DLK/1A600_	1	600	0.0090	33	65	83	99	132
DLK/1A800_	1	800	0.0120	43	86	108	129	172
DLK/1A1000_	1	1000	0.0150	54	108	135	162	216
DLK/1A1500_	1	1500	0.0220	81	161	202	242	323
DLK/1A2000_	1	2000	0.0300	108	216	270	324	432

(\*) Calculated for models equipped with directional nozzles - letter A in the code - and with the condition of fully open slots.

## SECTIONAL DRAWINGS



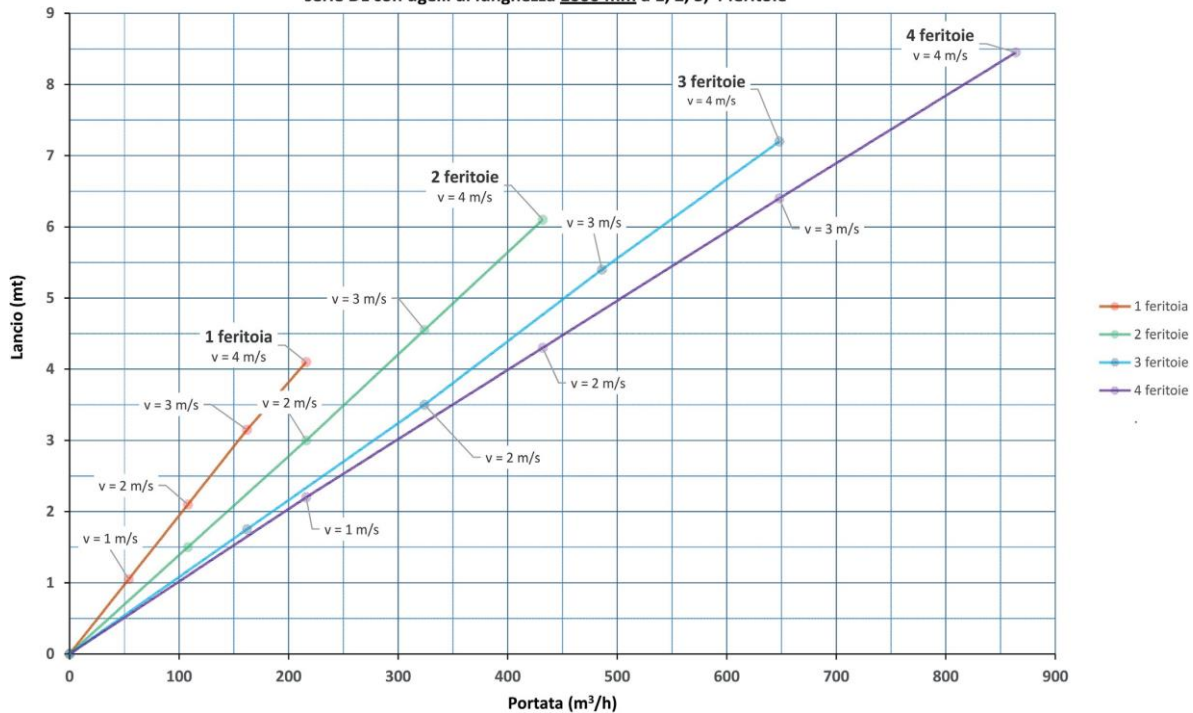
SEZIONE descrittiva



SEZIONE modello a 1 feritoia

## GRAPHICS

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) linear diffusers series DL with nozzles of length 1600 mm with 1, 2, 3 slots

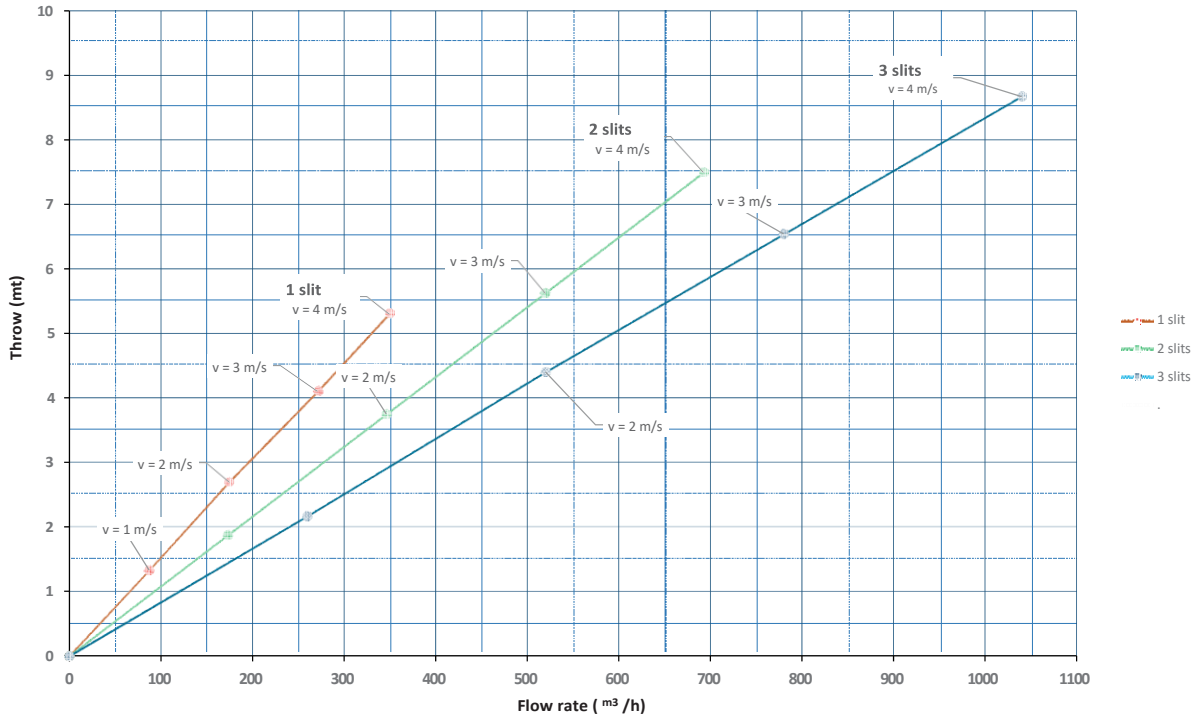


Grafico del lancio (in metri, a velocità terminale di 0,25 m/s) dei diffusori lineari serie DL con ugelli di lunghezza 2000 mm a 1, 2, 3, 4 feritoie

