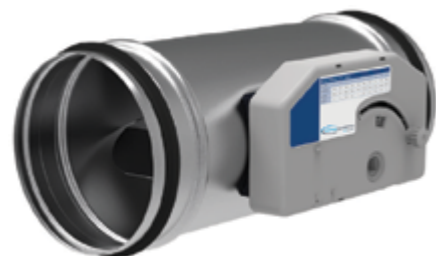


4/S5
v 2.7 (SI)

MEHANSKI REGULATORJI PRETOKA

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

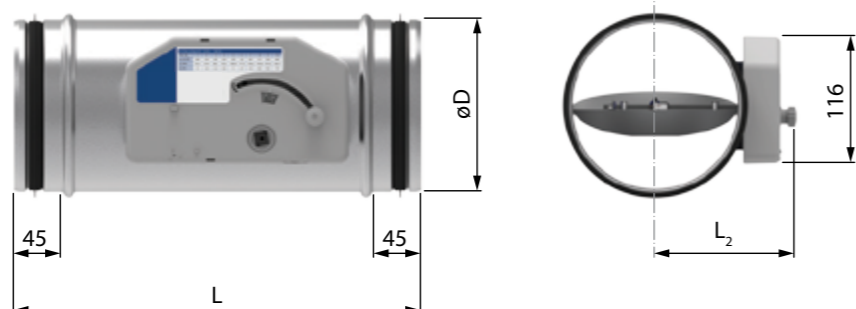



RKP-C-N

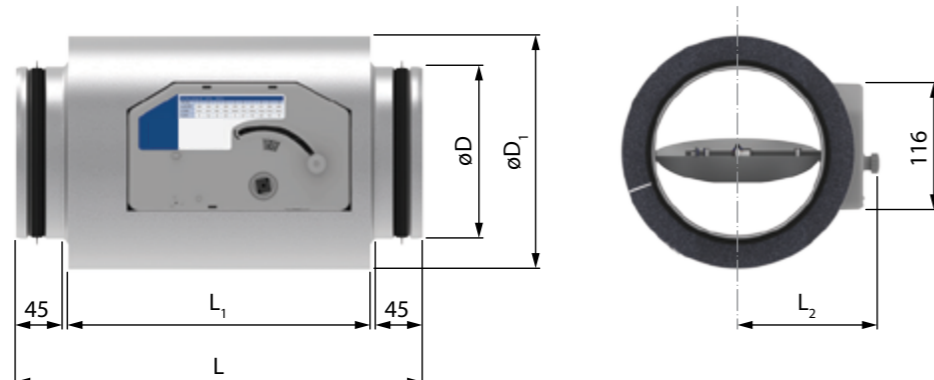
- Zasnovan za vzdrževanje konstantnega pretoka zraka v prezračevalnem sistemu brez potrebe po dodatnem viru energije.
- Ohišje iz pocinkane pločevine, lamela iz aluminijaste pločevine.
- Območje delovanja pri hitrostih zraka je od 3 do 8 m / s in tlak > 50 Pa.
- Nastavitev ustreznega konstantnega pretoka z obračanjem pogonskega vijaka na desno stran pokrova in s premikanjem kazalca na oznako pretoka naskali.

Delovna temperatura: -20...80°C
 Relativna vlažnos: 5...80% rh
 Natančnost konstantnega pretoka: ±5% nastavljene vrednosti
 Zrakotesnost ohišja: razred C

Dimenzije RKP-C-N



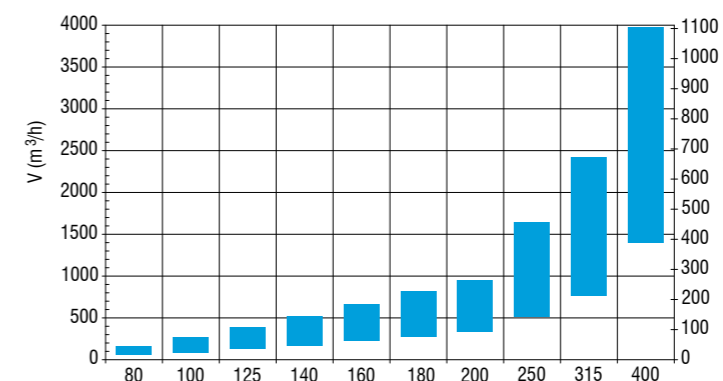
Dimenzije RKP-C-Z-N



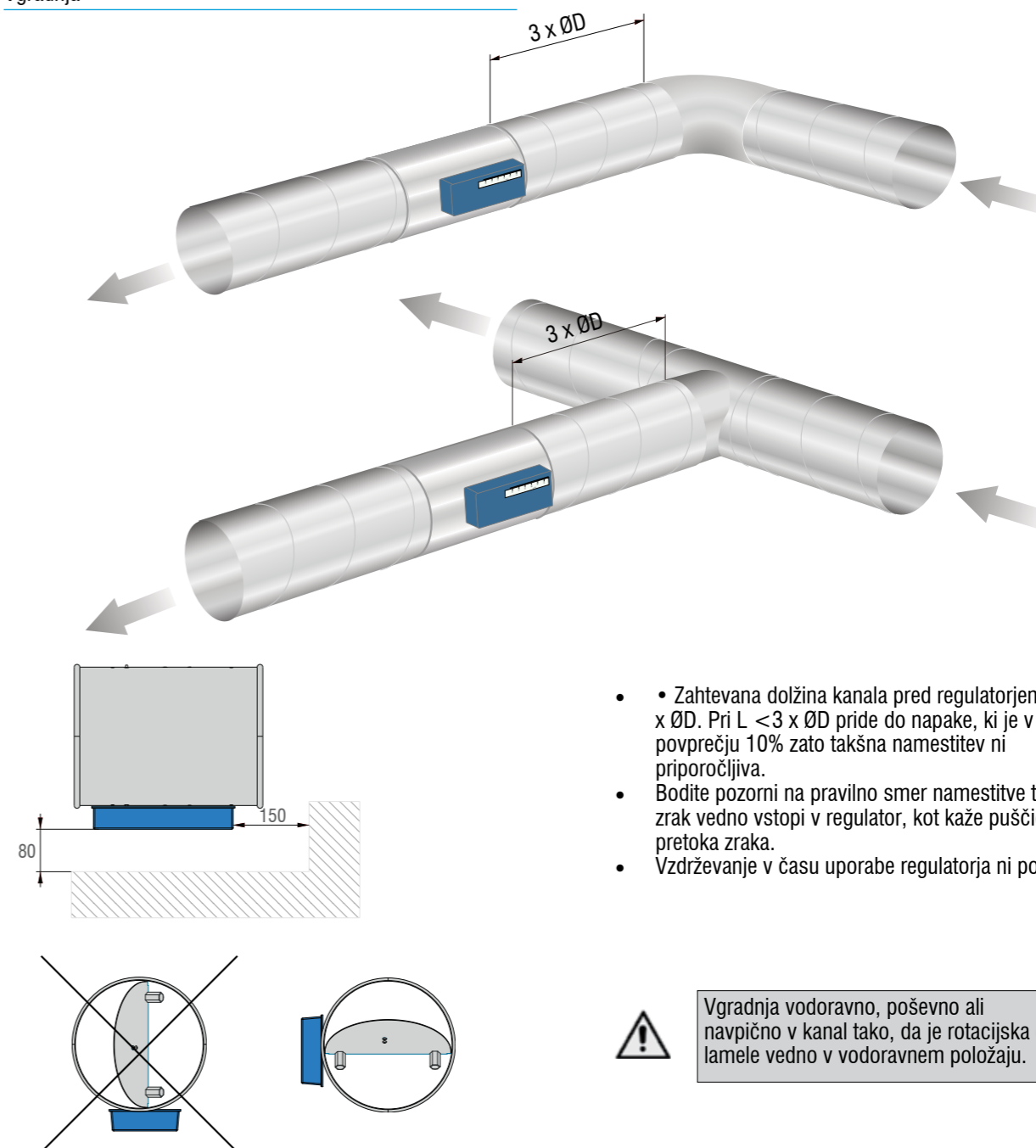
Dimenzije

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

Diagram za hiter izbor



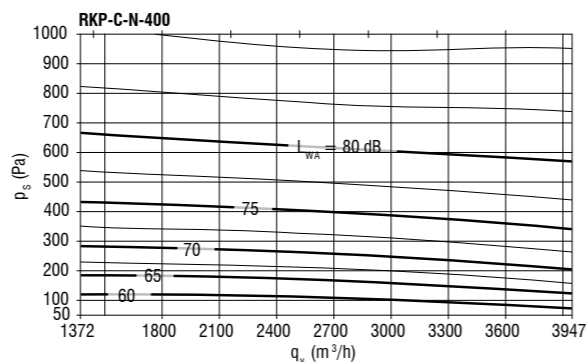
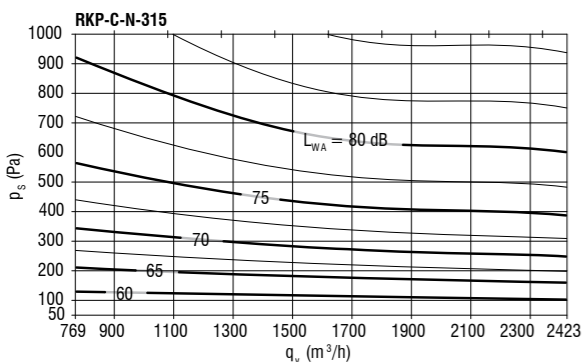
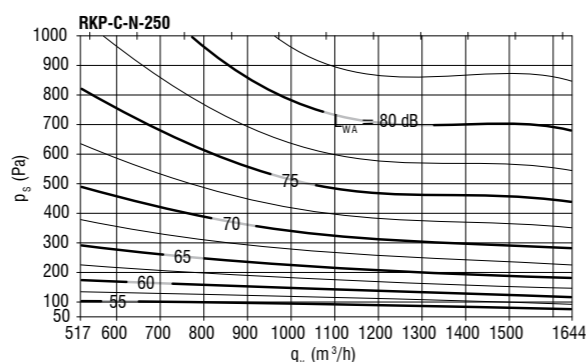
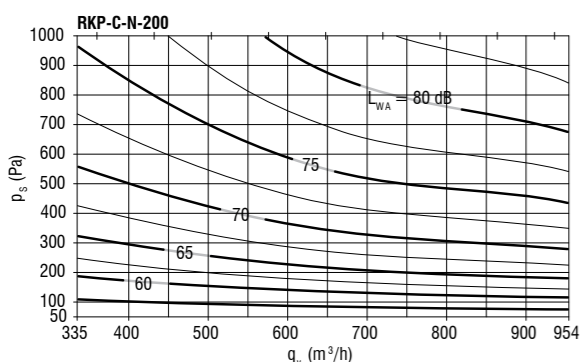
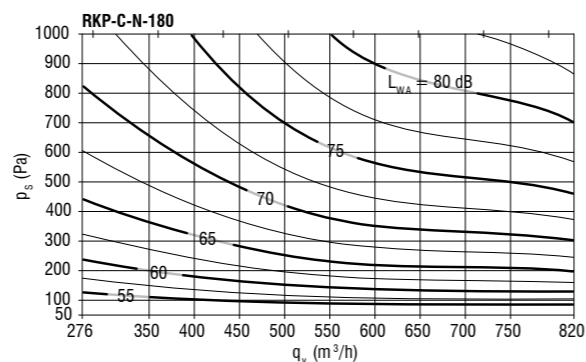
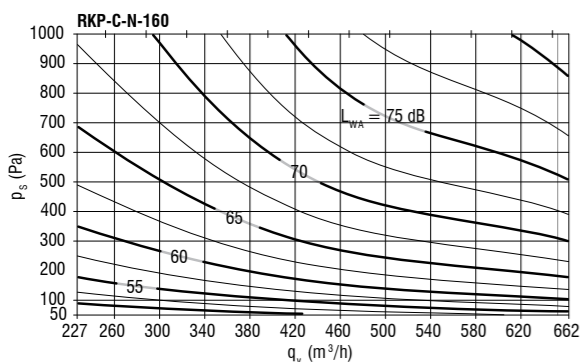
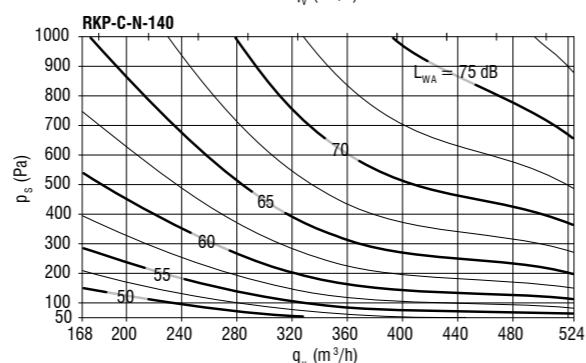
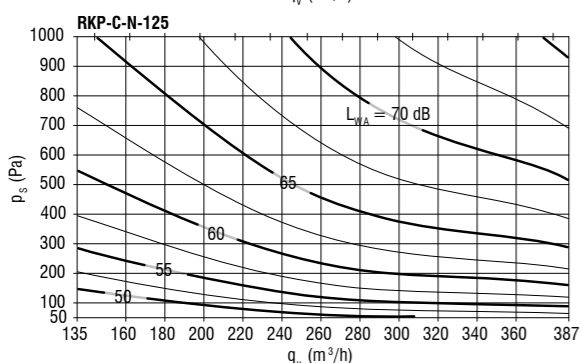
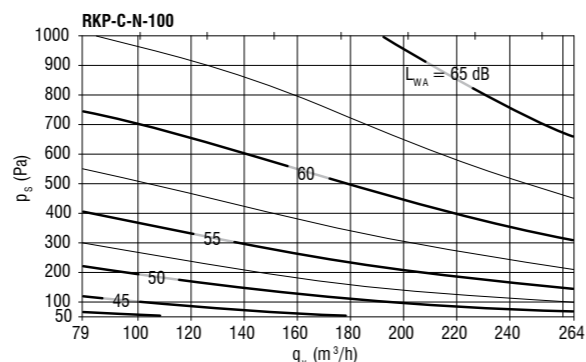
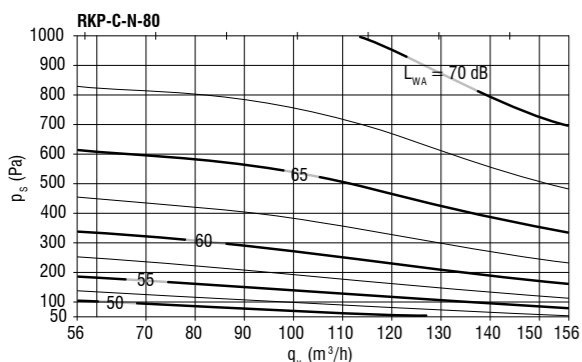
Vgradnja



- Zahtevana dolžina kanala pred regulatorjem je $L \geq 3 \times \text{øD}$. Pri $L < 3 \times \text{øD}$ pride do napake, ki je v povprečju 10% zato takšna namestitvev ni priporočljiva.
- Bodite pozorni na pravilno smer namestitve tako, da zrak vedno vstopi v regulator, kot kaže puščica smer pretoka zraka.
- Vzdrževanje v času uporabe regulatorja ni potrebno.

⚠ Vgradnja vodoravno, poševno ali navpično v kanal tako, da je rotacijska os lamele vedno v vodoravnem položaju.

Diagrami nivoja zvočne moči



Oznaka za naročilo

Mehanski regulator pretoka **RKP-C-N - ØDn - R - V - Z**

Nazivna dimenzija

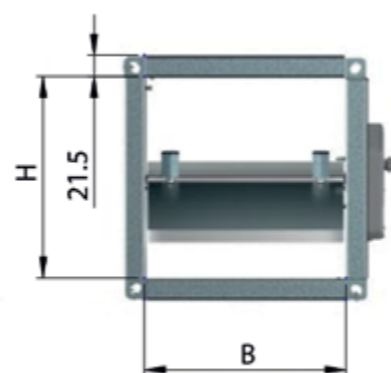
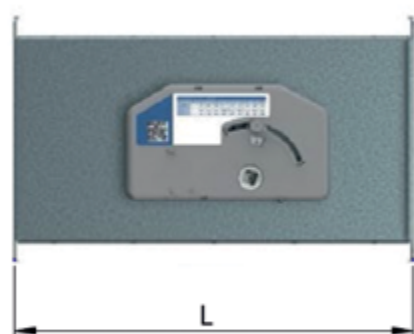
Način nastavljanja pretoka - R (ročno)

Volumski pretok V [m³/h]

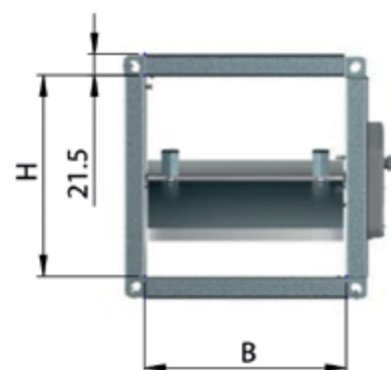
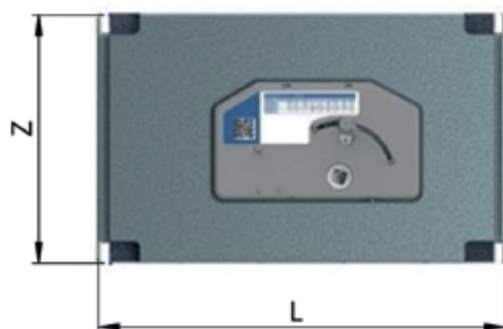
Izolacija



Dimenzije RKP-P-N



Dimenzije RKP-P-Z-N



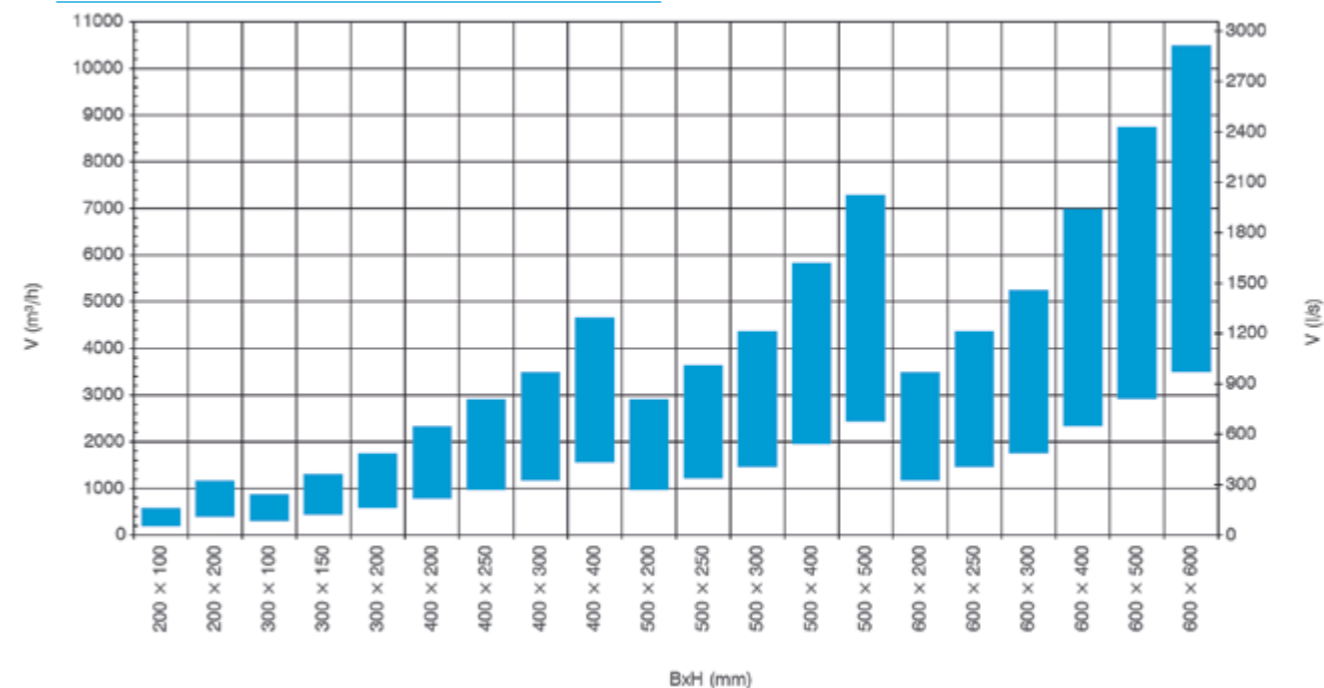
Dimenzije

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
Padec tlaka	(Pa)	732,8	956,2	694,2	794,5	758,5	825,3	833	766,5	833	933,1	797	863,8	876,6	871,2	542,9	663,5	835,6	640,4	650,7	712,3	
V _{max}	(m ³ /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	

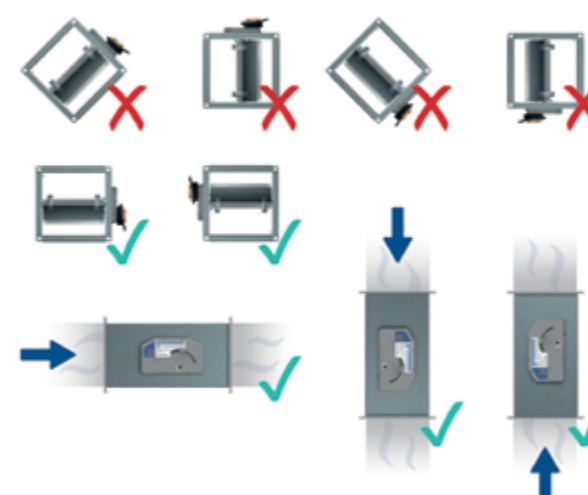
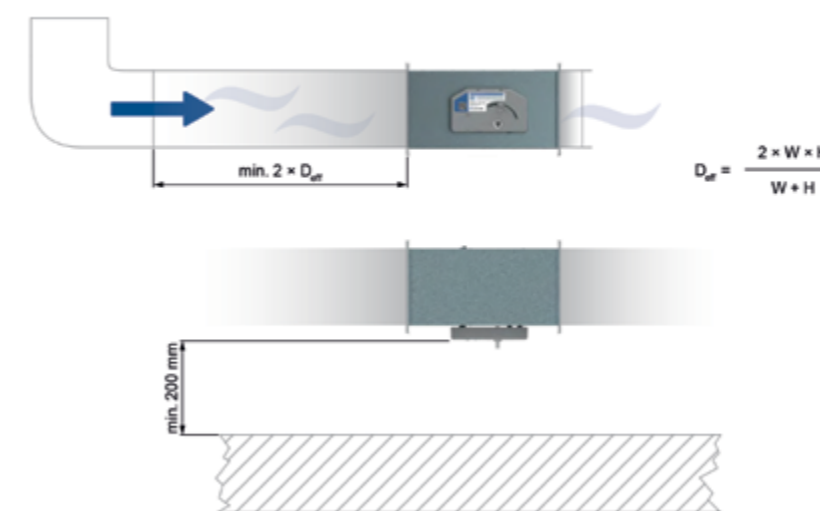
RKP-P-N

- Zasnovan za vzdrževanje konstantnega pretoka zraka v prezračevalnem sistemu brez potrebe po dodatnem viru energije.
- Ohišje iz pocinkane pločevine, lamela iz aluminijaste pločevine.
- Območje delovanja pri hitrostih zraka je od 3 do 8 m / s in tlak > 50 Pa.
- Nastavitev ustreznega konstantnega pretoka z obračanjem pogonskega vijaka na desno stran pokrova in s premikanjem kazalca na oznako pretoka naskali.
 Delovna temperatura: -20...80°C
 Relativna vlažnos: 5...80% rh
 Natančnost konstantnega pretoka: ±5% nastavljene vrednosti
 Zrakotesnost ohišja: razred C

Diagram za hitro izbiro



Vgradnja

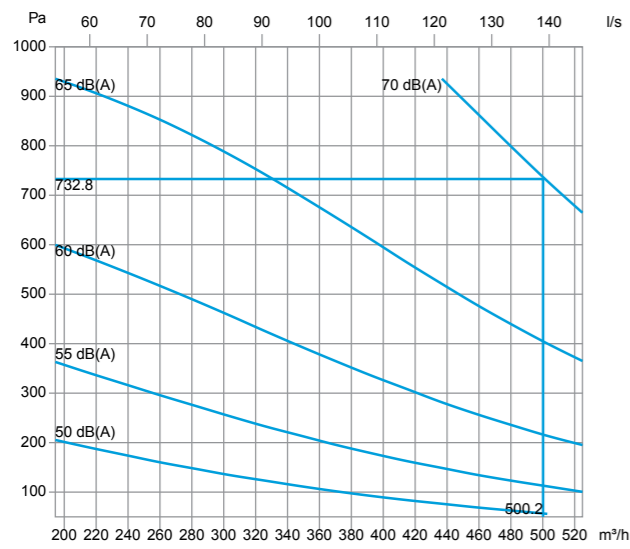


- Zahtevana dolžina kanala pred regulatorjem je $L \geq 3 \times B$. Pri $L < 3 \times B$ pride do napake v povprečju 10% zato takšna namestitvev ni priporočljiva.
- Bodite pozorni na pravilno smer namestitve tako, da zrak vedno vstopi v regulator, kot kaže puščica smeri pretoka zraka.
- Vzdrževanje v času uporabe regulatorja ni potrebno.

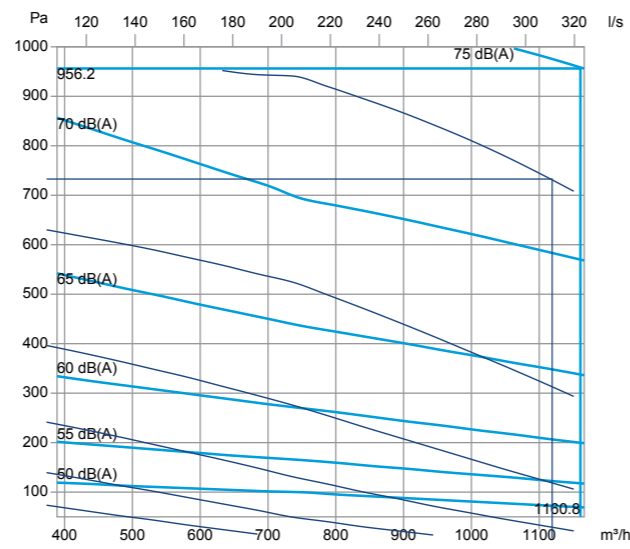


Vgradnja vodoravno, poševno ali navpično v kanal tako, da je rotacijska os lamele vedno v vodoravnem položaju.

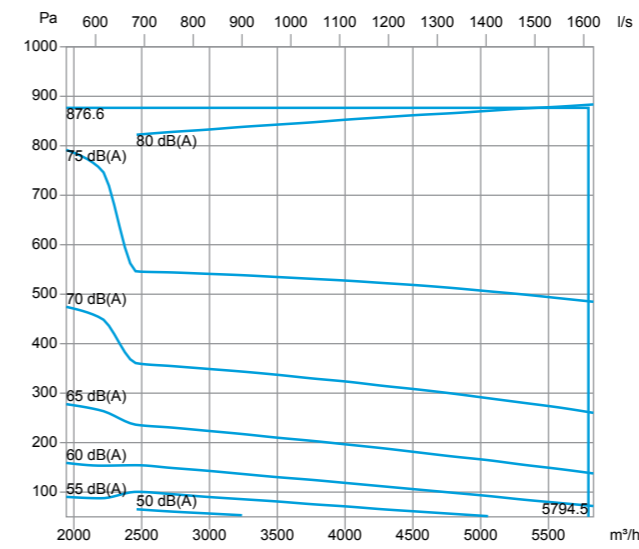
RPK-P-Z-N 200x100



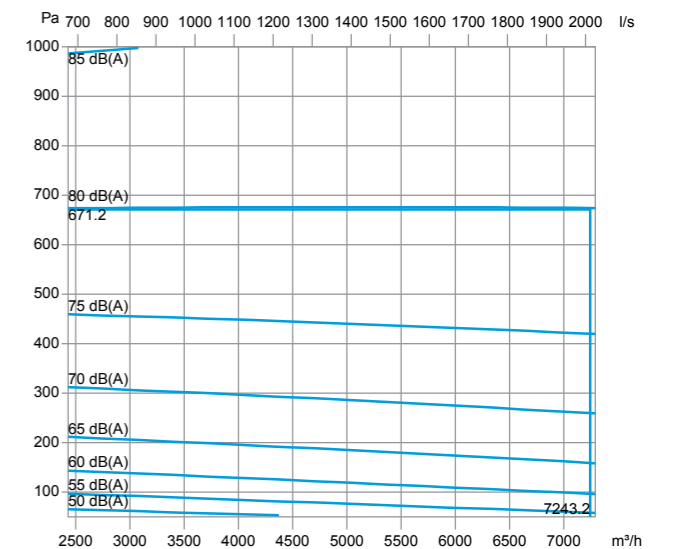
RPK-P-Z-N 200x200



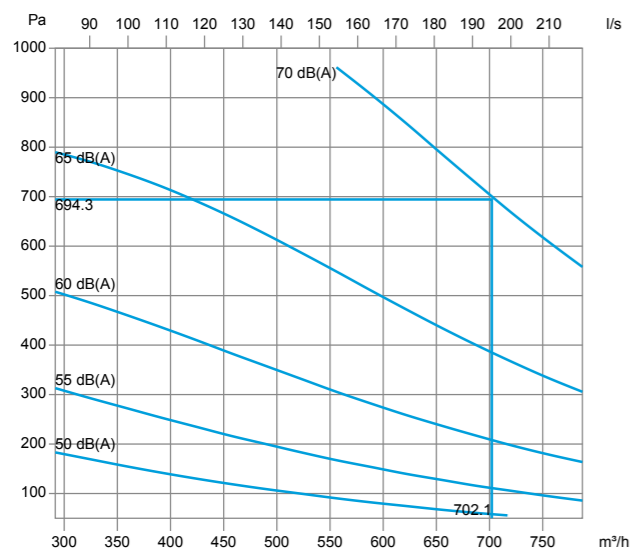
RPK-P-Z-N 500x400



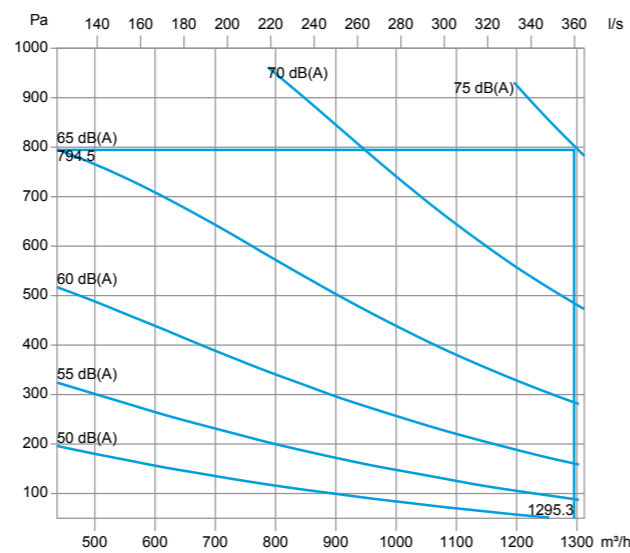
RPK-P-Z-N 500x500



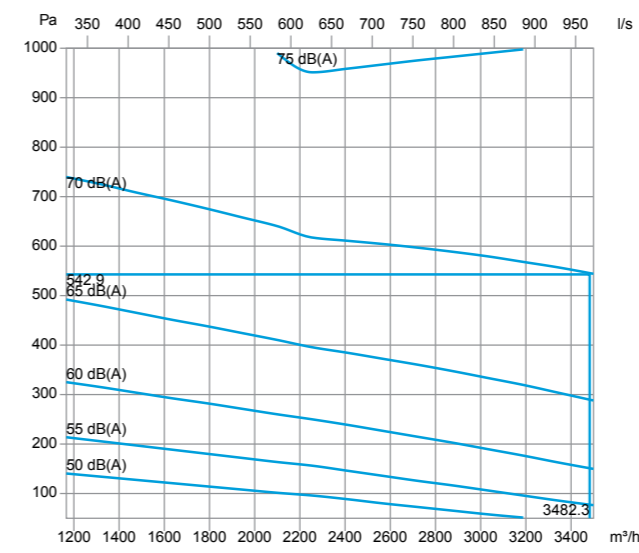
RPK-P-Z-N 300x100



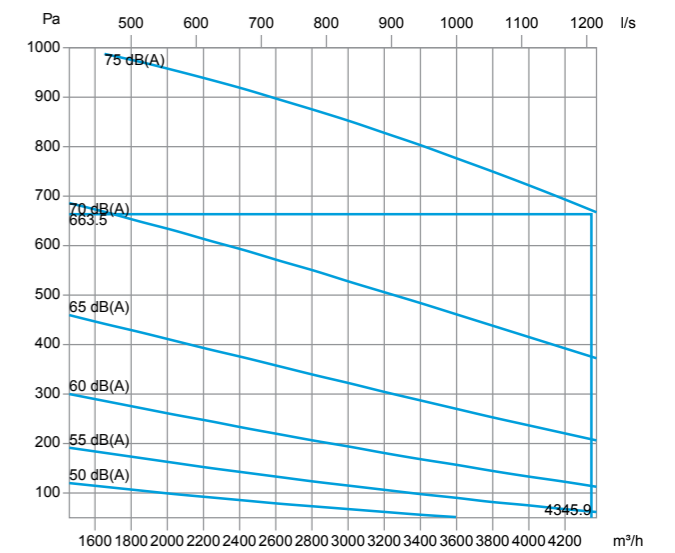
RPK-P-Z-N 300x150



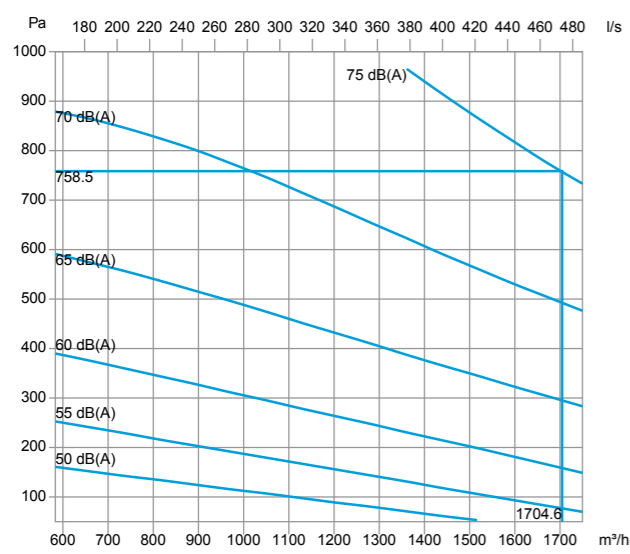
RPK-P-Z-N 600x200



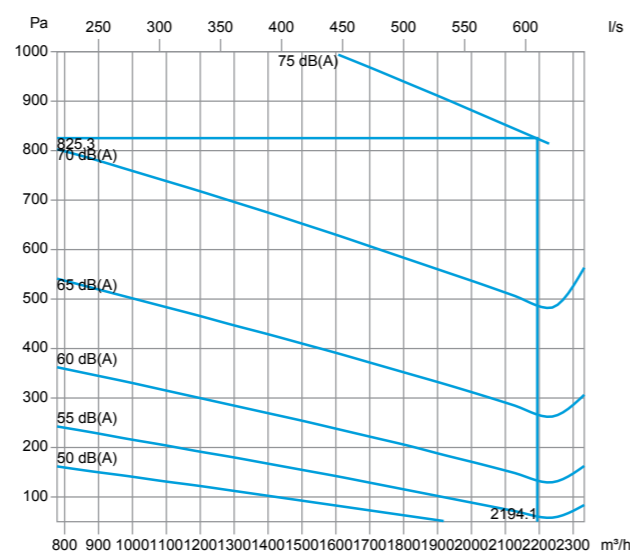
RPK-P-Z-N 600x250



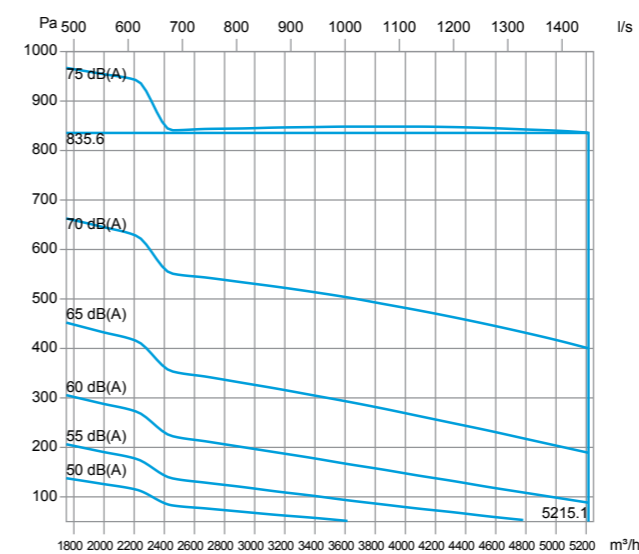
RPK-P-Z-N 300x200



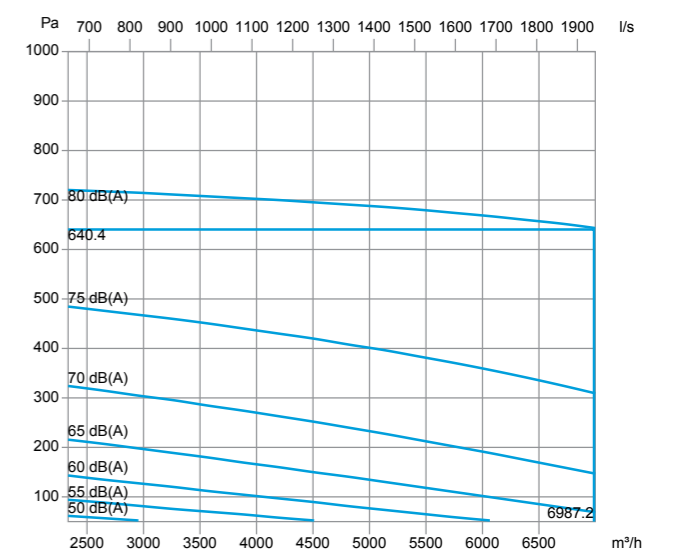
RPK-P-Z-N 400x200



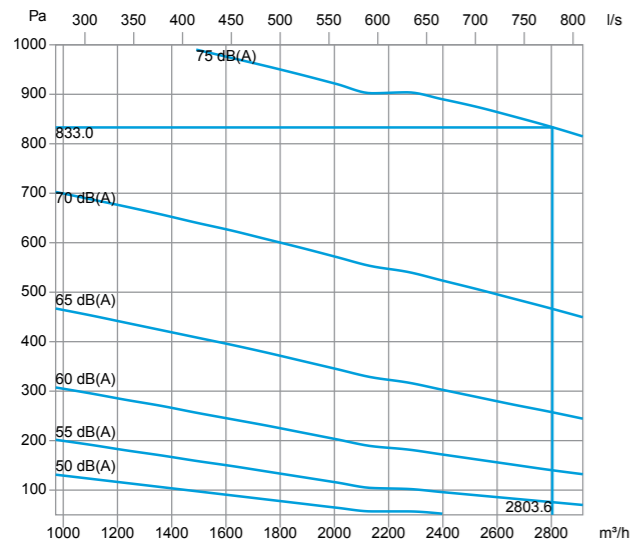
RPK-P-Z-N 600x300



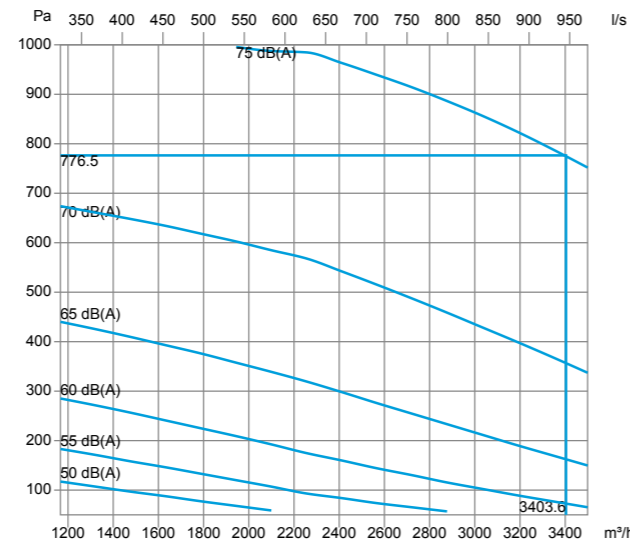
RPK-P-Z-N 600x400



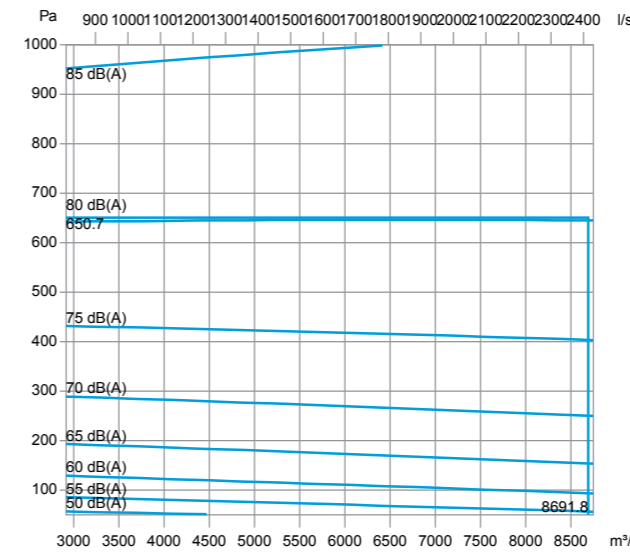
RPK-P-Z-N 400x250-M0



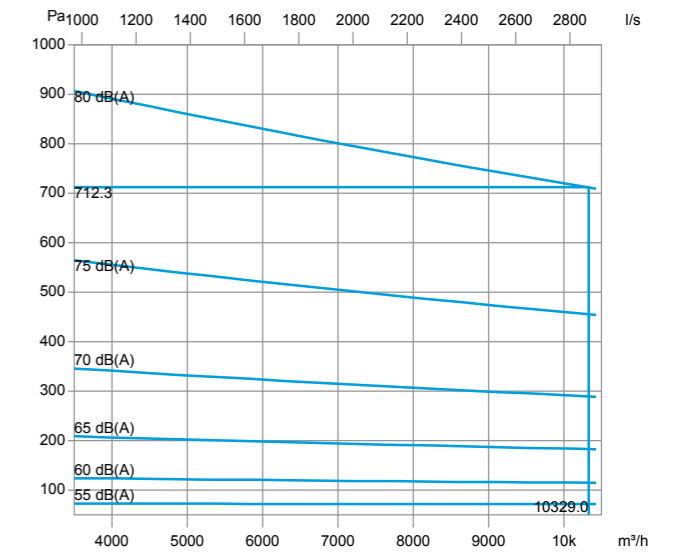
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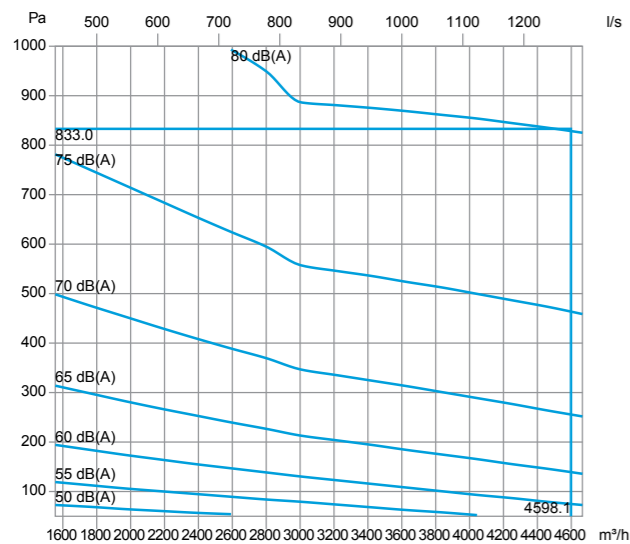
RPK-P-Z-N 600x500



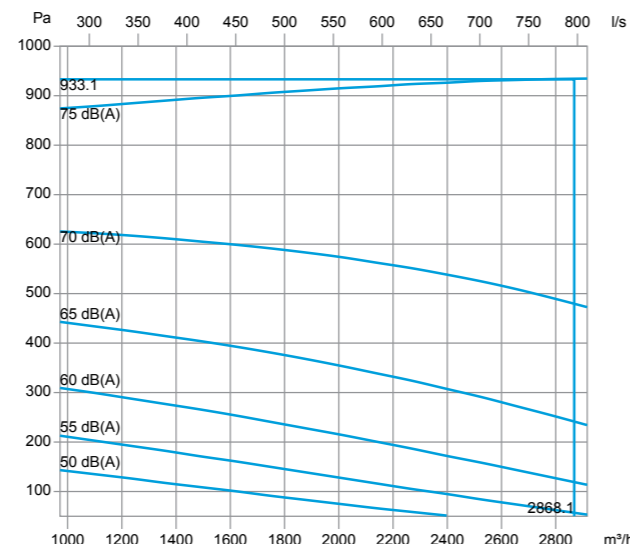
RPK-P-Z-N 600x600



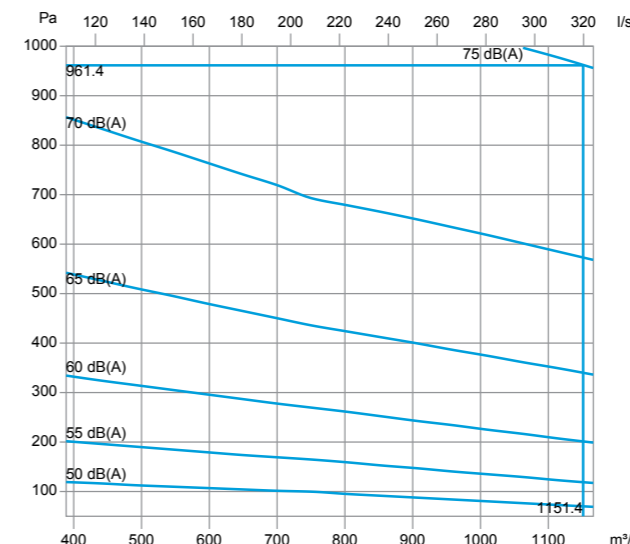
RPK-P-Z-N 400x400



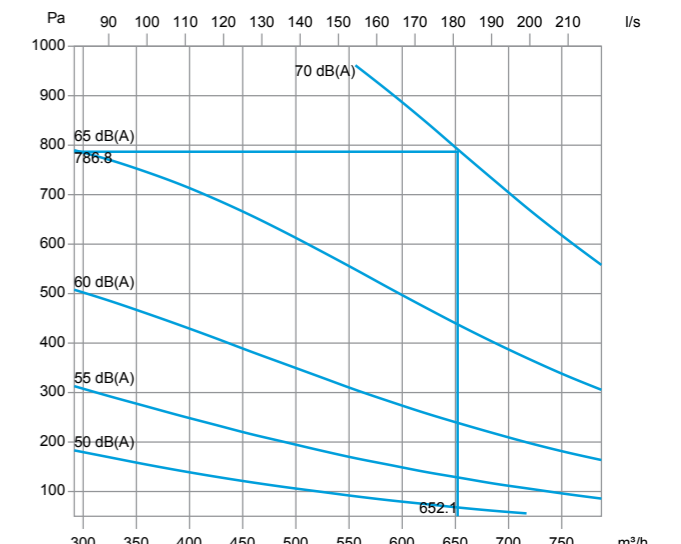
RPK-P-Z-N 500x200



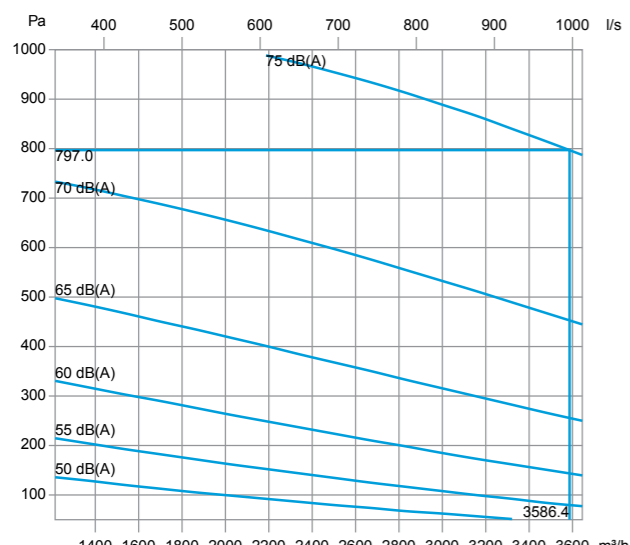
RPK-P-N 200x200



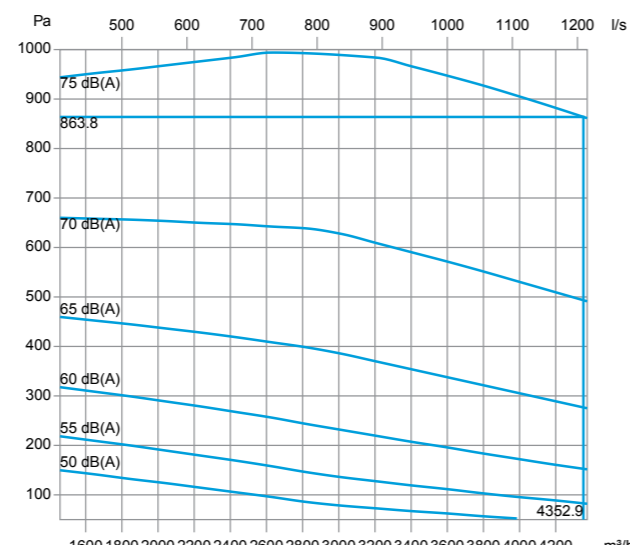
RPK-P-N 300x100



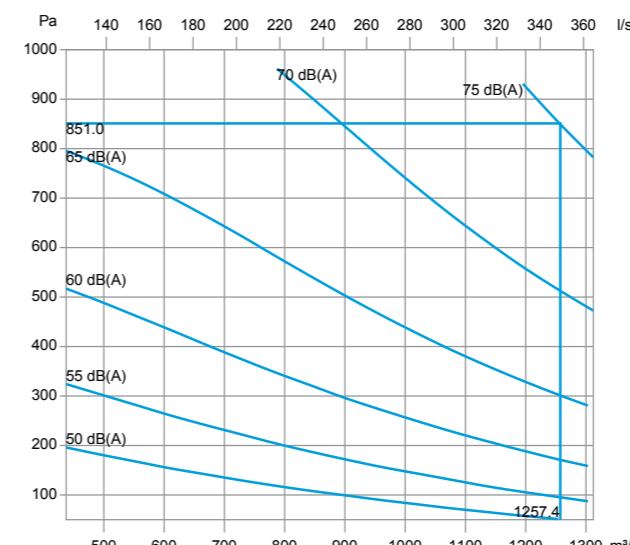
RPK-P-Z-N 500x250



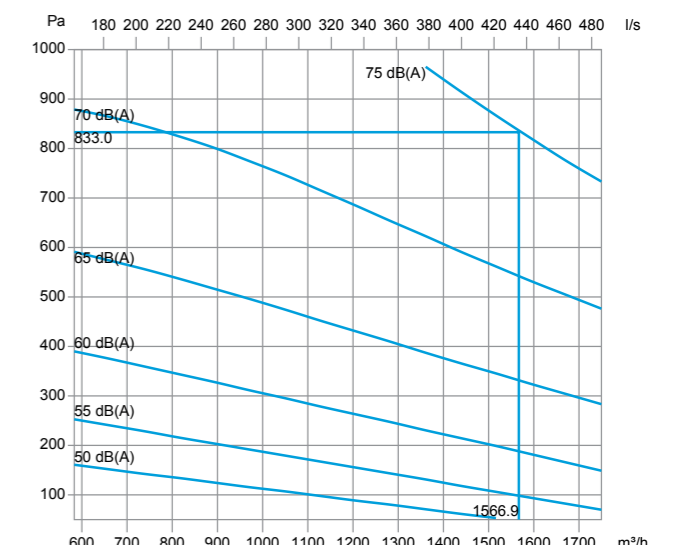
RPK-P-Z-N 500x300



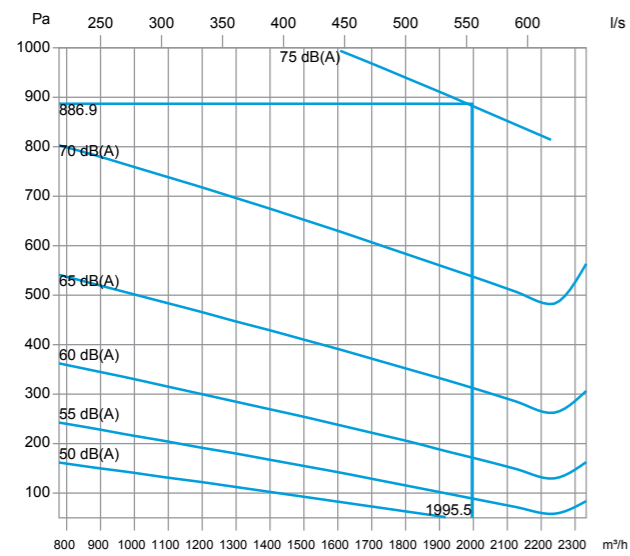
RPK-P-N 300x150



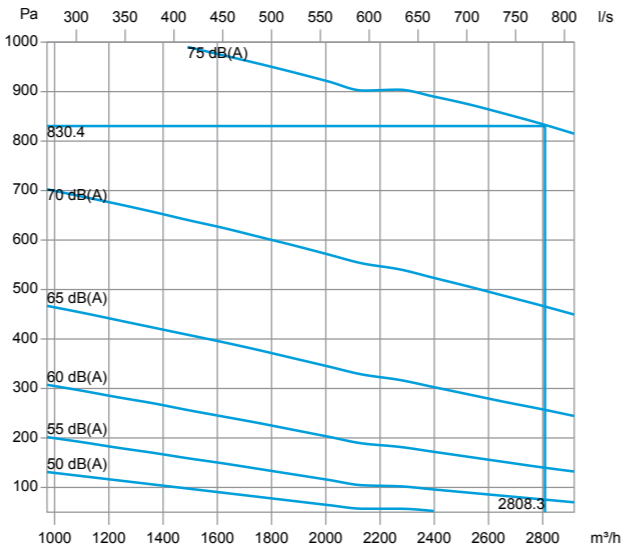
RPK-P-N 300x200



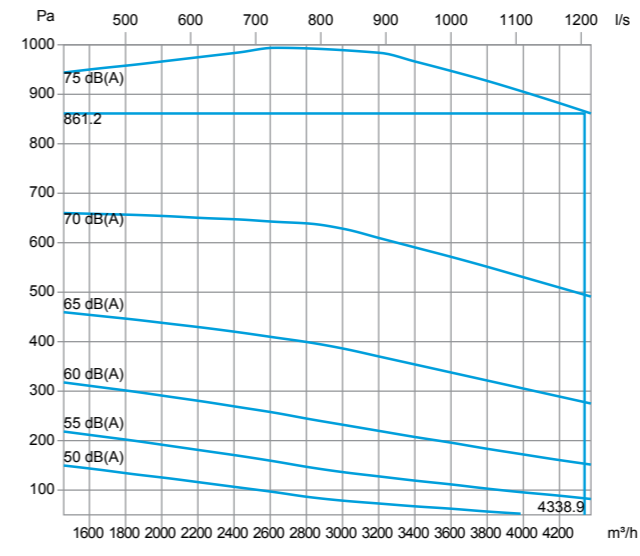
RPK-P-N 400x200



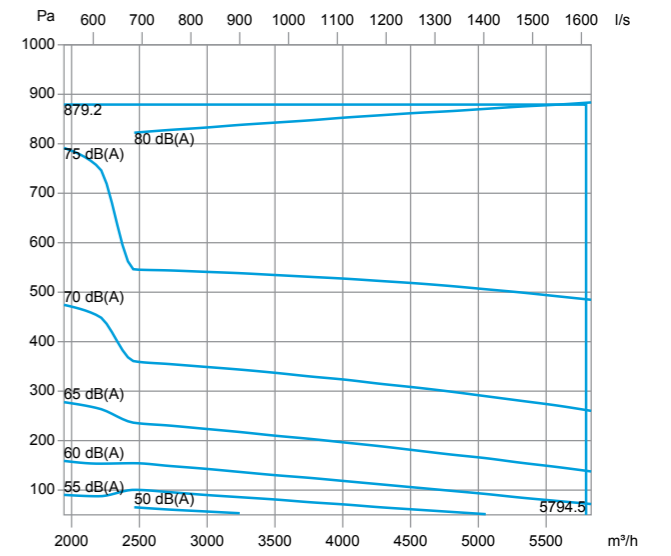
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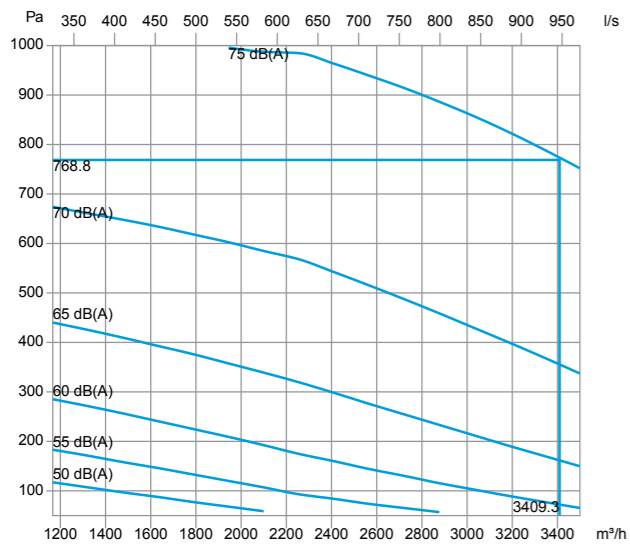
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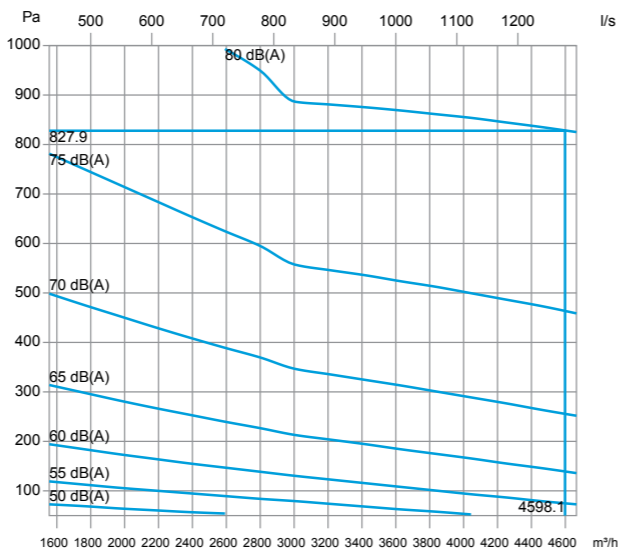
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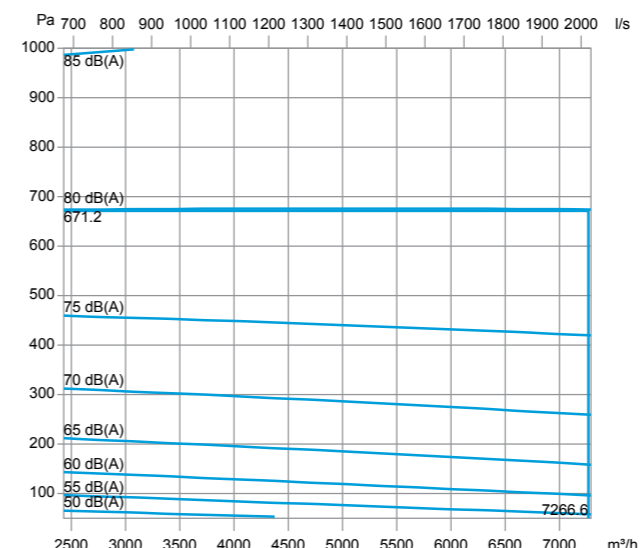
RPK-P-N 400x300



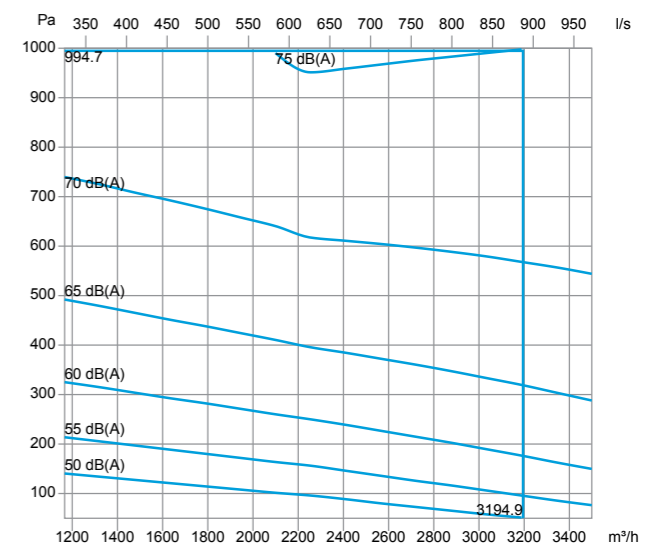
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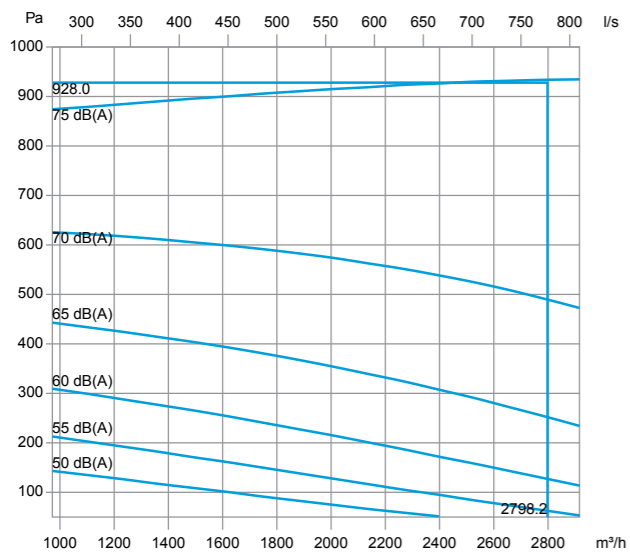
RPK-P-N 500x500



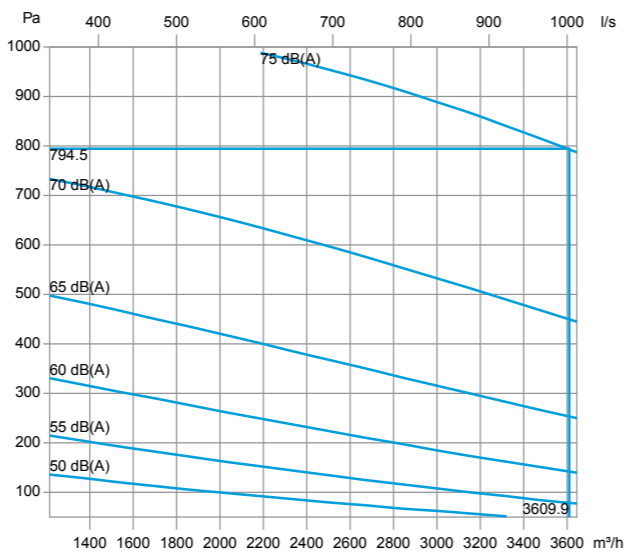
RPK-P-N 600x200



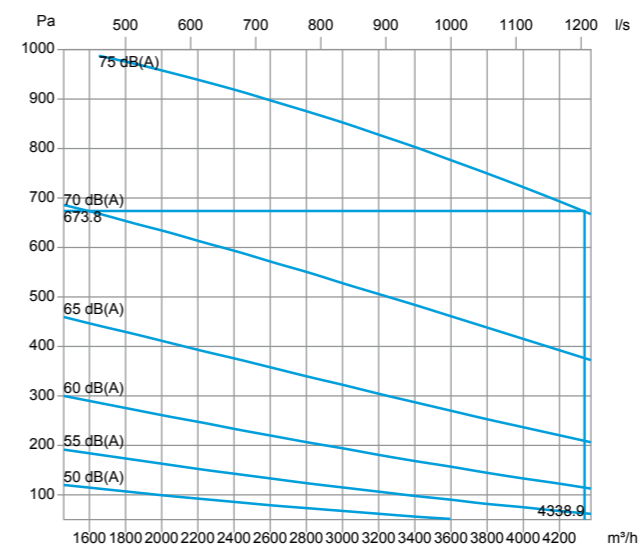
RPK-P-N 500x200



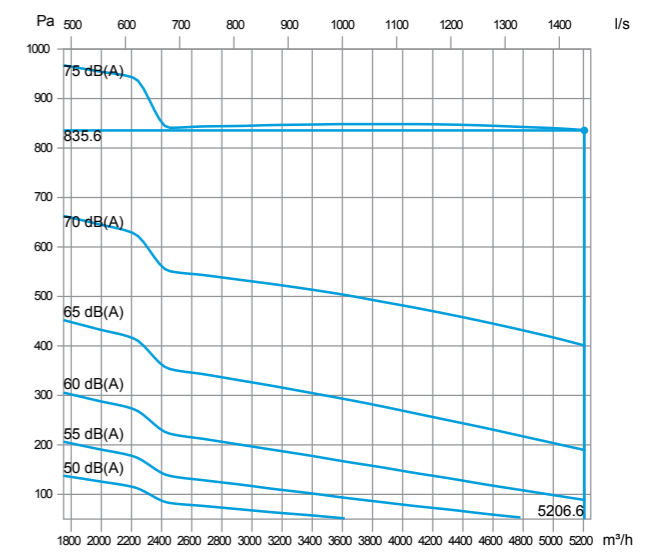
RPK-P-N 500x250

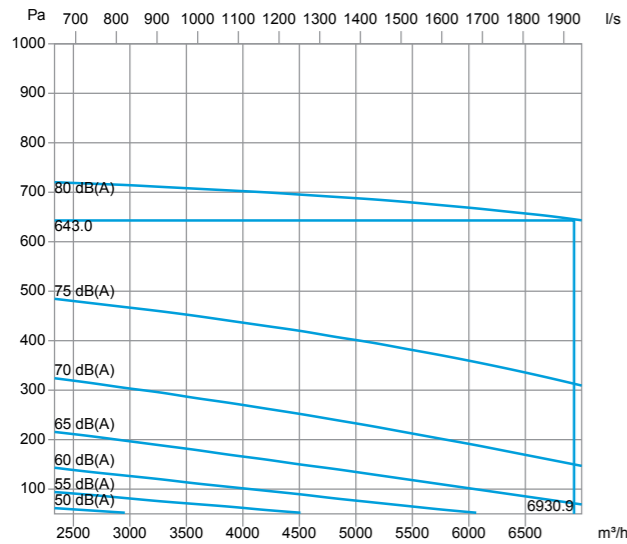
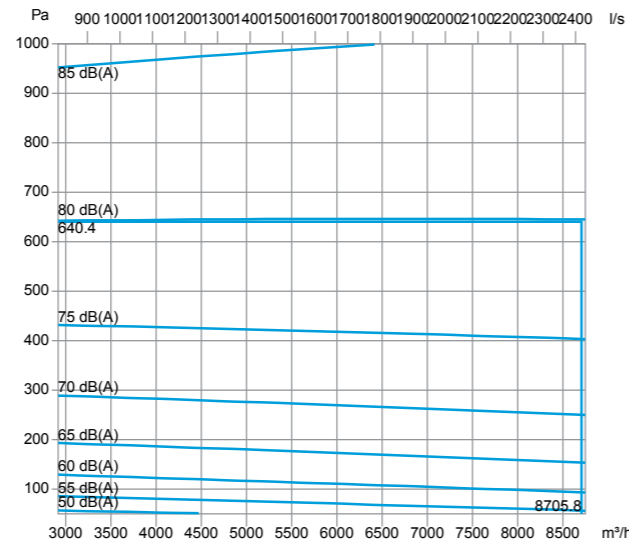
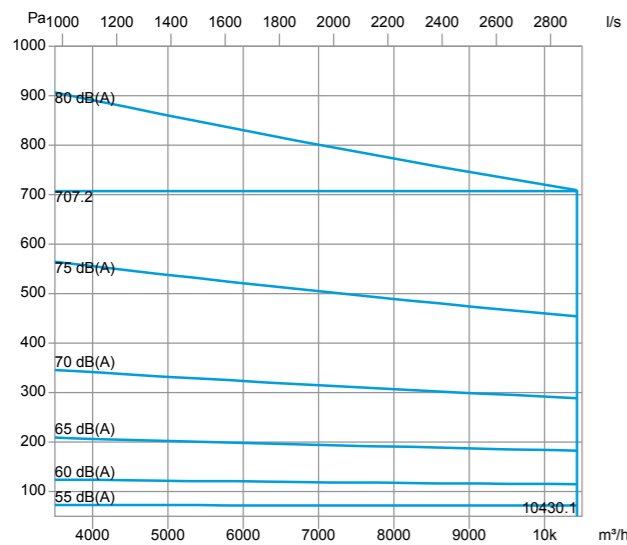


RPK-P-N 600x250



RPK-P-N 600x300



RPK-P-N 600x400

RPK-P-N 600x500

RPK-P-N 600x600

KVR-R

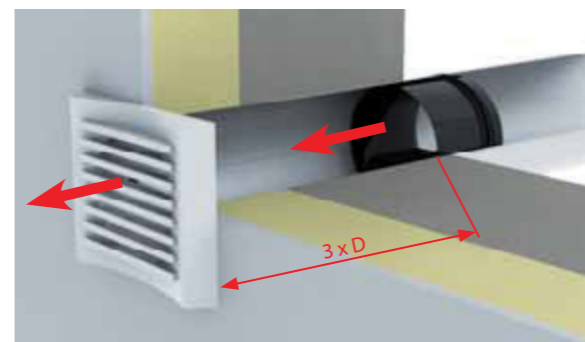
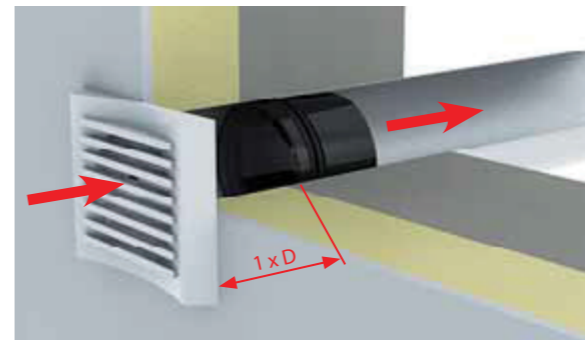
- Namenjen vzdrževanju konstantnega volumskega pretoka v prezračevalnih sistemih brez dodatnega vira energije.
- Regulator iz ognjevzdržnega polimera
- Območje regulacije od 15 do 700 m³ / h s padcem tlaka od 50 do 200 Pa.
- Pretok je mogoče enostavno regulirati znotraj območja regulacije.
- Najvišja delovna temperatura 60 °C

Material

- Ognjevarna plastika klasificirana kot M1
- Ohišje, ventil in bat izdelano iz ognjevarne plastike, vzmeti nerjavno jeklo, zraketesno tesnilo iz gume.

Vgradnja

- Za vstavljanje v kanal
- Primerno za navpično ali vodoravno vgradnjo
- Pri vodoravni namestitvi mora biti oznaka "BAS" vodoravno
- Upoštevajte označeno smer pretoka zraka
- Obvezna razdalja najmanj 3x premera kanala od prezračevalne rešetke ali drugih območji z turbulenco, kot so npr. kolena, prehodi itd.
- Vgradnja na odvodu na razdalji najmanj 1x premera kanala odvodne rešetke
- Regulator mora biti vgrajen tako, da ga lahko kasneje vzdržujete



Oznaka za naročilo:

 Mehanski regulator pretoka **RPK-P-N - B x H - R - V - Z**

Dimenzije

Način nastavljanja pretoka - R (ročno)

 Volumski pretok zraka V [m³/h]

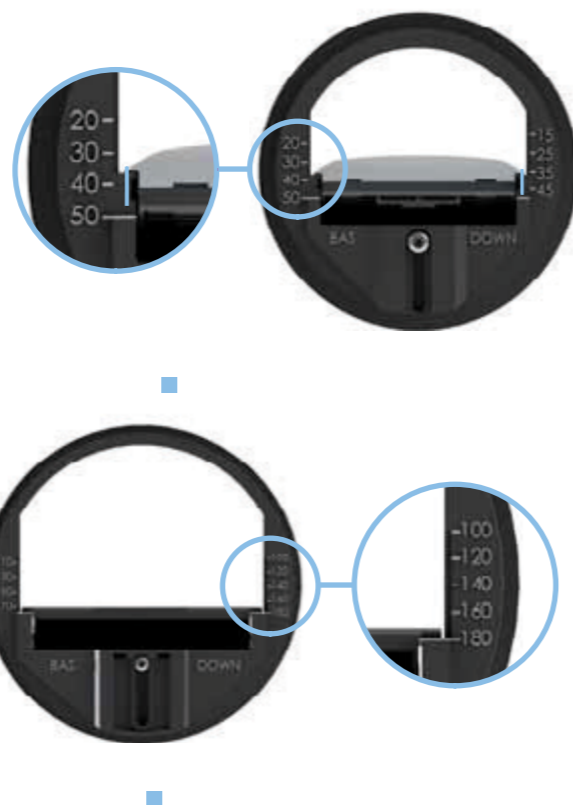
Izolacija

Dimenzije

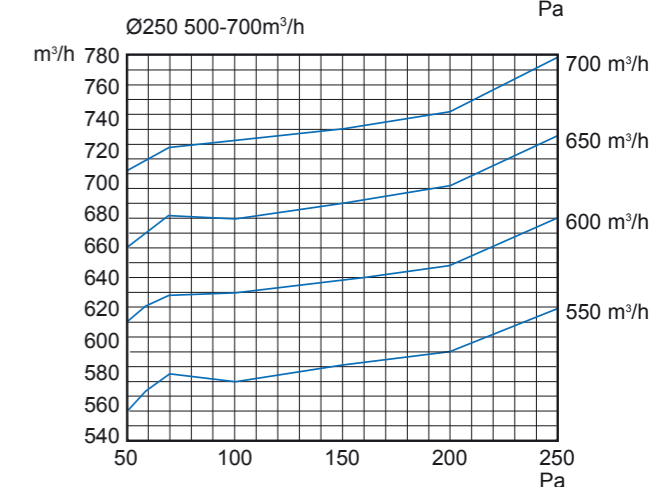
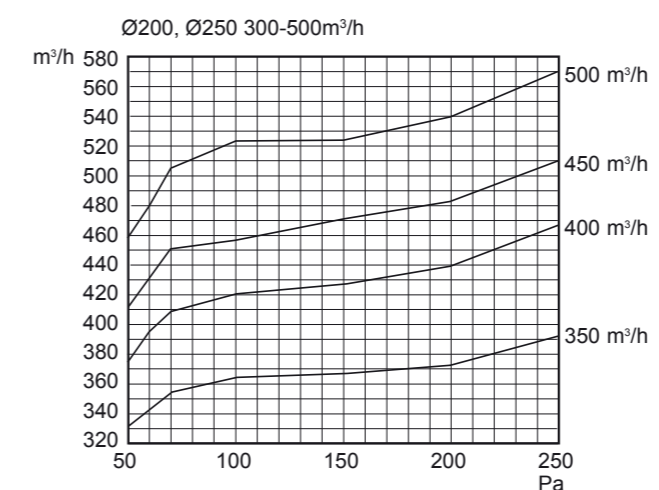
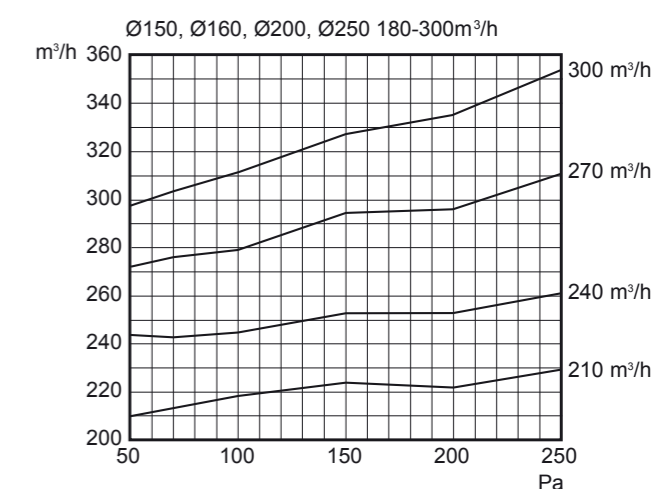
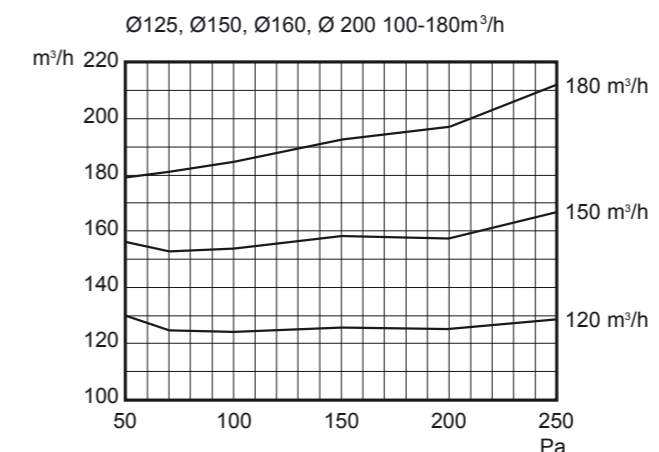
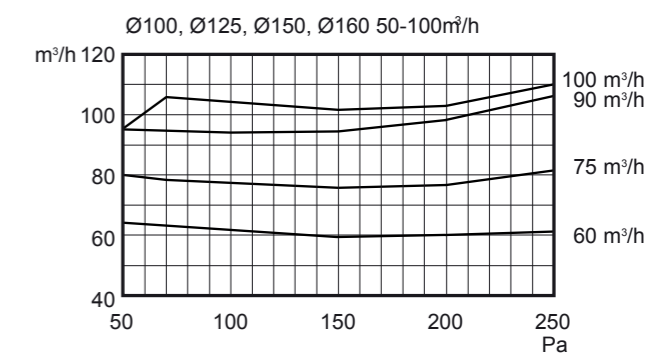
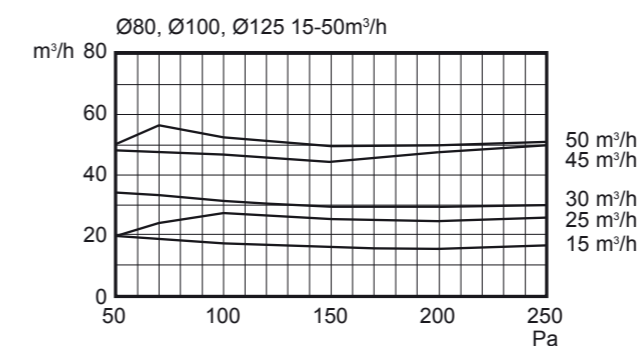
Ø	D1 [mm]	D2 [mm]	L [mm]
80	76	73	55
100	96	93	70
125	120	117	89
150	146	148	91
160	146	148	91
200	190	195	91
250	245	236	127

Konstrukcija

1. Ohišje s tesnilom
2. Distančnik
3. Ohišje regulacijskega elementa
4. Regulacijski element
5. Modul za nadzor pretoka
6. Nastavitveni vijak


Padec tlaka in nivo zvočne moči

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 DIAGRAMI


Oznaka za naročilo:

 Mehanski regulator pretoka **KVR - Ø**

Dimenzija