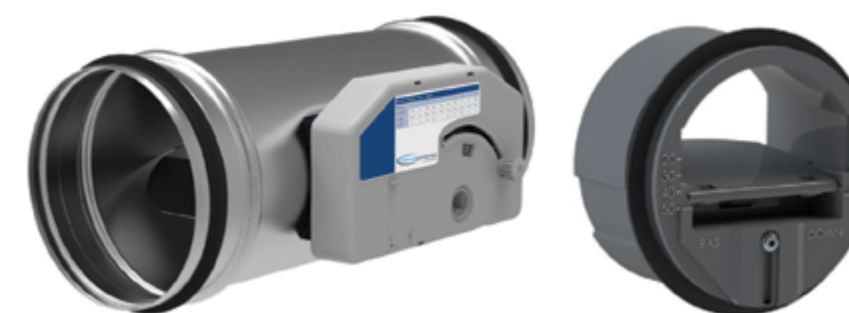
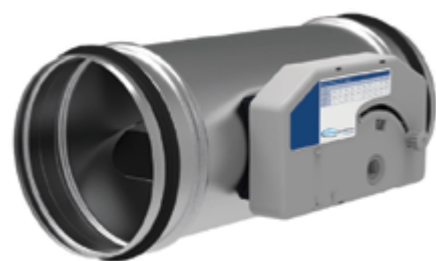


4/S5
v 2.7 (hr)

REGULATORI KONSTANTNOG PROTOKA

RKP-C-N, RKP-P-N, KVR-R

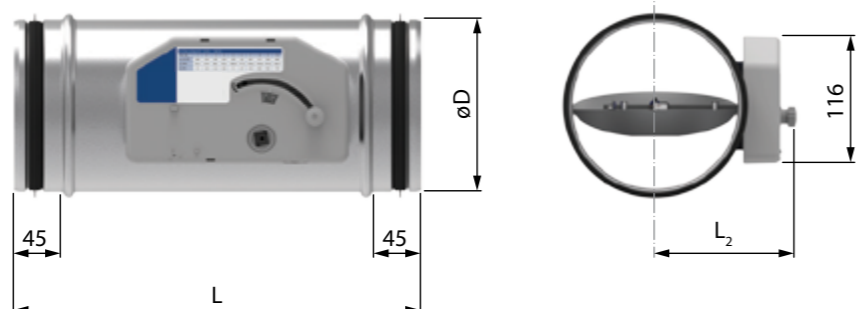



RKP-C-N

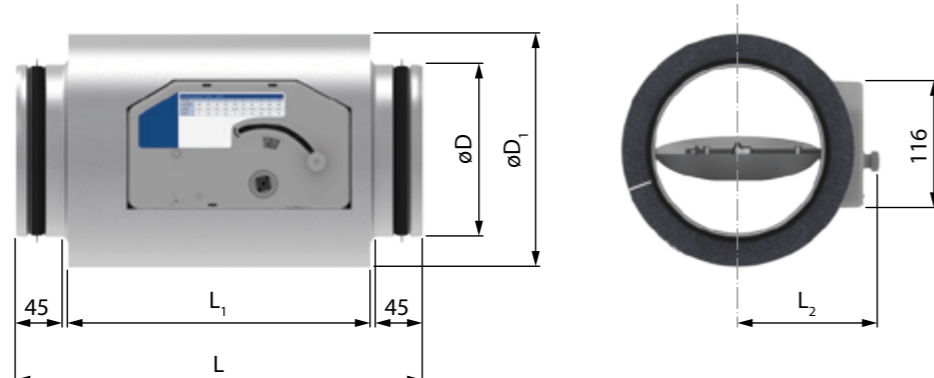
- Namjenjen za održavanje konstantnog volumnog protoka u ventilacijskom sustavu bez potrebe dodatnog izvora energije.
- Kućište izrađeno iz pocinčanog čeličnog lima, lamela iz aluminijevog lima.
- Operativno područje pri brzinama zraka je od 3 do 8 m/s te tlaku >50 Pa.
- Podešavanje odgovarajućeg konstantnog protoka okretanjem pogonskog vijka na desnu stranu poklopca i pokretanjem pokazivača pomaka suprotno oznaci na skali.

Radna temperatura: -20...80°C
 Relativna vlažnost: 5...80% rh
 Točnost konstantnog protoka: ±5% postavljene vrijednosti
 Zrakotjesnost kućišta: Klasa C

Dimenzije RKP-C-N



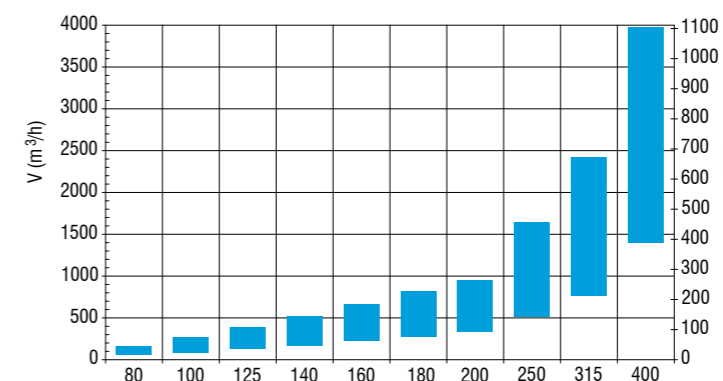
Dimenzije RKP-C-Z-N



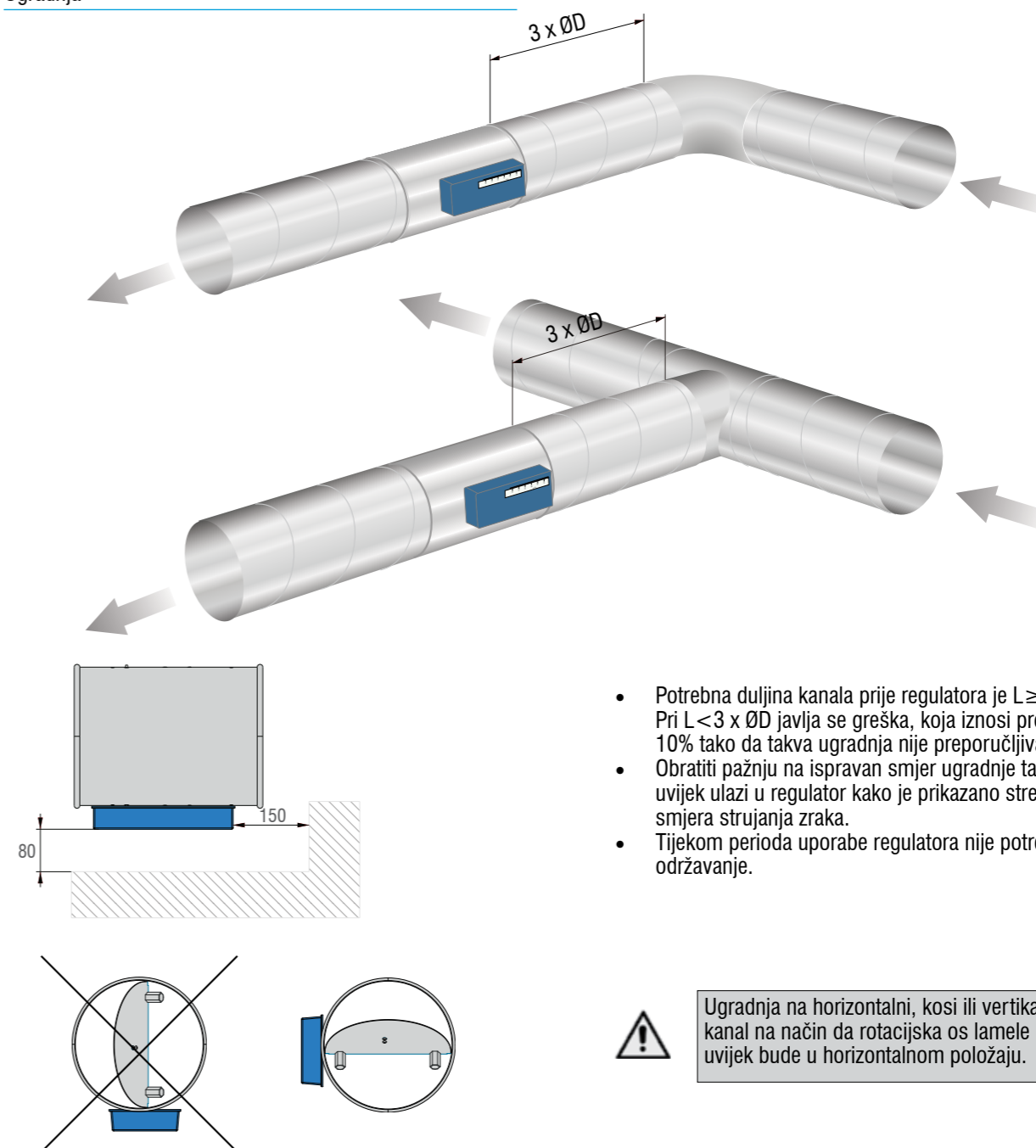
Dimenzije

Dn [mm]	V _{min} [m ³ /h]	V _{max} [m ³ /h]	øD [mm]	øD ₁ [mm]	L [mm]	L ₁ [mm]	L ₂ [mm]	m [kg]	m(z) [kg]
100	79	264	98	155	350	251	93	1,2	2,0
125	135	387	123	180	360	261	106	1,4	2,4
160	227	662	158	215	380	281	123	1,8	3,2
200	335	954	198	255	400	301	143	2,3	4,2
250	517	1644	248	305	425	326	165	3,6	6,1
315	769	2423	313	370	485	386	201	5,0	8,7
400	1372	3947	398	455	530	431	243	6,9	12,2

Dijagram za brzi odabir



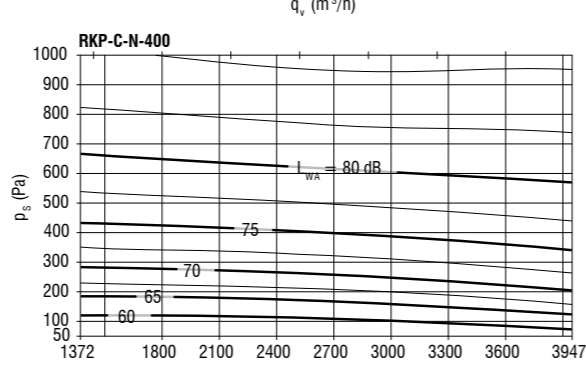
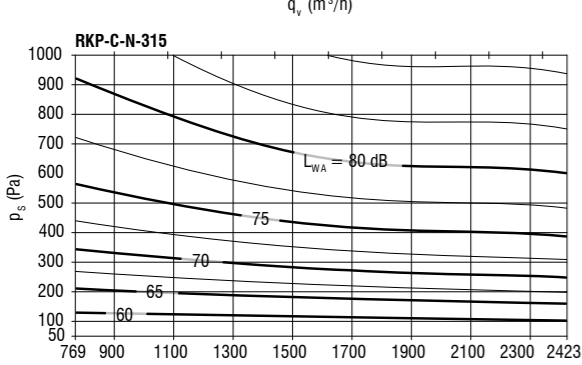
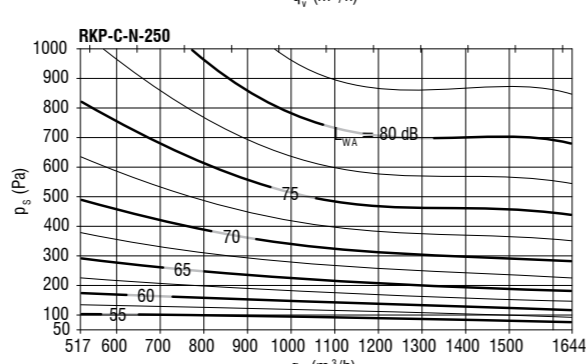
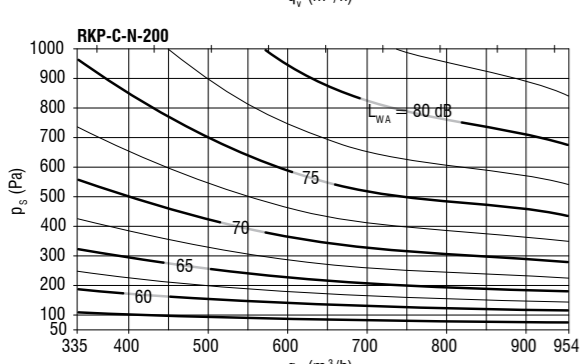
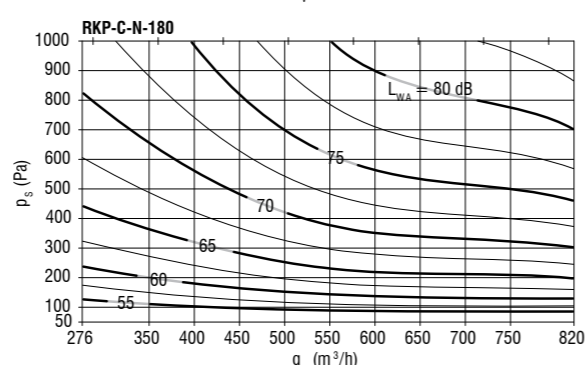
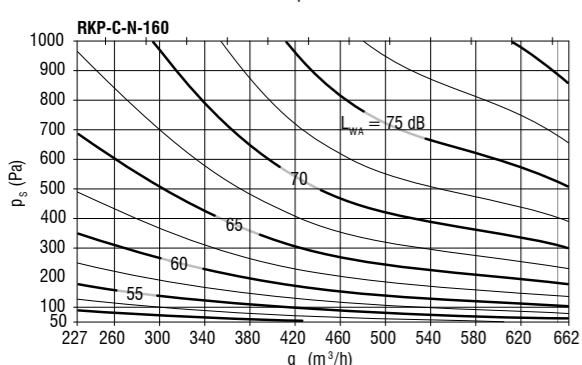
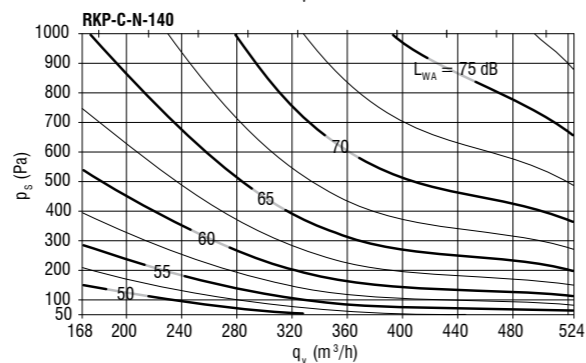
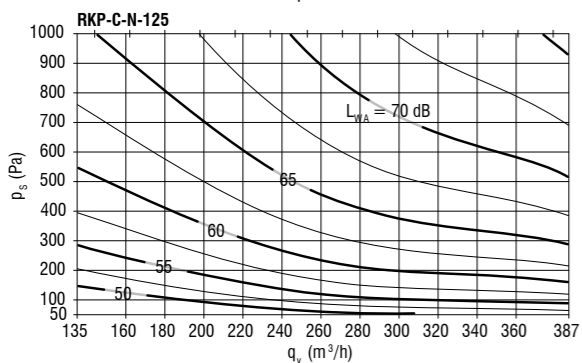
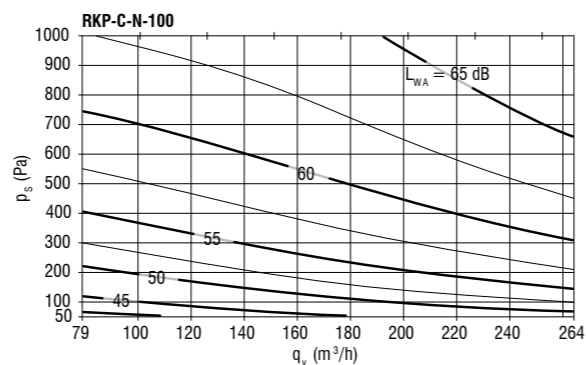
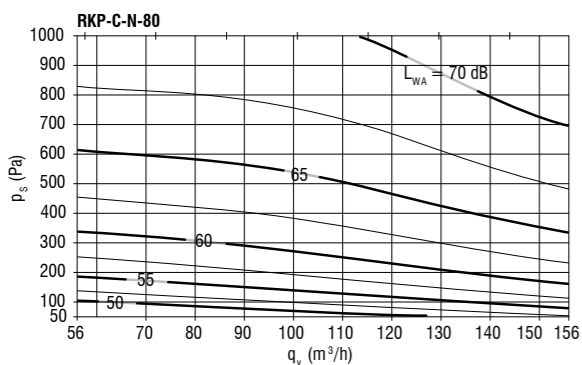
Ugradnja



- Potrebna duljina kanala prije regulatora je $L \geq 3 \times \text{øD}$. Pri $L < 3 \times \text{øD}$ javlja se greška, koja iznosi prosječno 10% tako da takva ugradnja nije preporučljiva.
- Obratiti pažnju na ispravan smjer ugradnje tako da zrak uvijek ulazi u regulator kako je prikazano strelicom smjera strujanja zraka.
- Tijekom perioda uporabe regulatora nije potrebno održavanje.

Ugradnja na horizontalni, kosi ili vertikalni kanal na način da rotacijska os lamele uvijek bude u horizontalnom položaju.

Dijagram razine zvuka



Oznaka za narudžbu

Regulator konstantnog protoka **RKP-C-N - ØDn - R - V - Z**

Nazivni promjer

Način namještanja protoka - R (ručno)

Volumni protok V [m³/h]

Izolacija



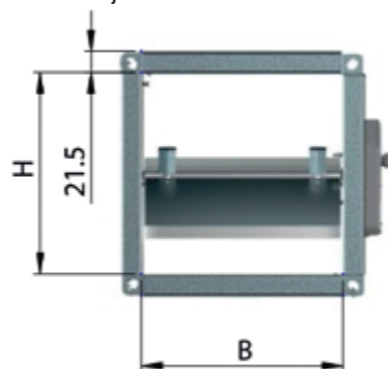
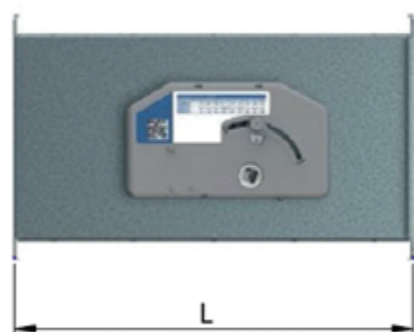
RKP-P-N

- Namjenjeni za održavanje konstantnog volumnog protoka u ventilacijskom sustavu bez potrebe dodatnog izvora energije.
- Kućište izrađeno iz pocinčanog čeličnog lima, lamela iz aluminijuskog lima.
- Operativno područje pri brzinama zraka je od 3 do 8 m/s te tlaku > 50 Pa.
- Podešavanje odgovarajućeg konstantnog protoka se vrši okretanjem pogonskog vijka na desnu stranu poklopca i pokretanjem pokazivača pomaka suprotno oznaci na skali.

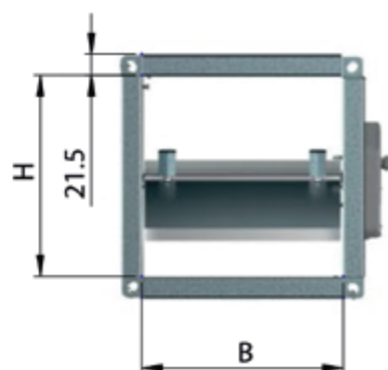
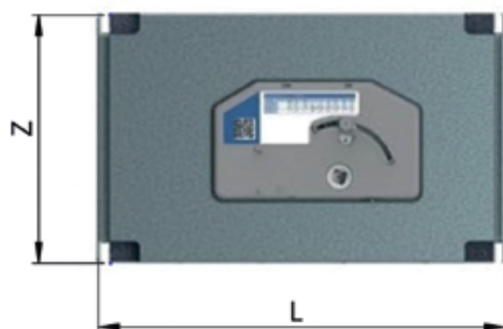
Radna temperatura: -20...80°C
 Relativna vlažnost: 5...80% rh
 Točnost konstantnog protoka: ± 10% postavljene vrijednosti
 Klasa C

Zrakotjesnost kućišta:

Dimenzije RKP-P-N



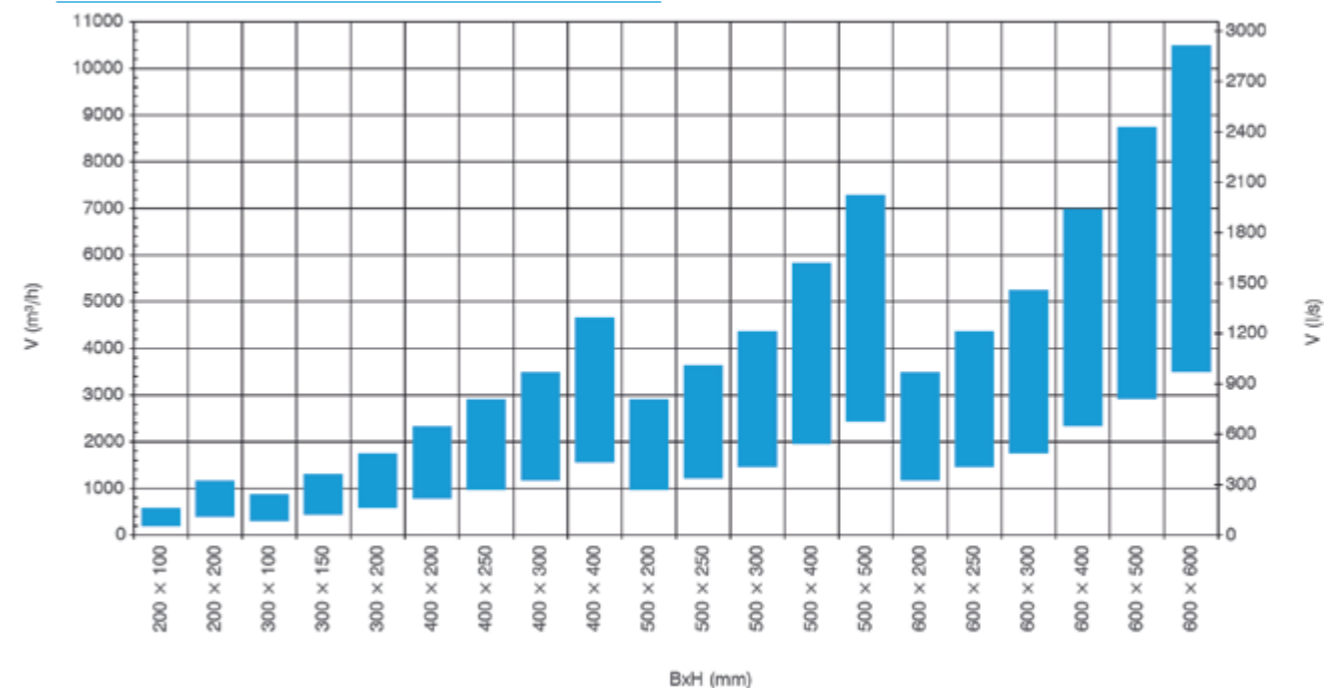
Dimenzije RKP-P-Z-N



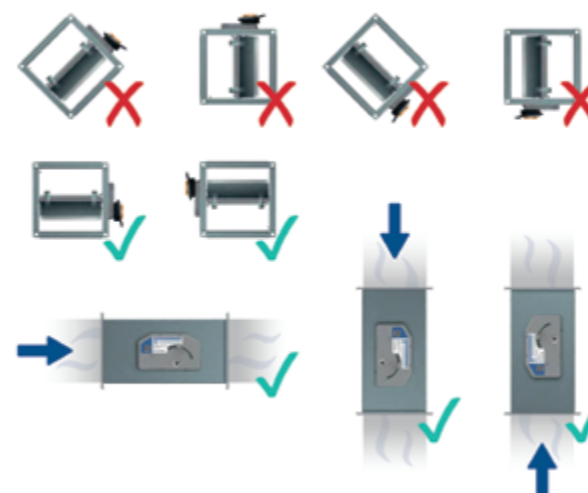
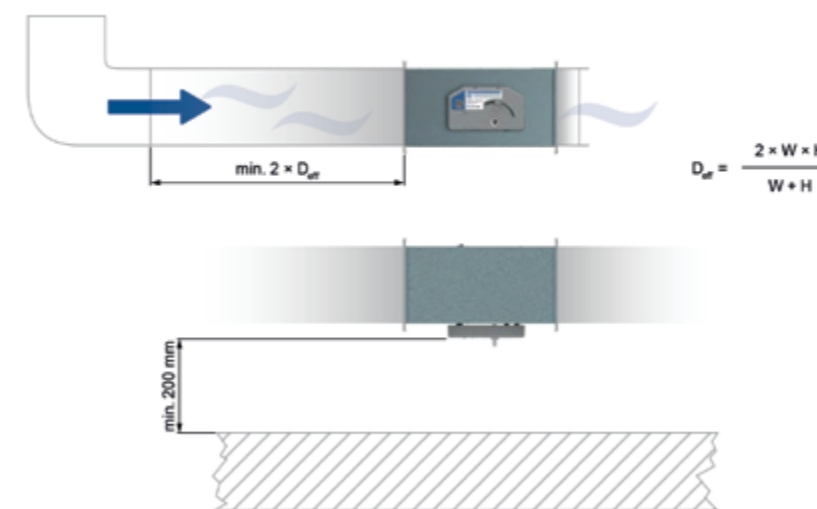
Dimenzije

Dimenzije B x H (mm)		200 x 100	200 x 200	300 x 100	300 x 150	300 x 200	400 x 200	400 x 250	400 x 300	400 x 400	500 x 200	500 x 250	500 x 300	500 x 400	500 x 500	600 x 200	600 x 250	600 x 300	600 x 400	600 x 500	600 x 600	
L	(mm)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
V _{min}	(m³/h)	194	388	291	437	583	777	972	1166	1555	972	1215	1458	1944	2430	1166	1458	1749	2332	2916	3499	
V _{max}	(m³/h)	524	1166	787	1312	1749	2332	2916	3499	4665	2916	3645	4374	5832	7290	3499	4374	5248	6998	8748	10497	
masa RKP-P	m(kg)	-	5,3	5,4	5,9	6,4	7,5	8,0	8,7	12,7	8,7	9,2	9,8	14,4	15,4	9,7	10,4	11	16,2	17,4	22,5	
masa RKP-P-N	m(kg)	5,8	7,3	7,4	8,1	8,8	10,5	11,2	12	16,4	12	12,8	13,6	18,6	19,9	13,6	14,4	15,3	20,8	21,9	27	

Dijagram za brzi odabir



Ugradnja

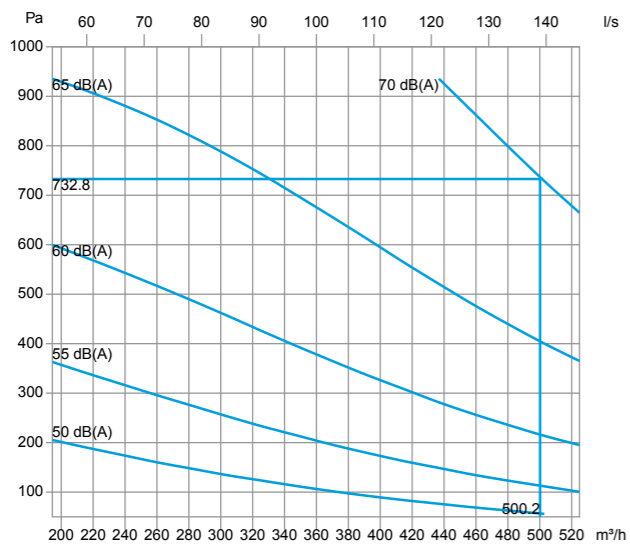


- Potrebna duljina kanala prije regulatora je $L \geq 3 \times B$. Pri $L < 3 \times B$ javlja se greška, koja iznosi prosječno 10% tako da takva ugradnja nije preporučljiva.
- Obratiti pažnju na ispravan smjer ugradnje tako da zrak uvijek ulazi u regulator kako je prikazano strelicom smjera strujanja zraka.
- Tijekom perioda uporabe regulatora nije potrebno održavanje.

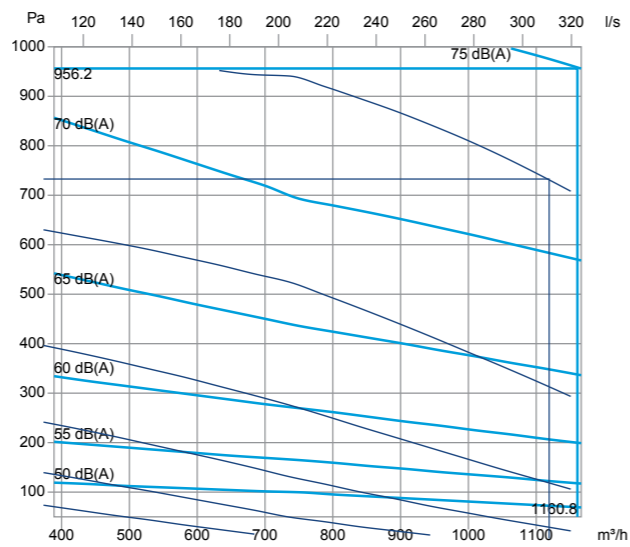


Ugradnja na horizontalni, kosi ili vertikalni kanal na način da rotacijska os lamele uvijek bude u horizontalnom položaju.

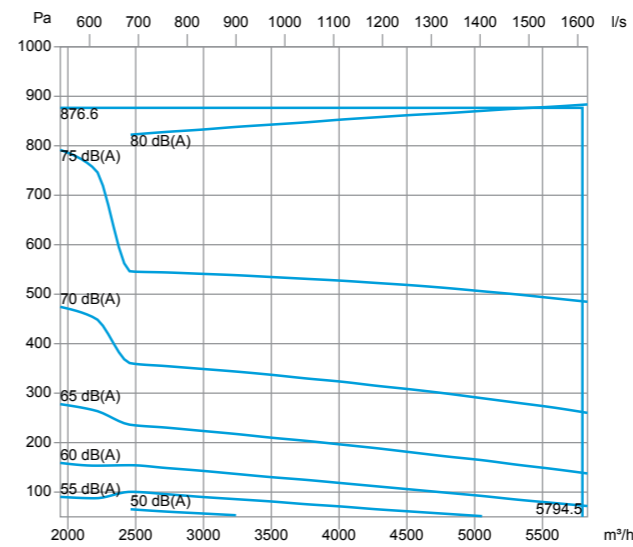
RPK-P-Z-N 200x100



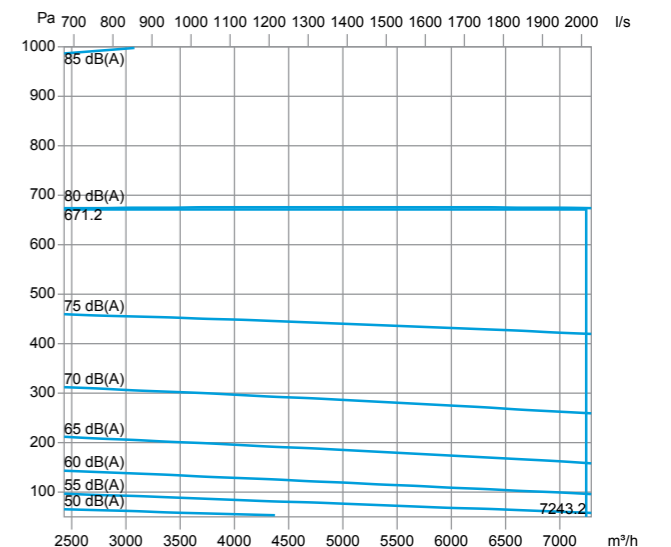
RPK-P-Z-N 200x200



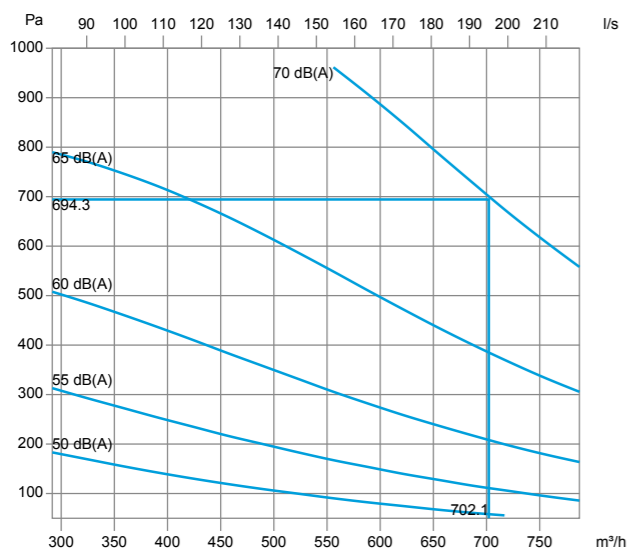
RPK-P-Z-N 500x400



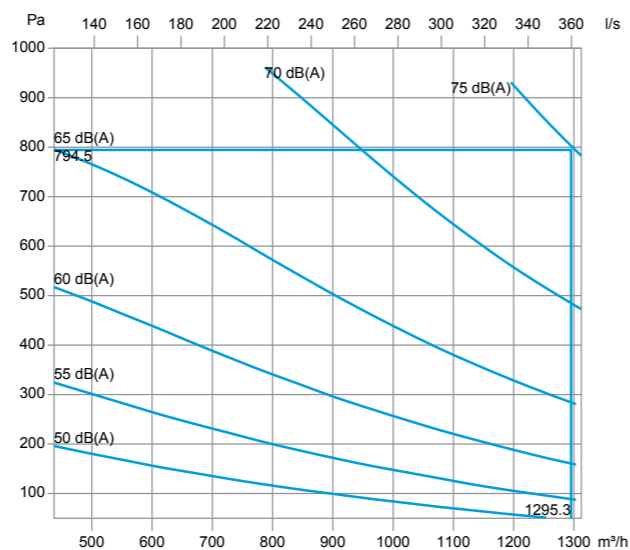
RPK-P-Z-N 500x500



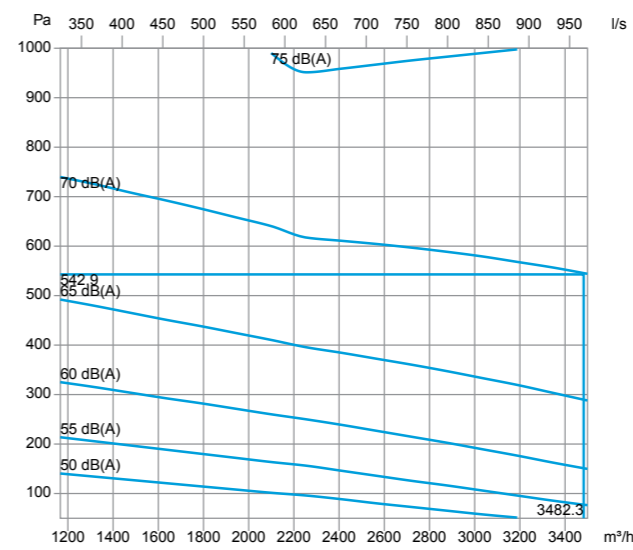
RPK-P-Z-N 300x100



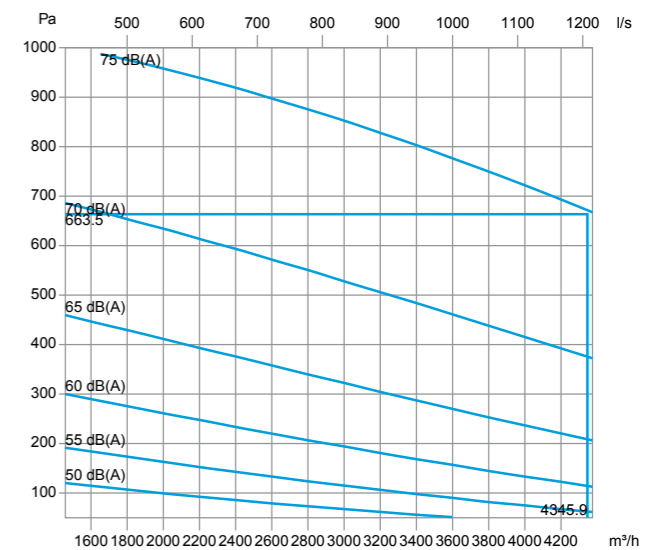
RPK-P-Z-N 300x150



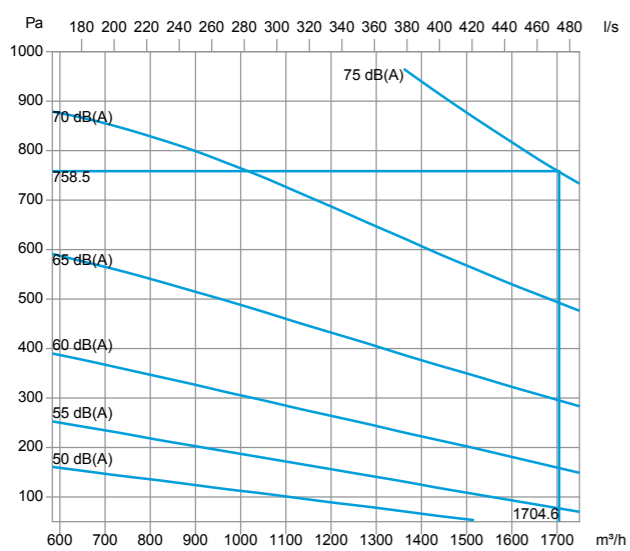
RPK-P-Z-N 600x200



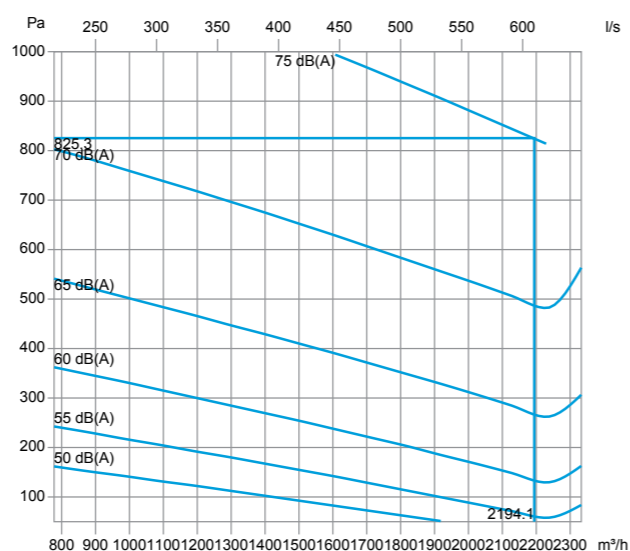
RPK-P-Z-N 600x250



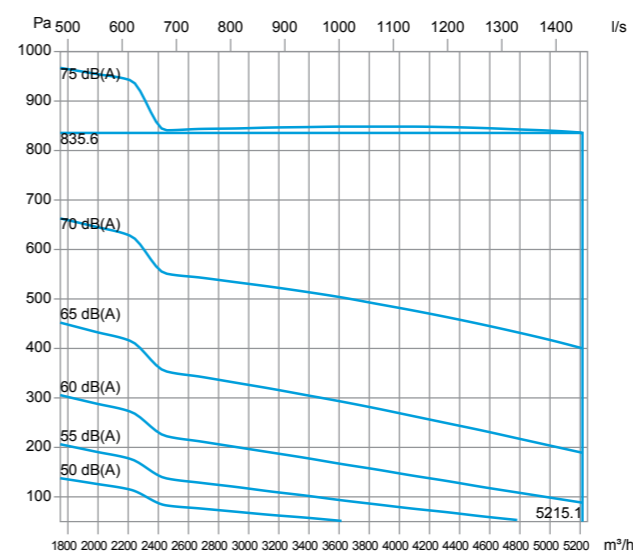
RPK-P-Z-N 300x200



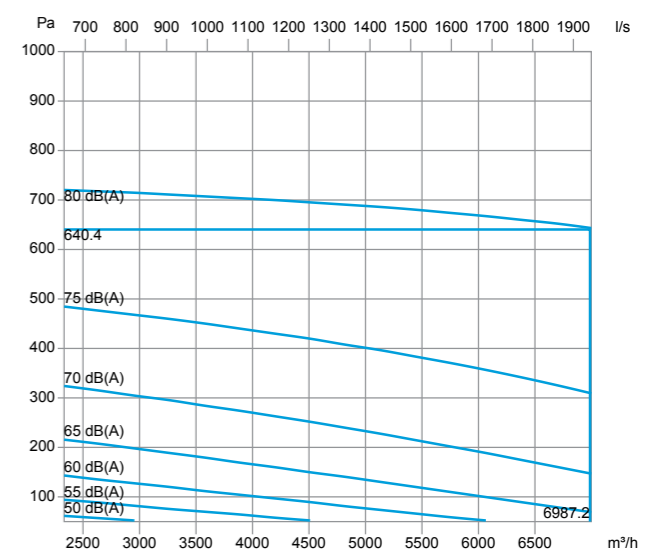
RPK-P-Z-N 400x200



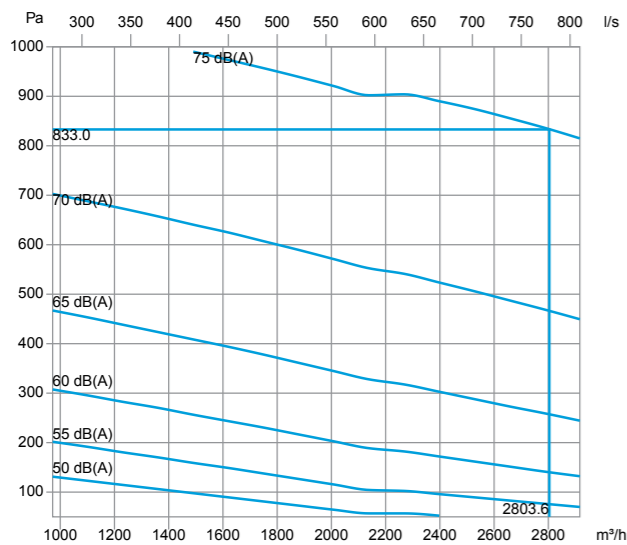
RPK-P-Z-N 600x300



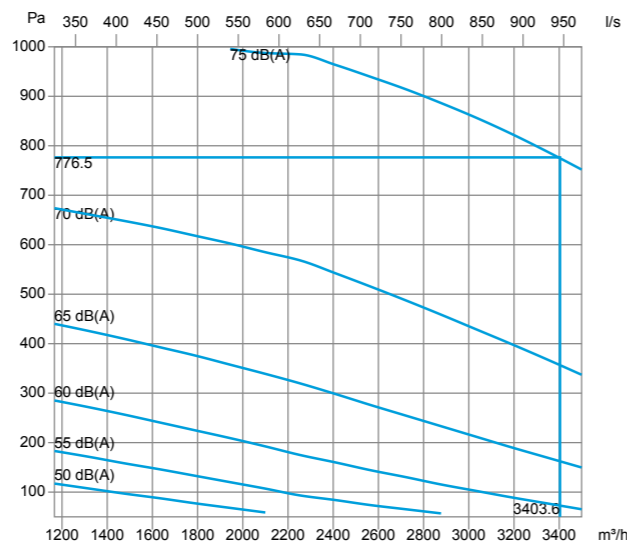
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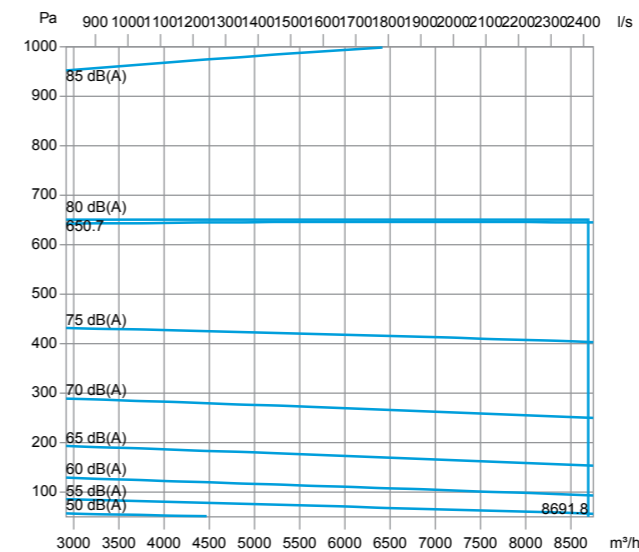
RPK-P-Z-N 400x250-M0



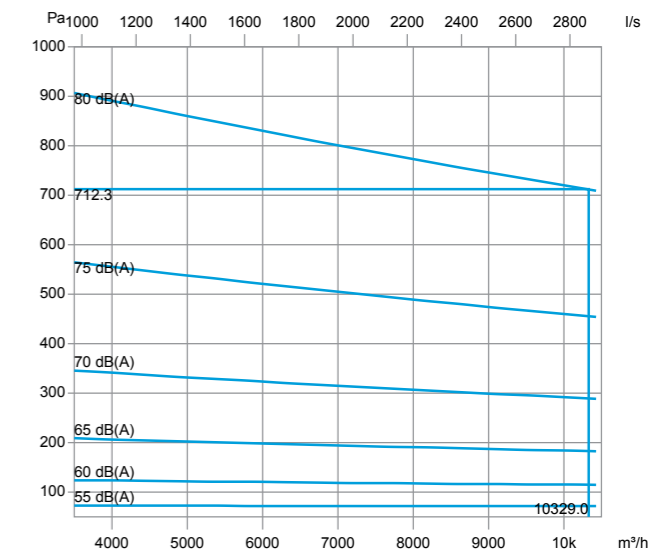
RPK-P-Z-N 400x300



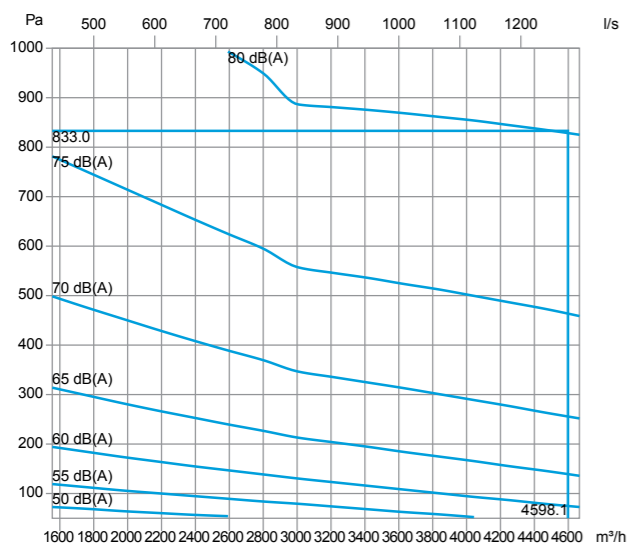
RPK-P-Z-N 600x500



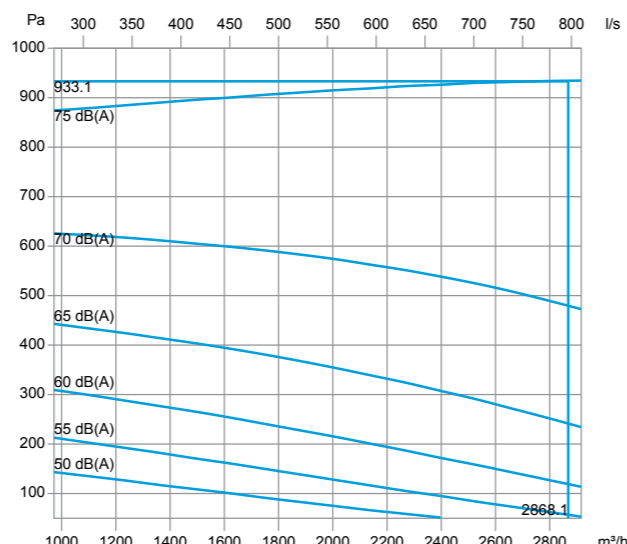
RPK-P-Z-N 600x600



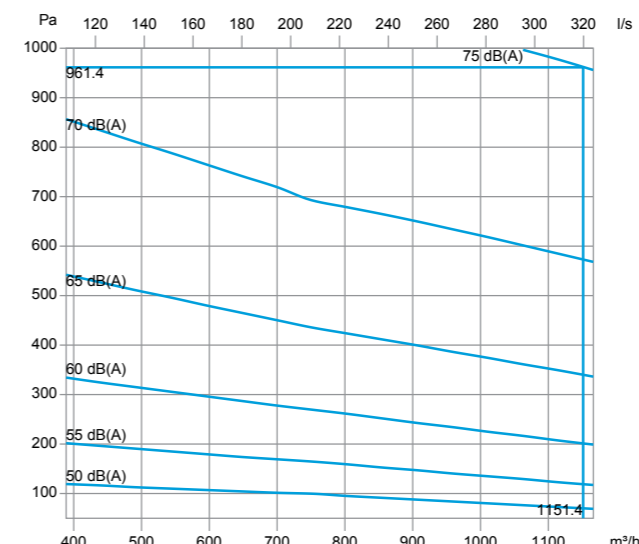
RPK-P-Z-N 400x400



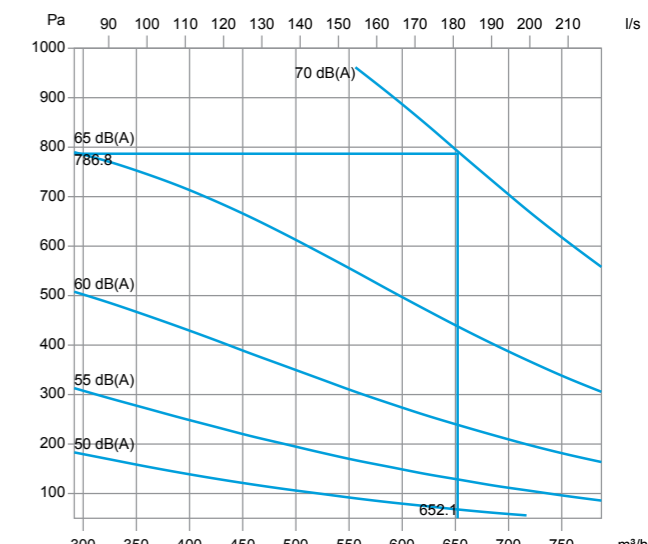
RPK-P-Z-N 500x200



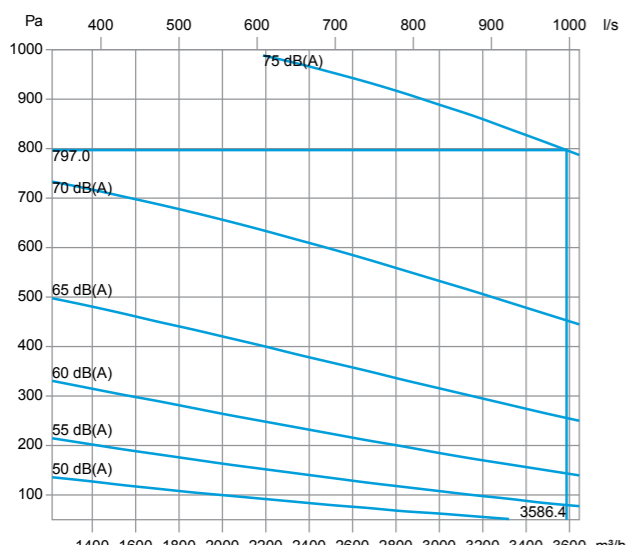
RPK-P-N 200x200



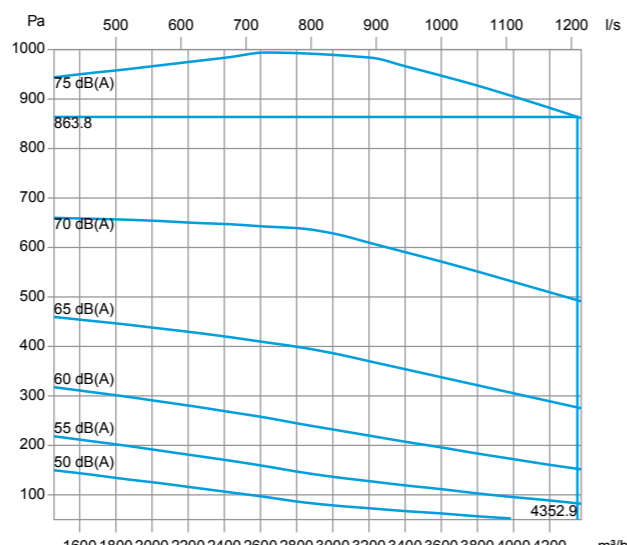
RPK-P-N 300x100



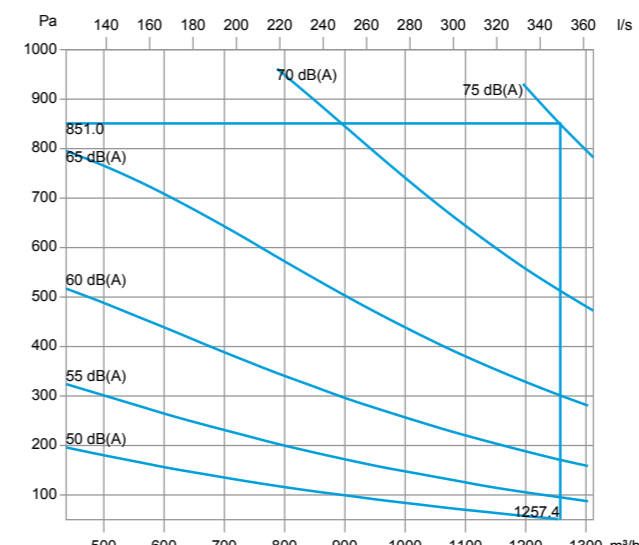
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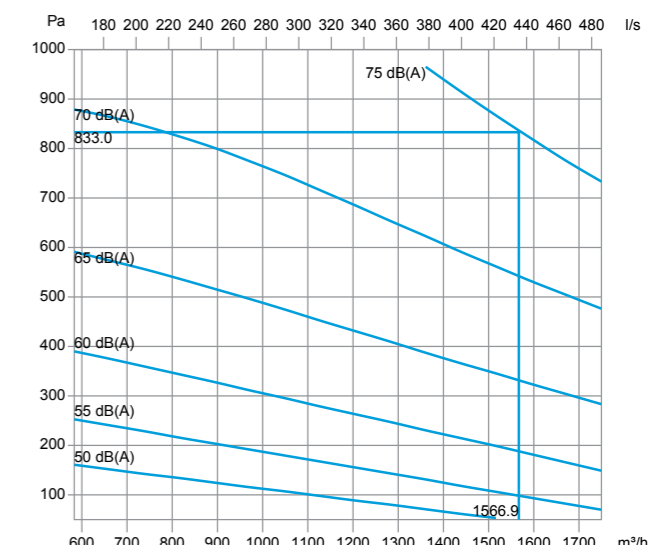
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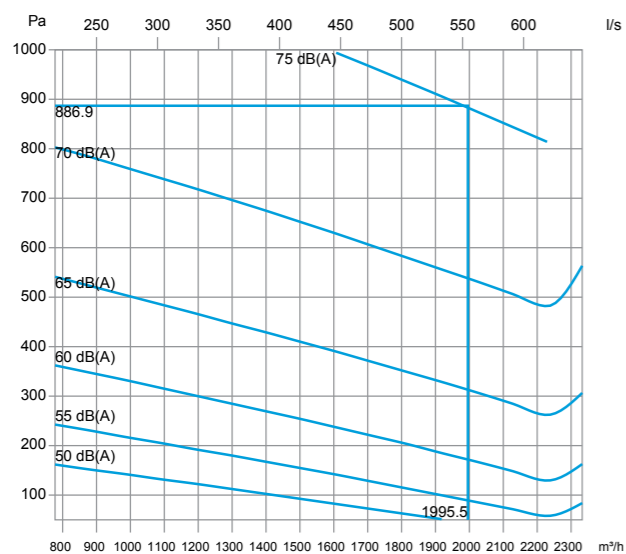
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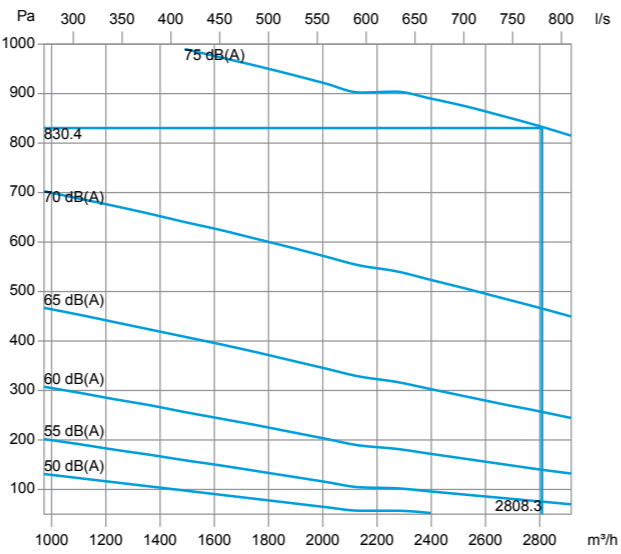
RPK-P-N 300x200



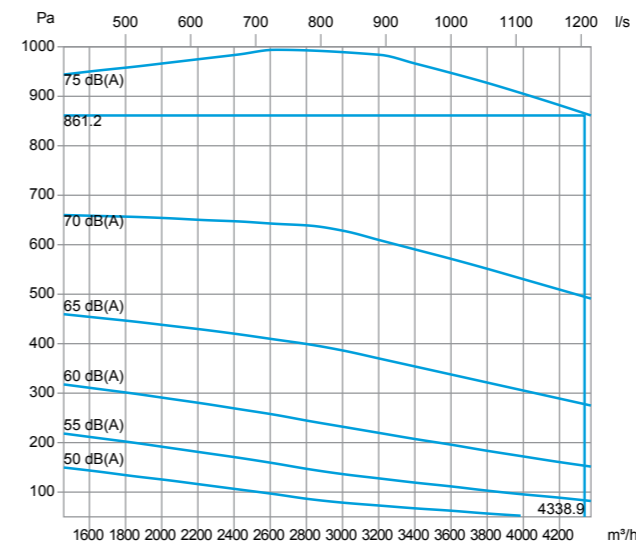
RPK-P-N 400x200



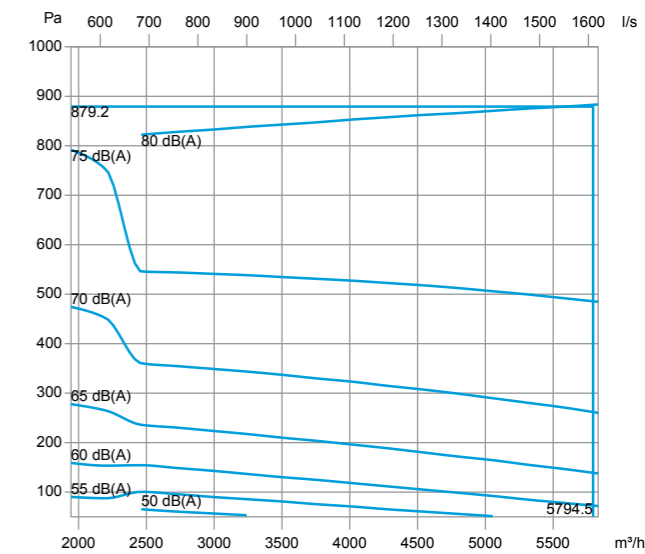
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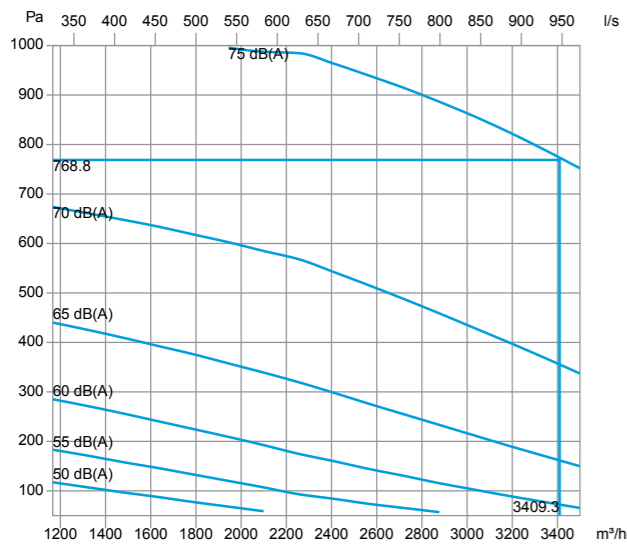
RPK-P-N 500x300



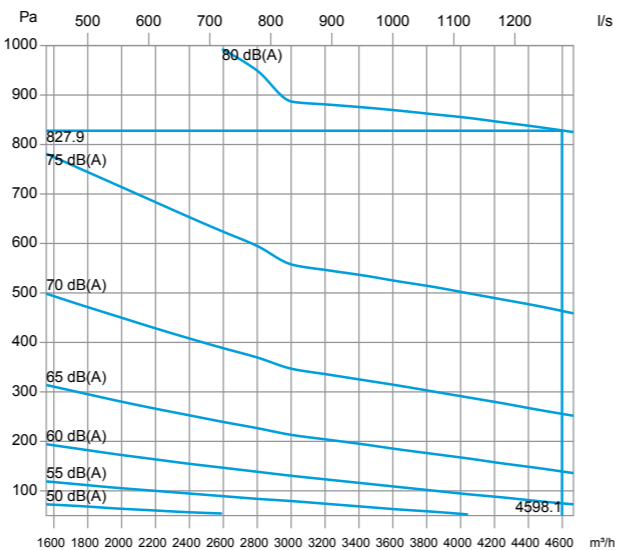
RPK-P-N 500x400



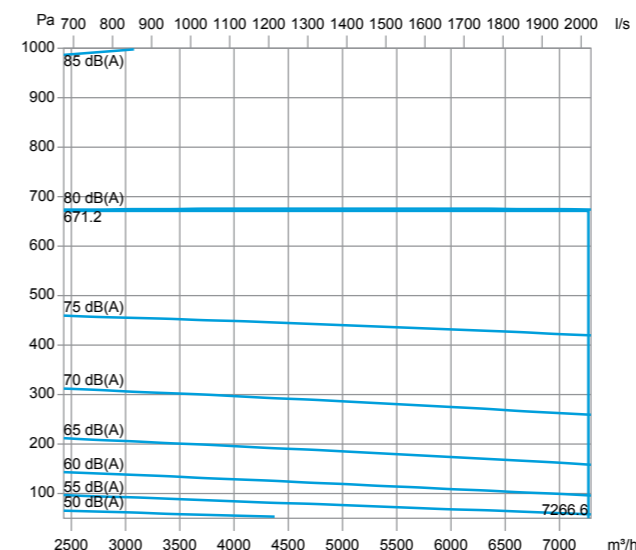
RPK-P-N 400x300



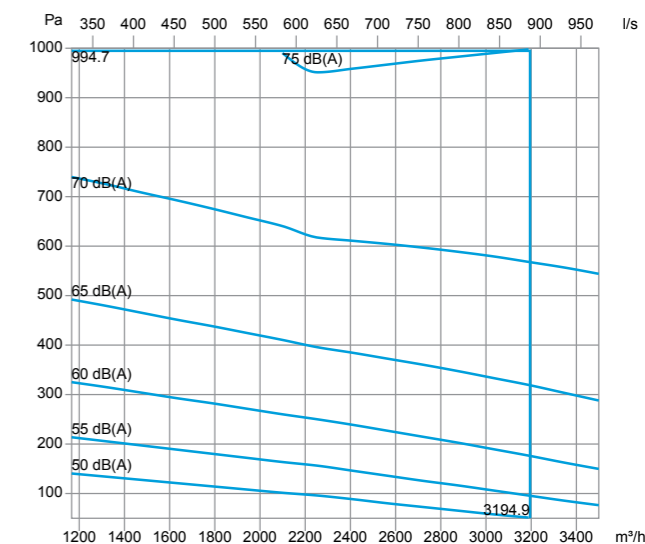
RPK-P-N 400x400



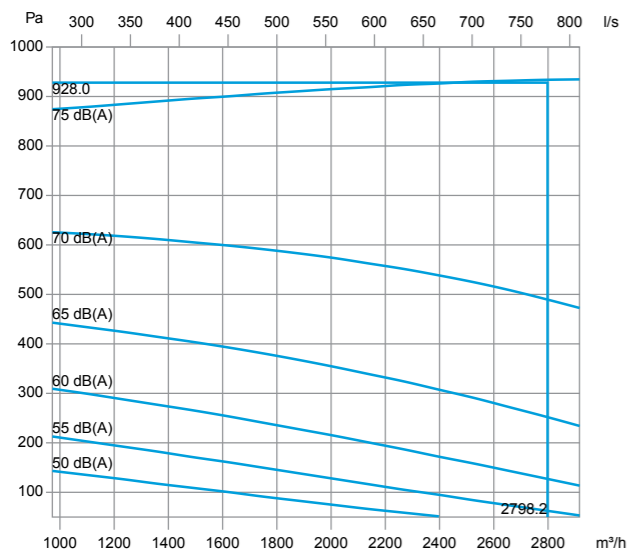
RPK-P-N 500x500



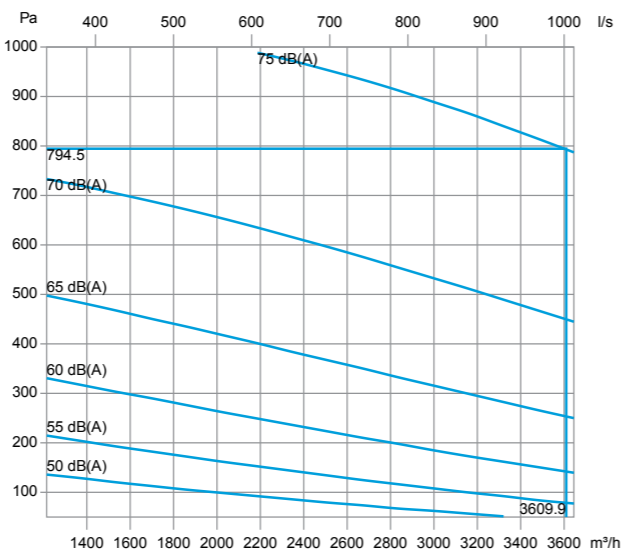
RPK-P-N 600x200



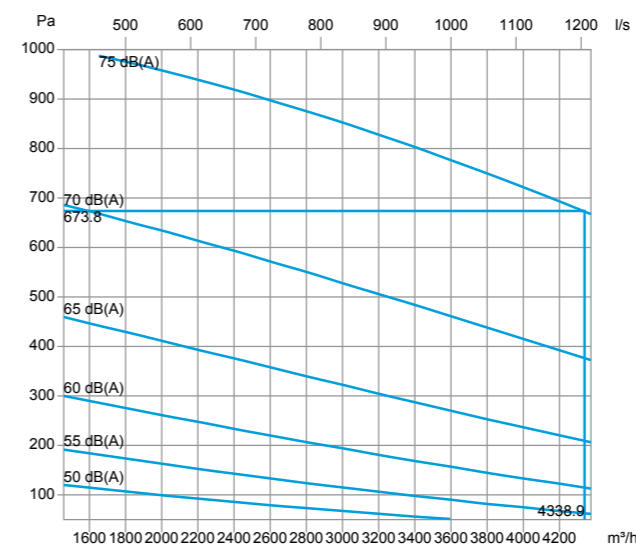
RPK-P-N 500x200



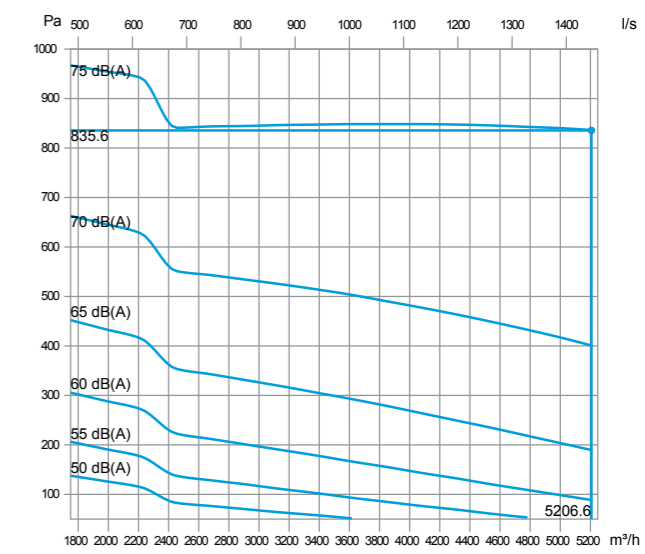
RPK-P-N 500x250

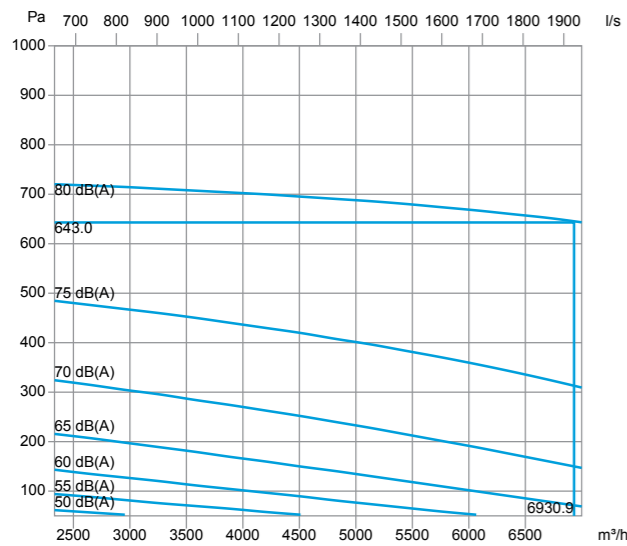
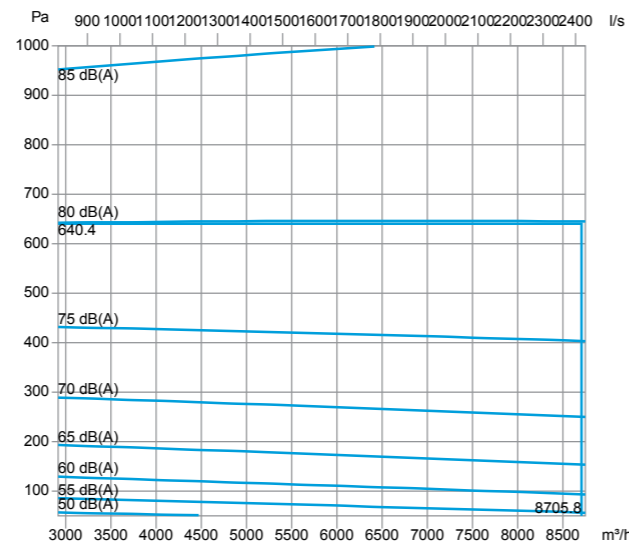
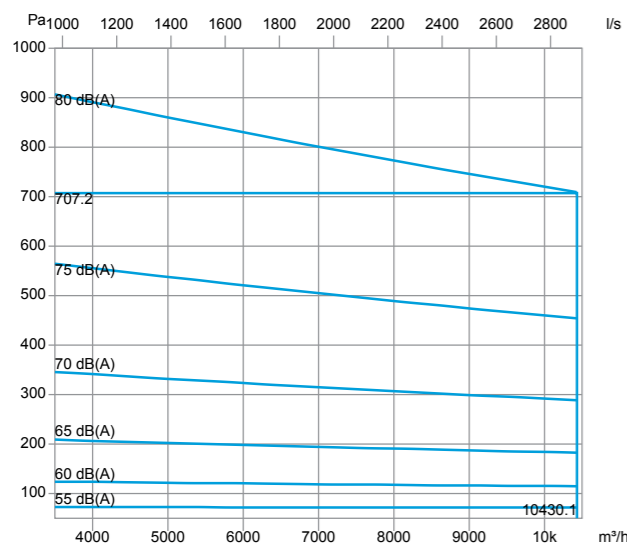


RPK-P-N 600x250



RPK-P-N 600x300



RPK-P-N 600x400

RPK-P-N 600x500

RPK-P-N 600x600


Oznaka za narudžbu:

 Regulator konstantnog protoka **RKP-P-N - B x H - R - V - Z**

Misure

Regolazione della portata – R (manuale)

Volumni protok V [m³/h]

Izolacija


KVR-R

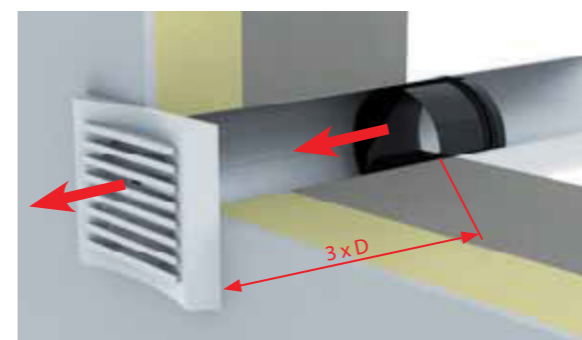
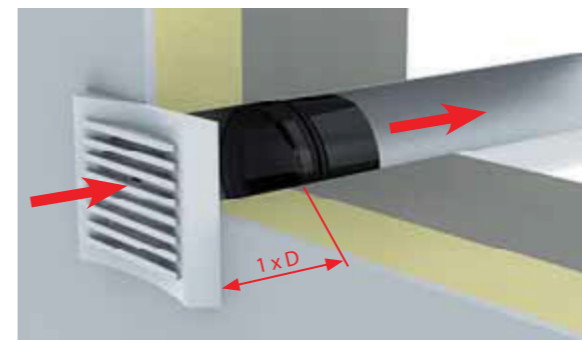
- Namjenjen za održavanje konstantnog volumnog protoka u ventilacijskom sustavu bez potrebe dodatnog izvora energije.
- Regulator izrađen od vatrootporneog polimera
- Raspon regulacije od 15 do 700 m³/h sa padom tlaka od 50 do 200 Pa.
- Protok se može jednostavno regulirati unutar raspona regulacije.
- Maksimalna radna temperatura 60°C

Materijal

- Vatrootporna plastika klasificirana kao M1
- Tjelo, ventil i klip izrađeni od vatrootporne plastike, opruga od nehrđajućeg čelika, gumena zrakonepropusna brtva.

Ugradnja

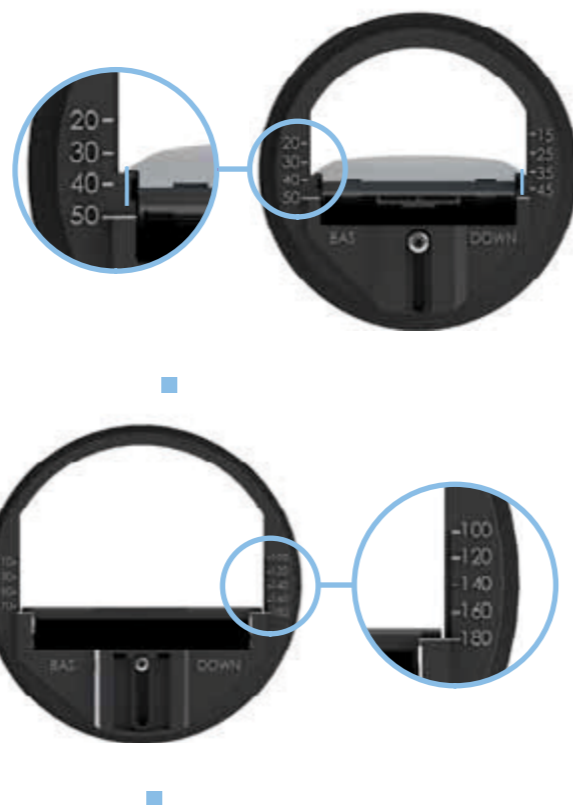
- Za umetanje unutar kanala
- Pogodno za vertikalnu ili horizontalnu ugradnju
- Kada se ugrađuje horizontalno, oznaka "BAS" mora biti horizontalna
- Paziti na označeni smjer strujanja zraka
- Obavezan razmak od minimalno 3x promjer kanala od ventilacijskih rešetki ili drugih turbulentnih područja kao koljena, prijelazi itd.
- Pozicioniranje na usis na udaljenosti minimalno 1x promjer kanala od usisne rešetke
- Regulator mora biti tako ugrađen da omogućava naknadno održavanje


Dimenzije

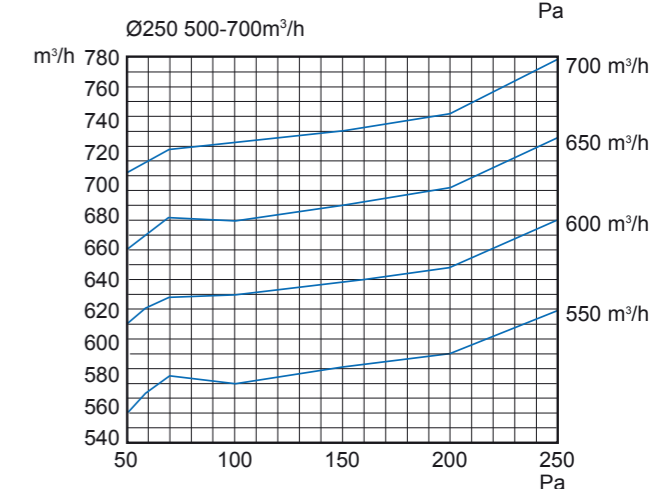
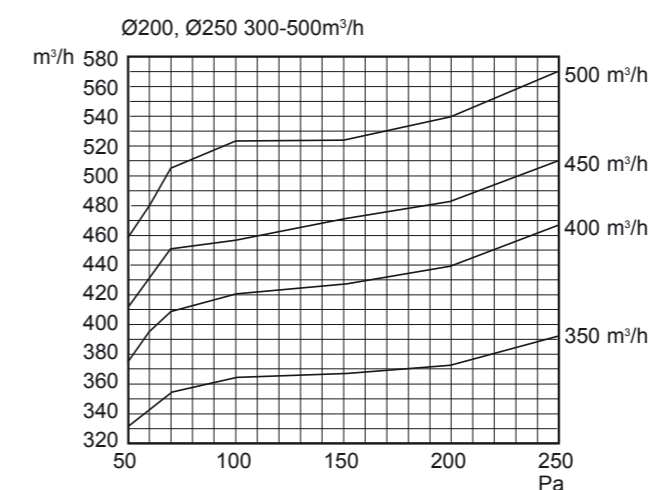
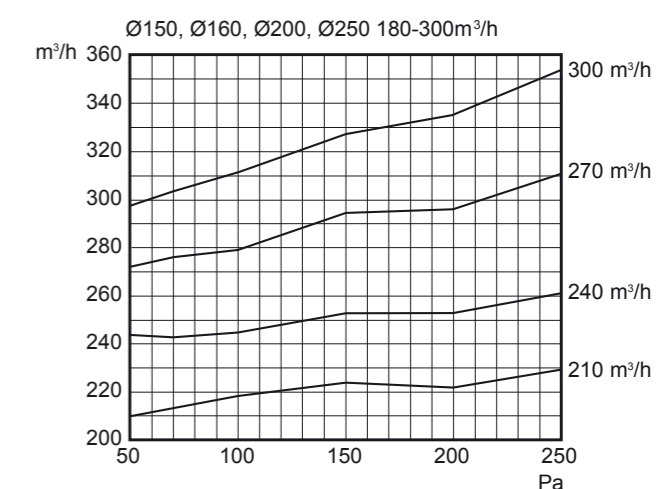
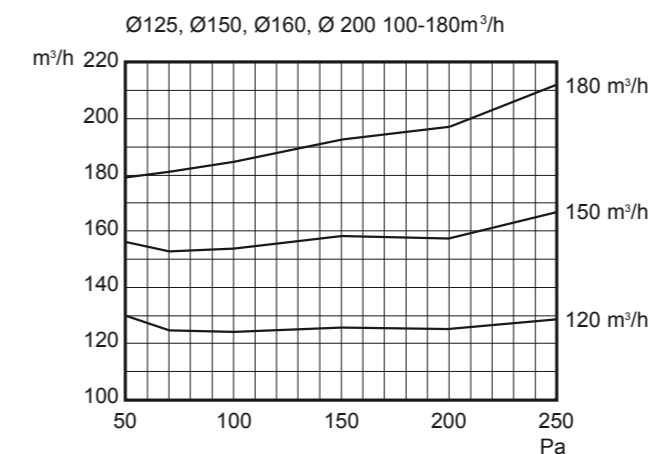
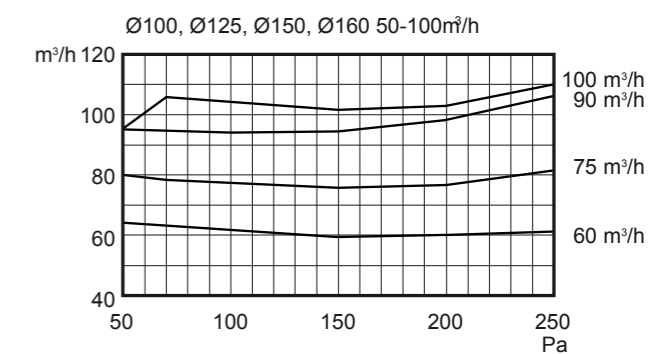
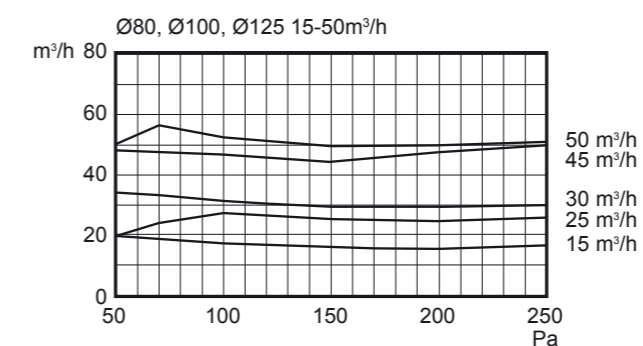
Ø	D1 [mm]	D2[mm]	L[mm]
80	76	73	55
100	96	93	70
125	120	117	89
150	146	148	91
160	146	148	91
200	190	195	91
250	245	236	127

Konstrukcija

1. Okvir sa brtvom
2. Odstojnik
3. Tijelo regulacijskog elementa
4. Regulacijski element
5. Modul za kontrolu protoka
6. Vijak za podešavanje


Pad tlaka i razine zvučne snage

Qv	Lw			
	50 Pa	100 Pa	150 Pa	200 Pa
15	25	29	32	35
25	26	30	33	36
30	26	31	35	38
45	27	33	36	39
50	29	35	37	41
60	32	37	39	42
75	32	37	40	42
90	32	38	41	44
100	33	39	42	45
120	30	34	39	42
150	33	37	41	45
180	34	40	44	47
210	34	40	42	44
240	35	41	44	47
270	37	43	45	49
300	33	37	42	45
350	35	40	44	47
400	37	42	45	50
450	38	44	46	51
500	39	46	48	53

IZBORNI DIJAGRAMI


Oznaka za narudžbu:

 Regulator konstantnog protoka **KVR - Ø**

Dimenzija