



*Trasporti pneumatici
per granulari*

*Transports pneumatiques
pour matériel granulaire*

*Pneumatic conveyance
for granulated materials*



ROLDAS

La tradizione si rinnova.

Ventilatori ROL

Ventilateurs ROL
ROL fans

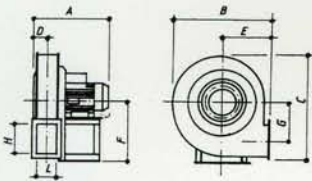


Costituiti da un rotore con pale ad alto rendimento collocato all'interno di una chiocciola d'acciaio stampato in due gusci; usati nei trasporti pneumatici fino a 15 ton./h. Questi ventilatori, dato l'elevato volume d'aria adatto al trasporto di materiali granulari, sono adattabili a molteplici tipologie d'impianto.

Ils sont constitués d'un rotor avec une pale à haut rendement située à l'intérieur d'un écrou en acier estampé dans deux coques; ils sont indiqués pour la ventilation, le séchage et le refroidissement dans les transports pneumatiques jusqu'à 15 tonnes/h. Ces ventilateurs, vu le volume d'air élevé adapté au transport de matériaux granulaires, peuvent être adaptées à de multiples typologies d'installation.

They consist of a rotor with high efficiency blades located inside a two-shell pressed steel scroll; they are suitable for the ventilation, the drying and the cooling in pneumatic conveyors up to 15 ton/h.

These fans, thanks to the high air volume which is suitable for the conveyance of granulated materials, can be applied to different plant types.



| MOD. | A | B | C | D | E | F | G | H | L | HP | KW |
|---------|-----|------|------|----|-----|-----|-----|-----|-----|-----|-----|
| ROL 20 | 400 | 580 | 660 | 80 | 280 | 375 | 230 | 180 | 125 | 2 | 1,5 |
| ROL 40 | 470 | 650 | 710 | 90 | 315 | 400 | 265 | 200 | 140 | 4 | 3 |
| ROL 55 | 500 | 735 | 800 | 80 | 355 | 450 | 310 | 180 | 125 | 5,5 | 4 |
| ROL 75 | 560 | 930 | 1000 | 71 | 425 | 560 | 420 | 160 | 112 | 7,5 | 5,5 |
| ROL 100 | 575 | 1000 | 1120 | 80 | 475 | 630 | 470 | 180 | 125 | 10 | 7,5 |
| ROL 150 | 725 | 1120 | 1250 | 90 | 530 | 710 | 530 | 200 | 140 | 15 | 11 |

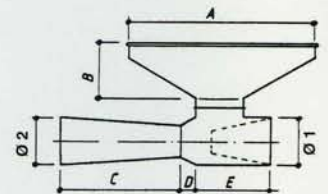
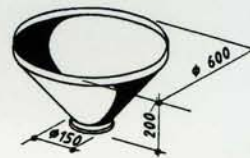
Iniettori RL

Injecteurs RL
RL Injectors

Sfruttando il principio Venturi è possibile immettere prodotto direttamente nella tubazione.

En profitant du principe Venturi il est possible de introduire le produit directement dans les conduites.

Taking advantage of Venturi principle it is possible run products directly in the piping.



| Ø 1 | Ø 2 | A | B | C | D | E |
|-----|-----|-----|-----|-----|----|-----|
| 150 | 100 | 600 | 200 | 485 | 40 | 180 |
| 150 | 150 | 600 | 200 | 400 | 40 | 180 |

Cycloni

Cyclones
Cyclones

I cycloni devono essere scelti in base al diametro della tubazione e al materiale da trasportare.

Les cyclones doivent être choisis en fonction du diamètre de la tubulure et du matériau à transporter

The cyclones must be chosen according to the pipe diameter and to the material to be conveyed.



| MOD. | Ø A | Ø B | Ø C | Ø D | Ø E | Ø F |
|------|-----|-----|-----|-----|------|-----|
| 1 | 450 | 150 | 100 | 100 | 450 | 220 |
| 2 | 600 | 275 | 150 | 150 | 270 | 265 |
| 3 | 600 | 275 | 150 | 150 | 1000 | 265 |
| 4 | 800 | 275 | 200 | 200 | 780 | 450 |
| 5 | 600 | 275 | 200 | 150 | 540 | 265 |
| 6 | 600 | 275 | 150 | 150 | 600 | 265 |

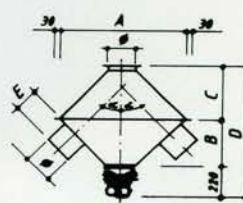
Distributori

Distributeurs
Distributors

È possibile costruire distributori su misura da 4 a 12 vie su tutti i diametri standard. A richiesta vengono forniti anche distributori a tenuta ermetica.

Il est possible construire des distributeurs sur mesure de 4 à 12 voies sur tous les diamètres standards. On peut aussi fournir, sur demande, des distributeurs hermétiques.

It is possible to supply distributors from 4 to 12 ways for all the standard diameters. Upon request also airtight distributors can be supplied.



| MOD. | A | B | C | D | E | F | G | H |
|------|-----|---|-----|-----|-----|-----|-----|-----|
| 150 | 150 | 4 | 610 | 200 | 270 | 470 | 150 | 45° |
| 200 | 200 | 4 | 620 | 205 | 235 | 440 | 150 | 45° |



Tubazioni di condotta per molini, mangimifici e industrie affini. Disponibili a magazzino nei diametri: 105-120-150-200-300 mm (spessori: 10/10, 15/10, 20/10 con speciale verniciatura a fuoco).

Tubulures de conduite pour es moulins, les usines d'aliments pour animaux et les industries similaires. Elles sont disponibles dans les

diamètres suivants: 105-120-150-200-300 mm. (épaisseur: 10/10, 15/10, 20/10 avec vernissage au feu spécial).

Pipes for mills, feed factories and similar industries.

They are available in the following diameters: 105-120-150-200-300 mm. (thickness: 10/10, 15/10, 20/10) with a special stoving.

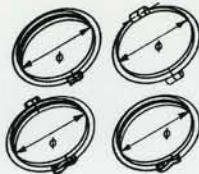
Anelli di giunzione

Anneaux de jonction
Joining rings

Anelli di giunzione zincati disponibili anche in versione a sgancio rapido.

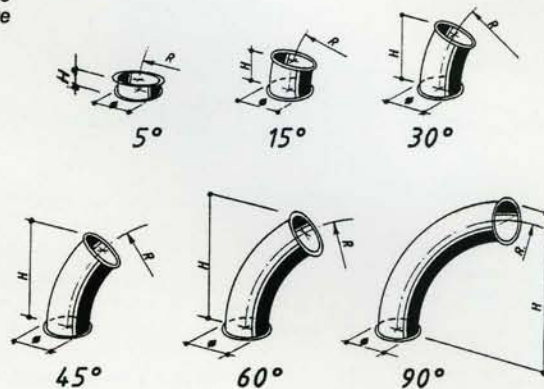
Les anneaux de jonction en zinc sont également disponibles en version à décrochage rapide.

These zinc plated joining rings are available also in the quick release version.



Curve

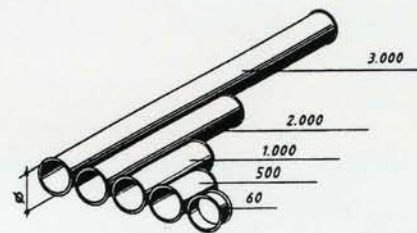
Curve
Curve



| | 5° | | 15° | | 30° | | 45° | | 60° | | 90° | |
|-------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOD. | R | H | R | H | R | H | R | H | R | H | R | H |
| Ø 100 | 300 | 20 | 300 | 90 | 300 | 175 | 300 | 245 | 300 | 305 | 300 | 330 |
| Ø 150 | 420 | 45 | 420 | 130 | 420 | 250 | 420 | 350 | 420 | 430 | 420 | 495 |
| Ø 200 | 340 | 40 | 340 | 115 | 340 | 220 | 340 | 310 | 340 | 380 | 340 | 440 |

Tubi dritti

Tubes droits
Straight pipes

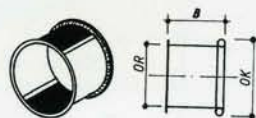


Diametri e lunghezze standard.
Diamètres et longueurs standards.
Standard diameters and length.

| | | | | | |
|-------|------|------|------|-----|----|
| Ø 100 | 3000 | 2000 | 1000 | 500 | 60 |
| Ø 150 | 3000 | 2000 | 1000 | 500 | 60 |
| Ø 200 | 3000 | 2000 | 1000 | 500 | 60 |

Adattatore per tubi OR con OK

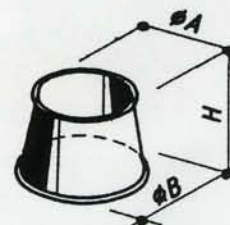
Adaptateur pour tubes OR avec OK
Adapter for OR pipes with OK



| OR | OK | B |
|-------|-----|----|
| Ø 100 | 160 | 50 |
| Ø 150 | 160 | 50 |
| Ø 200 | 210 | 50 |

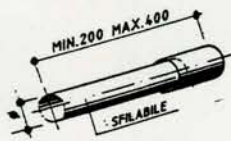
Riduzioni standard

Réduction standard
Standard reduction units



| A | B | H |
|-------|-------|-----|
| Ø 100 | Ø 150 | 100 |
| Ø 150 | Ø 200 | 100 |

Tubi telescopici
Tube télescopiques
Telescopic pipes



Ø 100 - 150 - 200

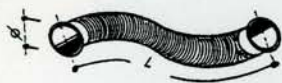
Serrande di regolazione
Bouchoir de réglage.
Regulation door.



C = Massimo ingombro a serranda aperta.
C = Encombrement maximum avec bouchoir ouvert.
C = Maximum dimensions when the door is open

| Ø | A | B | C |
|-----|-----|----|-----|
| 100 | 250 | 60 | 350 |
| 150 | 340 | 60 | 490 |
| 200 | 445 | 60 | 645 |

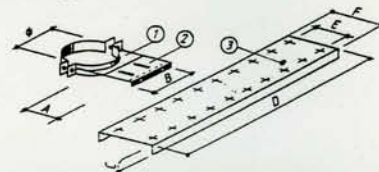
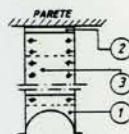
Tubi flessibili
Tuyaux
Flexible pipes



Ø 100 - 150 - 200

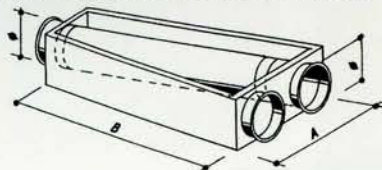
L = su richiesta
L = sur demande
L = on request

Piedino regolabile per fissaggio tubazioni e prolunga per anello di sospensione - Pied réglable pour le fixage des tubulures et rallonge pour l'anneau de suspension - Adjustable foot for the fastening of pipes and extension for the suspension ring.



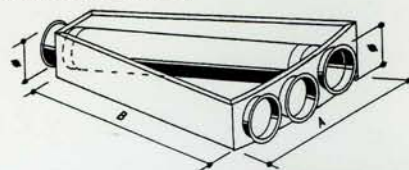
| Ø | A min. | A max. | B | C | D | E | F |
|-----|--------|--------|-----|----|------|----|-----|
| 100 | 100 | 150 | 100 | 10 | 1000 | 80 | 100 |
| 150 | 100 | 150 | 100 | 10 | 1000 | 80 | 100 |
| 200 | 100 | 150 | 100 | 10 | 1000 | 80 | 100 |

Deviatore a 2 vie con tenuta meccanica e comando manuale - Déviateur à deux voies avec joint mécanique et commande manuelle - Two-way switch with mechanic seal and manual control



| Ø | A | B |
|-----|-----|------|
| 100 | 350 | 1100 |
| 150 | 450 | 1100 |
| 200 | 550 | 1100 |

Deviatore a 3 vie con tenuta meccanica e comando manuale - Déviateur à 3 voies avec joint mécanique et commande manuelle - 3-way switch with mechanic seal and manual control



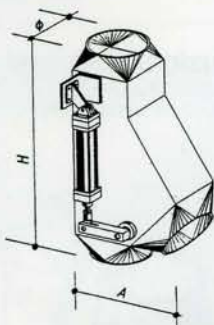
| Ø | A | B |
|-----|-----|------|
| 100 | 500 | 1100 |
| 150 | 650 | 1100 |
| 200 | 800 | 1100 |

Valvole a farfalla
Vanne a papillon
Butterfly valve



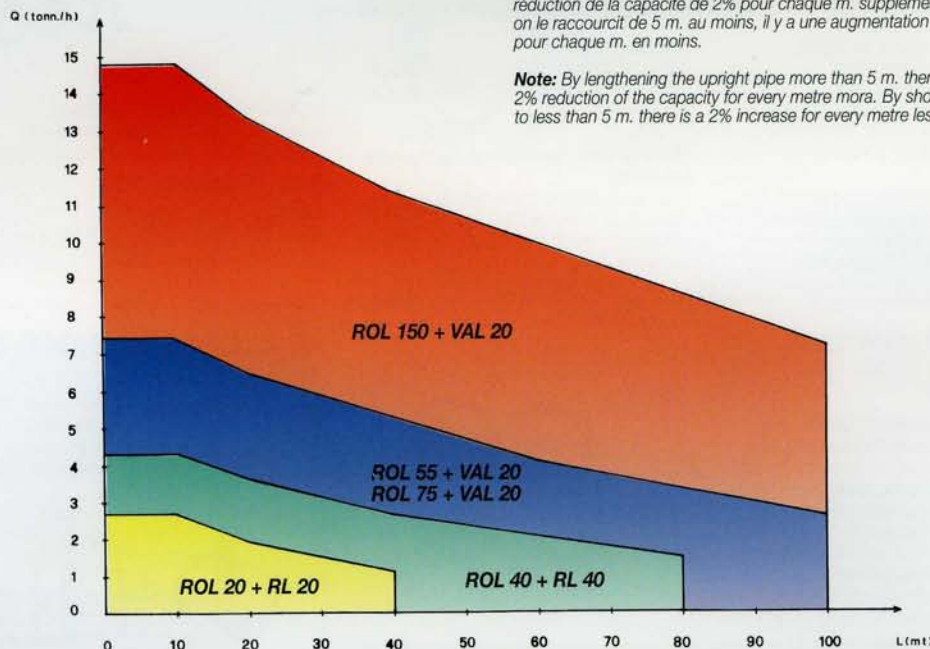
| Ø | A |
|-----|-----|
| 100 | 120 |
| 150 | 160 |
| 200 | 205 |

Valvole facoltative
Soupape facultative
Optional valve



| Ø | A | H |
|-----|-----|-----|
| 100 | 210 | 300 |
| 150 | 305 | 485 |
| 200 | 400 | 500 |

Capacità di trasporto
Capacité de transport
Conveyance capacity



ROL: ventilatore ventilateur fan
RL: iniettore - injecteur injector
VAL: valvola rotativa - Soupape rotative - rotative valve

Nota: Allungando il tubo verticale oltre i 5 m c'è una riduzione della capacità del 2% per ogni m in più. Accorciandolo a meno di 5 m, c'è un aumento del 2% per ogni m in meno.

Remarque: Si on allonge le tube vertical de plus de 5 m, il y a une réduction de la capacité de 2% pour chaque m. supplémentaire. Si on le raccourcit de 5 m. au moins, il y a une augmentation de 2% pour chaque m. en moins.

Note: By lengthening the upright pipe more than 5 m, there is a 2% reduction of the capacity for every metre more. By shortening it to less than 5 m, there is a 2% increase for every metre less.

Per il calcolo è stato usato grano.
Du blé a été utilisé pour les calculs.
Wet was taken for the calculation.



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