

## Descrizione

La serranda a iride RKB è realizzata in acciaio zincato ed è equipaggiata internamente di una guarnizione elastica in gomma.

Le serrande RKB sono tutte calibrate, una ad una, prima della consegna, così da fornire un prodotto che abbia la miglior accuratezza di misura possibile;  $\pm 7\%$ .

La serranda RKB può essere fissata con viti.

## Dati generali

Grandezze:  $\Phi 100$ ;  $\Phi 125$ ;  $\Phi 160$ ;  $\Phi 200$ ;  $\Phi 250$ ;  $\Phi 315$ ;  $\Phi 400$   
Portate d'aria: 10-1000 l/s  
Perdite di carico: 30-250 Pa

## Montaggio

Prima/dopo una curva del canale: 1 x  $\Phi d$   
Prima di un diffusore: 2 x  $\Phi d$   
Prima di una connessione a T: 2 x  $\Phi d$   
Dopo di una connessione a T: 4 x  $\Phi d$



## Description

RKB is an iris damper made of galvanized sheet steel and equipped with rubber gasket bands.

The RKB dampers are individually calibrated before delivery in order to give as good measuring accuracy as possible;  $\pm 7\%$ .

RKB can be locked in a fixed position with screws.

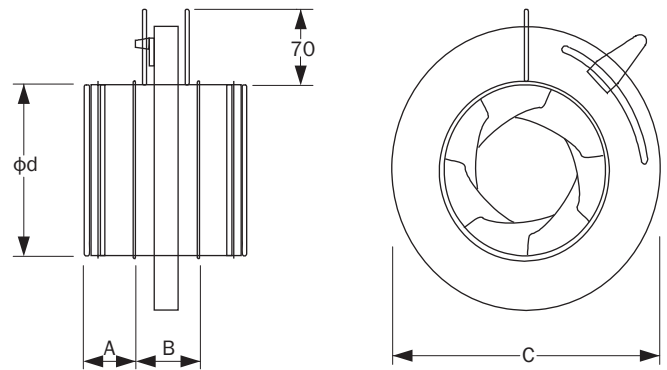
## General data

Unit sizes:  $\Phi 100$ ;  $\Phi 125$ ;  $\Phi 160$ ;  $\Phi 200$ ;  $\Phi 250$ ;  $\Phi 315$ ;  $\Phi 400$   
Airflow rates: 10-1000 l/s  
Pressure drop: 30-250 Pa

## Fitting

Before/after bend: 1 x  $\Phi d$   
Before air supply device: 2 x  $\Phi d$   
Before T-branch: 2 x  $\Phi d$   
After T-branch: 4 x  $\Phi d$

Dati dimensionali RKB/Dimensions [mm]				
Grandezza/Size	$\Phi d$	A	B	C
100	100	35	50	160
125	125	35	50	205
160	160	35	55	230
200	200	35	60	280
250	250	40	60	330
315	315	40	60	405
400	400	65	70	530



## Prestazioni

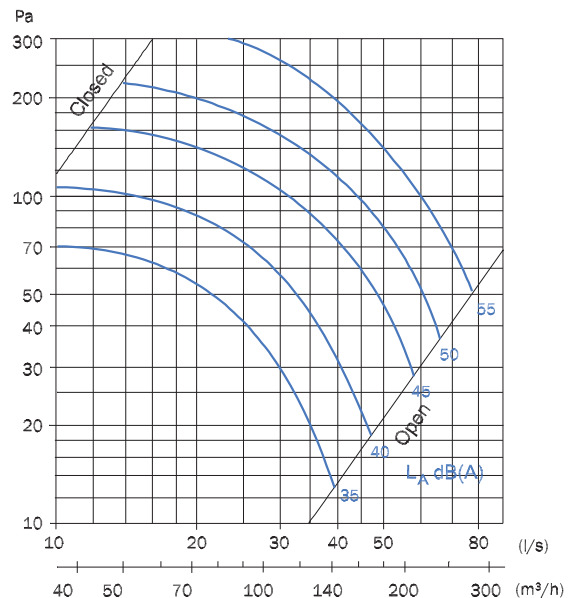
Livello di potenza sonora:  $L_w$  dB  
Pressione sonora totale generata:  $L_{WA}$  dB (A) (vedi diagrammi)  
Fattore di correzione:  $K_o$  dB (vedi tabella)  
 $L_w = L_A + K_o$

## Performance

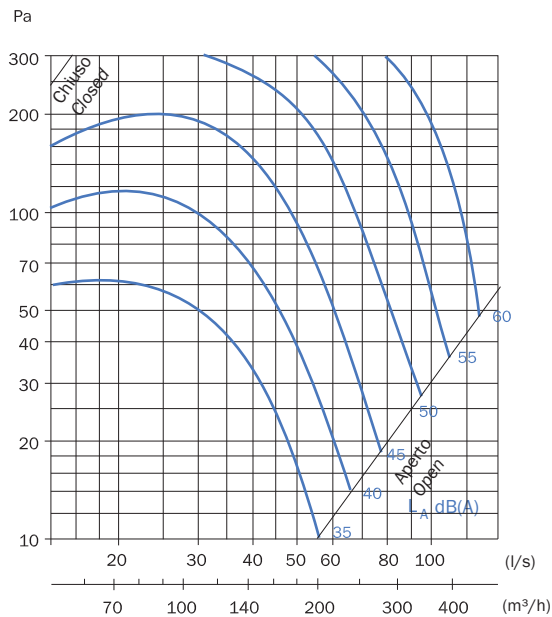
Sound power level:  $L_w$  dB  
Total generated sound pressure level:  $L_{WA}$  dB (A) (see diagrams)  
Correction factor:  $K_o$  dB (see table)  
 $L_w = L_A + K_o$

Fattore di correzione $K_o$ dB RKB/Corrector $K_o$ dB								
Grandezza (Size)	Banda di Ottava/Octave band [Hz]							
	63	125	250	500	1000	2000	4000	8000
100	+6	+5	+4	-5	-8	-5	-15	-23
125	+7	+6	+2	-4	-6	-6	-18	-21
160	+6	+5	+3	-3	-9	-5	-14	-22
200	+9	+3	+2	-4	-7	-6	-16	-21
250	+10	+2	+1	-5	-5	-8	-12	-14
315	+12	+2	+1	-5	-5	-8	-12	-14
400	+3	-3	0	-4	-5	-8	-16	-30

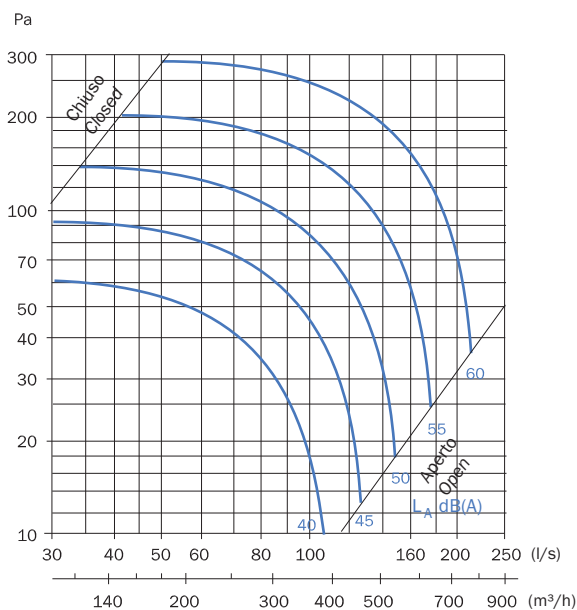
Toll.  $\pm 3$  dB



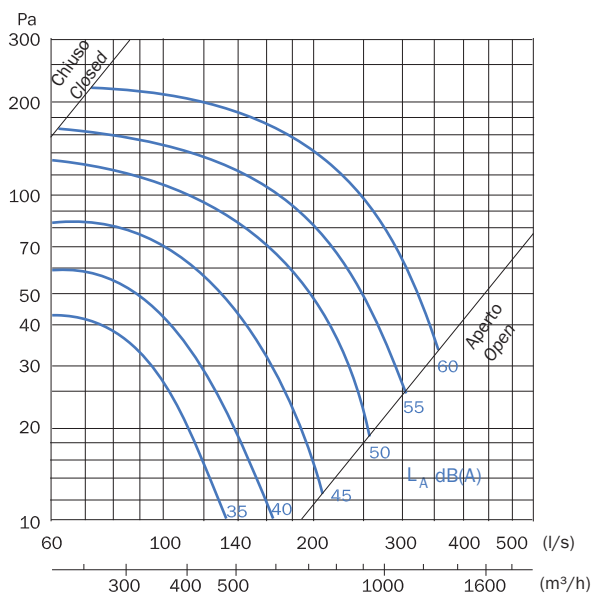
**Ø125**



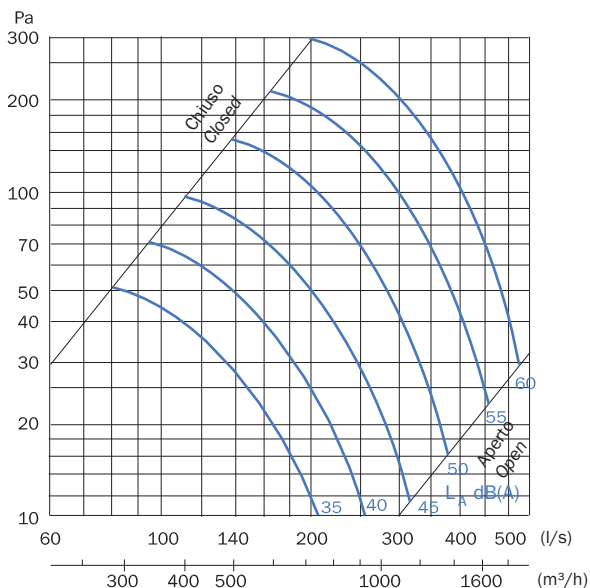
**Ø160**



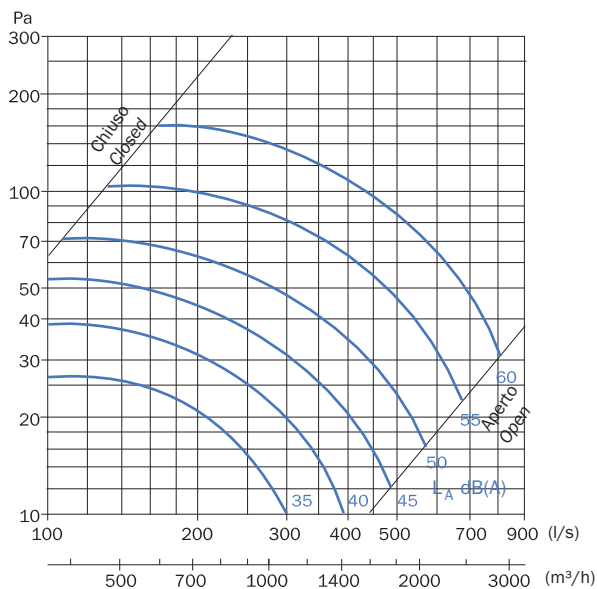
**Ø200**



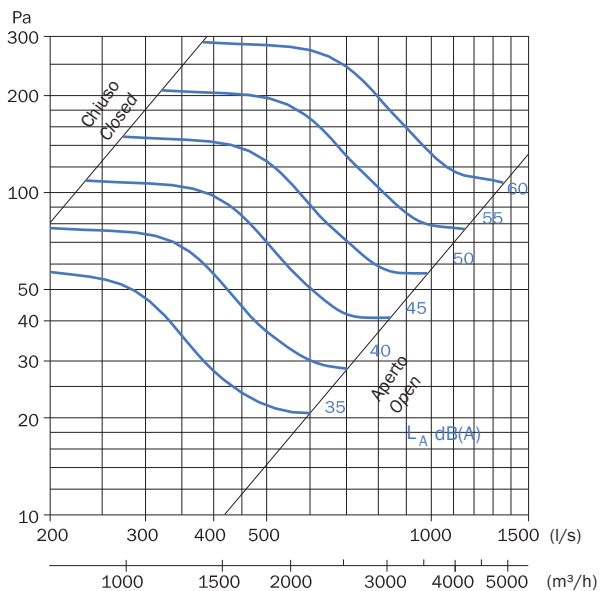
**Ø250**



**Ø315**



**Ø400**



## Codici identificazione prodotto/Product identification codes

RKB

250

**Nome modello**

RKB

RKB

**Name**

RKB

**Grandezza**

100; 125; 160; 200; 250; 315; 400

250

**Size**

100; 125; 160; 200; 250; 315; 400

RMC

250

**Nome modello**

RMC; RMS; RP; RME; RPL; MRP; MRPL

RMC

**Name**

RMC; RMS; RP; RME; RPL; MRP; MRPL

**Grandezza**

80; 100; 125; 160; 200; 250; 315; 400; 500; 630

250

**Size**

80; 100; 125; 160; 200; 250; 315; 400; 500; 630

RVS

125

110 l/s

30 l/s

**Nome modello**

RVS

RVS

**Name**

RVS

**Grandezza**

100; 125; 160; 200; 250; 315; 400; 500; 630

125

**Size**

100; 125; 160; 200; 250; 315; 400; 500; 630

**Qmax**

m<sup>3</sup>/h o l/s

110 l/s

**Qmax**

m<sup>3</sup>/h or l/s

**Qmin**

m<sup>3</sup>/h o l/s

30 l/s

**Qmin**

m<sup>3</sup>/h or l/s

RAQ

600X300

5000 l/s

1500 l/s

**Nome modello**

RAQ

RAQ

**Name**

RAQ

**Grandezza**

200x200; 400x200; 400x300; 400x400; 600x200;  
600x300; 600x400; 800x300; 800x400; 800x500;  
1000x400; 1000x500; 1000x600; 1200x600

600X300

**Size**

200x200; 400x200; 400x300; 400x400;  
600x200; 600x300; 600x400; 800x300;  
800x400; 800x500; 1000x400; 1000x500;  
1000x600; 1200x600

**Qmax**

m<sup>3</sup>/h o l/s

5000 l/s

**Qmax**

m<sup>3</sup>/h or l/s

**Qmin**

m<sup>3</sup>/h o l/s

1500 l/s

**Qmin**

m<sup>3</sup>/h or l/s