

Versio

RS14



RS14 med overpart type V

Beskrivelse

RS14 er et kvadratisk rotationsarmatur med faste lameller. RS14 kan anvendes til såvel indblæsning som udsugning. Rotationsmønsteret sikrer høj induktion og et stort dynamik-område. Det er derfor velegnet til horisontal indblæsning af luft med høje undertemperaturer.

- Stort dynamik område
- Høj induktion
- Velegnet til køling med høje undertemperaturer
- Kan anvendes til både indblæsning og udsugning

Bestillingskode

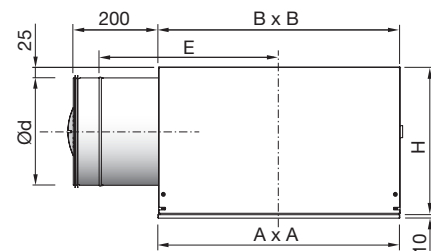
Produkt	RS	14	b	c	d	eee	f
Type							
RS							
Udførelse							
14							
Boks type							
V - H - R							
Anvendelse							
S = Indblæsning							
E = Udsugning							
Spjæld							
0 = Ingen spjæld							
(Boks type : H, V)							
1 = Spjæld							
(Boks type : H, R)							
2 = Spjæld / Måleudtag							
(Boks type : H)							
Tilslutnings dim.							
Ø160-315							
(Boks type : V)							
Ø125-315							
(Boks type : H)							
200x100 -500x100							
(Boks type : R)							
Loft system							
1 - 14							
(Se kapitlet Lofttilpasning.)							

Eksempel: RS-14-V-S-0-200-1



RS14 med trykfordelingsboks type H

Dimensioner



RS14-H	Ød	Mønster	A mm	B mm	H mm	E mm	Vægt kg
	125	400	*-	380	215	350	5.9
	160	400	*-	380	250	350	5.9
	200	500	*-	460	290	390	8.5
	250	600	*-	560	340	420	12.3
	315	600	*-	560	405	420	13.1

Bundplademål A x A afhænger af loftsystem, se "**Lofttilpasning**" for detail mål. Yderligere detaljer på trykfordelingsboks, se "**Trykfordelingsbokse**".

Vedligeholdelse

Bundplade kan demonteres i forbindelse med rengøring af indvendige dele eller for at opnå fri adgang til kanal eller boks. De synlige dele af armaturet kan aftørres med en fugtig klud.

Materialer og finish

Overpart/trykfordelingsboks :

Materiale : Galvaniseret stål

Bundplade :

Materiale : Galvaniseret stål

Standard finish: Pulverlakeret

Standard farve : RAL 9003, glans 30

Armaturet kan leveres i andre farver. Kontakt venligst Lindab salgsafdeling for nærmere information.

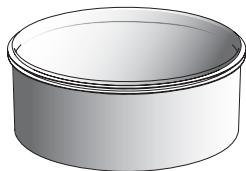
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Tilbehør

Forlængerstykke

MBZ



Bestillingskode

Produkt MBZ aaa
Type
Størrelse

Eksempel: MBZ-200

Ophængningsbeslag

PBB



Ophængning

MHS



Bestillingskode

Produkt MHS
Type

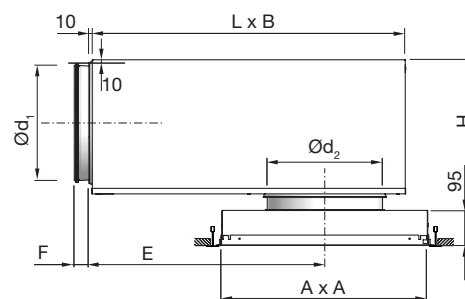
Eksempel: MHS

Trykfordelingsboks

MBB



RS14-V + MBB



RS14-V + MBB							
Kanal	RS14-V	Mønster	B	E	F	H*	L
Ød ₁ mm	Ød ₂ mm		mm	mm	mm	mm	mm
100	160	400	260	216	50	255 - 295	310
125	160	400	310	262	50	280 - 320	376
125	200	400	310	262	50	280 - 320	376
160	160	400	380	323	50	314 - 354	459
160	200	400	380	323	50	314 - 354	459
160	250	500	380	323	50	314 - 354	459
200	200	400	460	396	70	355 - 395	565
200	250	500	460	396	70	355 - 395	565
200	315	600	460	396	70	355 - 395	565
250	250	500	540	486	70	405 - 445	698
250	315	600	540	486	70	405 - 445	698
315	315	600	540	646	70	470 - 510	858

* Anvendes tilbehør MBZ vil H-mål øges:

Ød₂ = 160 - 200 mm => H + 40 mmØd₂ = 250 - 315 mm => H + 60 mm

Bestillingskode

Produkt MBB aaa bbb c
Type
MBB
Kanaltilslutning Ød₁
Ø100-315
Armaturlutslutning Ød₂
Ø160-315
Anvendelse
S = Indblæsning
E = Udsugning

Eksempel: RS-14-V-S-0-200-1+MBB-200-200-S

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Tekniske data

Kapacitet

Volumenstrøm q_v [l/s] og [m³/h] totaltryk Δp_t [Pa], kaste-længde $l_{0,2}$ [m] samt lydniveau L_{WA} [dB(A)] aflæses i diagrammerne.

Frekvensopdelt lydeffektniveau

Lydeffektniveauet i frekvensbånd er defineret som $L_{WA} + K_{OK}$. K_{OK} -værdierne er angivet i skemaform under diagrammerne på de følgende sider.

Hurtigvalg, indblæsning

RS14-V + MBB

RS14-V + MBB		$\Delta p_t \geq 50$ Pa 30 dB(A)		$\Delta p_t \geq 50$ Pa 35 dB(A)	
Kanal	RS14-V				
$\varnothing d_1$	$\varnothing d_2$	l/s	m ³ /h	l/s	m ³ /h
100	160	33	119	41	148
125	160	44	158	52	187
125	200	49	176	59	212
160	160	38	137	46	166
160	200	51	184	62	223
160	250	67	241	85	306
200	200	65	234	77	277
200	250	77	277	95	342
200	315	100	360	124	446
250	250	89	320	104	374
250	315	110	396	132	475
315	315	129	464	151	544

Indblæsning

RS14 + H

RS14 + H	Minimum		$\Delta p_t \geq 50$ Pa		$\Delta p_t \geq 50$ Pa	
Størrelse Ød			30 dB(A)		35 dB(A)	
mm	l/s	m³/h	l/s	m³/h	l/s	m³/h
125	26	93	28	101	34	122
160	33	118	53	191	63	227
200	57	204	65	234	80	288
250	71	254	89	320	107	385
315	95	342	-	-	148	533

Egendæmpning

Armaturernes egendæmpning ΔL fra kanal til rum inklusive enderefleksion, se nedenstående tabeller.

RS14-V + MBB

RS14-V + MBB		Middelfrekvens Hz							
Kanal	RS14-V	63	125	250	500	1K	2K	4K	8K
$\varnothing d_1$	$\varnothing d_2$								
100	160	20	16	5	19	20	19	18	21
125	160	16	13	9	20	18	18	19	20
125	200	14	12	6	17	16	16	18	19
160	160	17	16	10	24	20	20	21	21
160	200	15	15	7	22	21	19	20	21
160	250	15	14	5	20	16	16	17	19
200	200	14	11	7	18	21	17	20	18
200	250	13	9	5	17	18	16	18	17
200	315	13	8	3	15	17	15	17	16
250	250	15	8	7	18	18	18	18	19
250	315	15	7	6	16	16	17	17	18
315	315	8	11	8	16	18	17	17	22

RS14 + H

RS14 + H								
Størrelse Ød	Middelfrekvens Hz							
mm	63	125	250	500	1K	2K	4K	8K
125	18	13	8	18	14	11	12	14
160	17	13	3	14	13	7	7	8
200	15	10	3	13	9	6	8	10
250	12	9	6	11	8	7	10	12
315	12	7	7	13	8	7	10	12

RS14 + R

RS14 + R								
Størrelse	Middelfrekvens Hz							
mm	63	125	250	500	1K	2K	4K	8K
200x100	19	14	9	6	5	3	3	4
300x100	16	11	5	5	6	5	3	4
400x100	13	8	2	3	4	5	4	5
500x100	12	7	2	4	2	5	5	5

Montage og indregulerings vejledning

For yderligere information se www.lindqst.com og Montage- og indreguleringsvejledning.

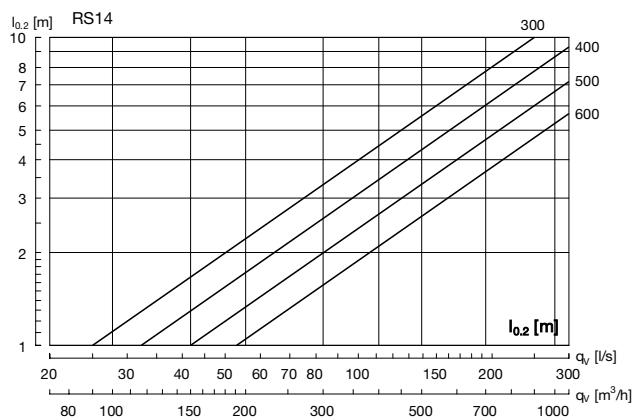
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Tekniske data

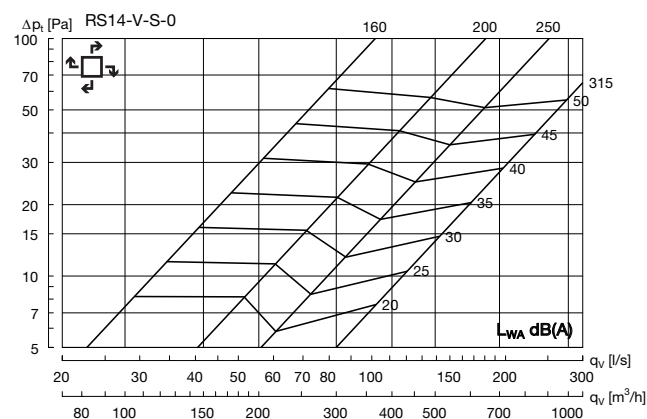
Kastelængde $l_{0,2}$

Kastelængde $l_{0,2}$ [m] er angivet ved en sluthastighed på 0,2 m/s. Benævnelsen ved linierne angiver mønsteret på bundpladen.



RS14-V uden trykfordelingsboks -

Indblæsning

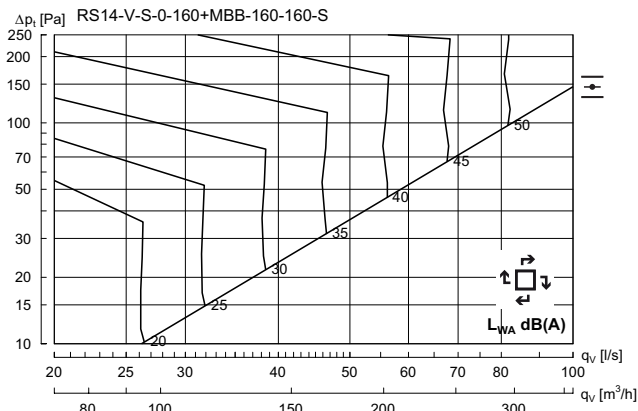


Versio

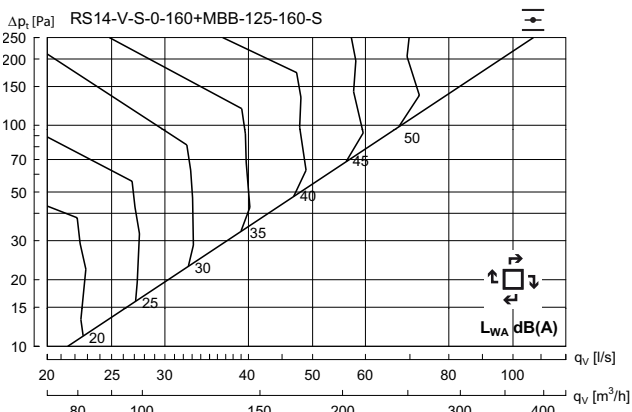
RS14

Tekniske data

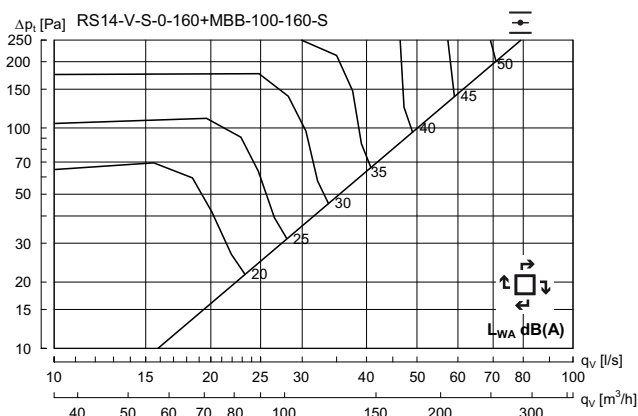
RS14-V 160 + MBB - Indblæsning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	8	2	-1	1	-7	-17	-26	-36

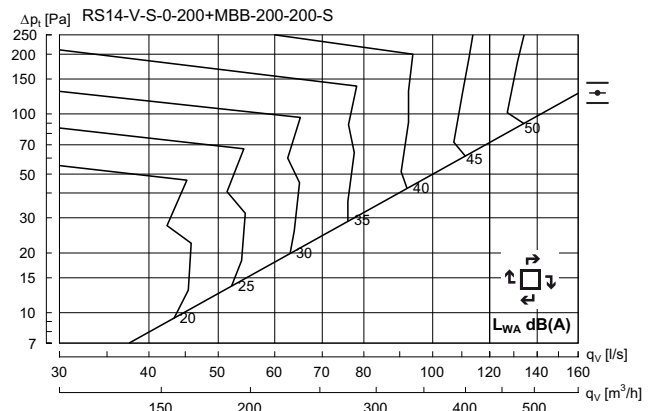


Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	10	4	-1	1	-7	-17	-24	-29

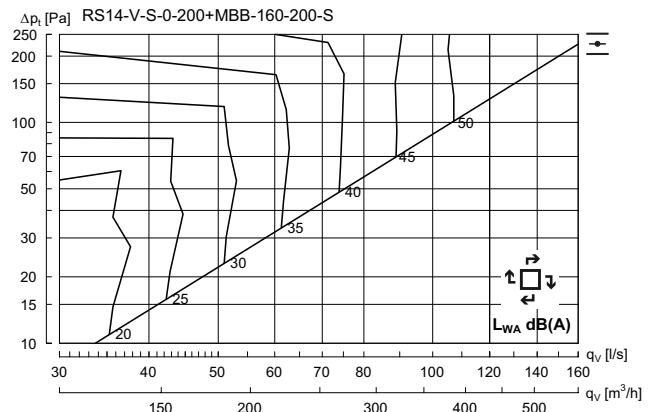


Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	10	4	2	-1	-7	-13	-18	-22

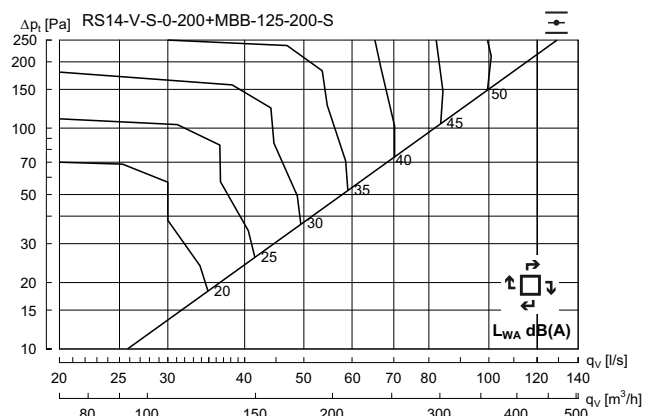
RS14-V 200 + MBB - Indblæsning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	11	0	-5	0	-4	-15	-26	-36



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	11	2	-1	0	-6	-15	-24	-33



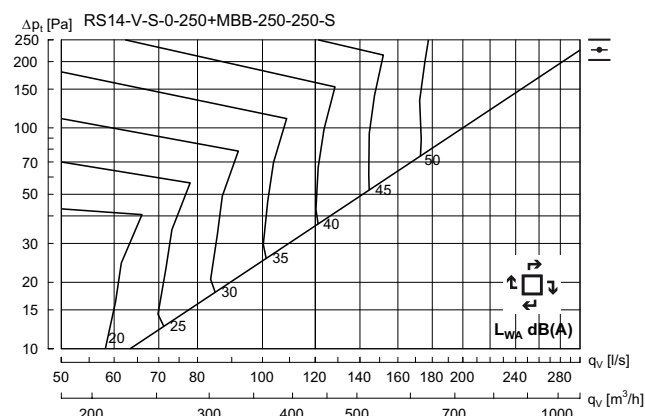
Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	10	4	2	-1	-7	-13	-18	-22

Versio

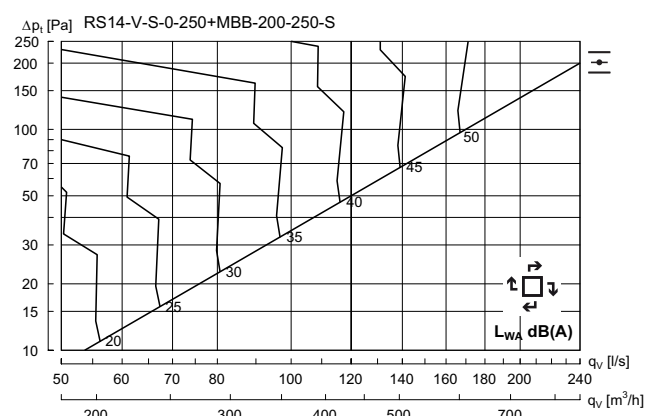
RS14

Tekniske data

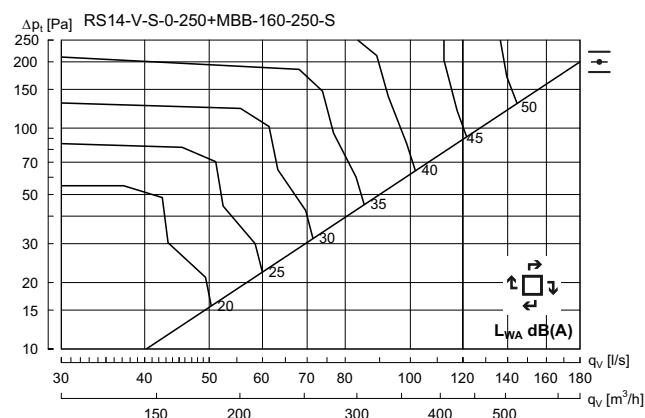
RS14-V 250 + MBB - Indblæsning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	8	-1	-6	1	-5	-18	-29	-40

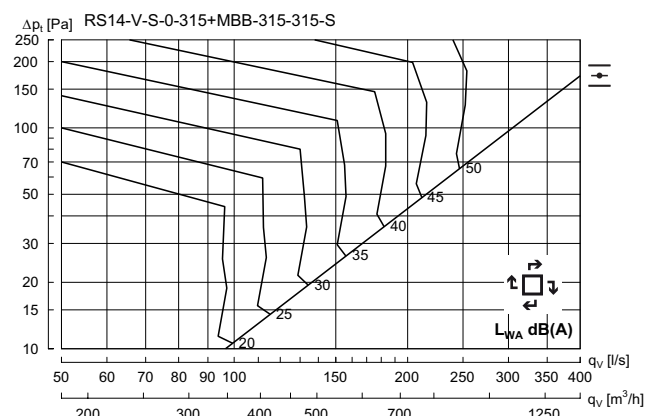


Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	9	2	-3	0	-5	-17	-26	-29

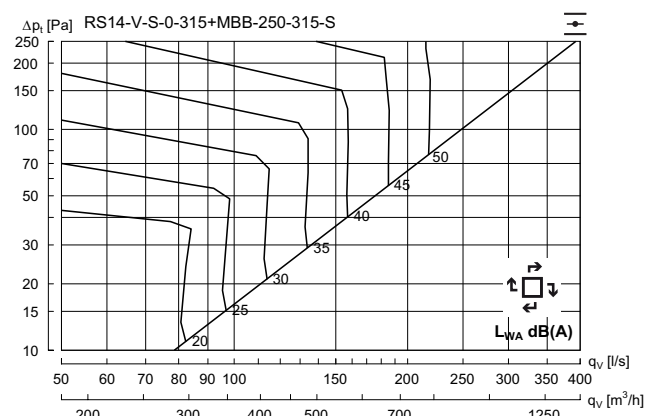


Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	13	5	-1	-1	-5	-14	-20	-26

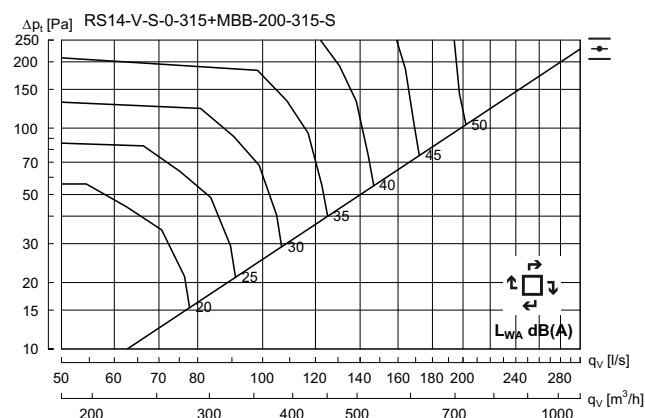
RS14-V 315 + MBB - Indblæsning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	11	-1	-3	0	-5	-17	-25	-28



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	12	2	-3	0	-5	-15	-22	-30

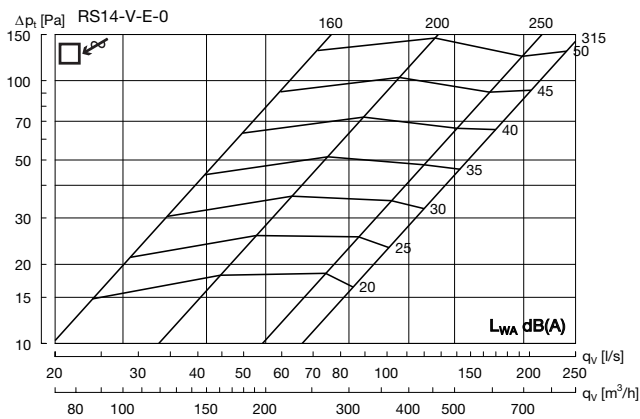


Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	13	4	-1	-1	-6	-14	-19	-25

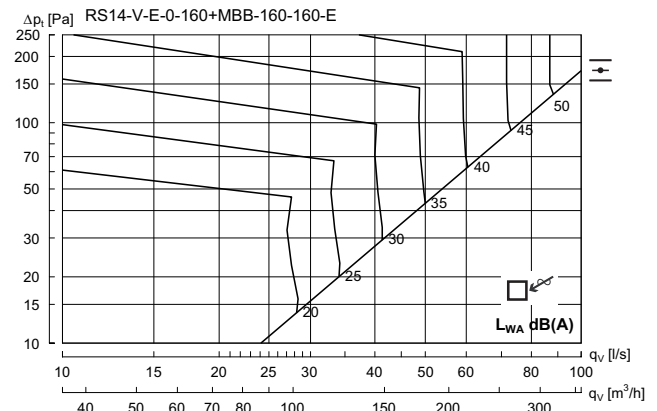
Versio

RS14

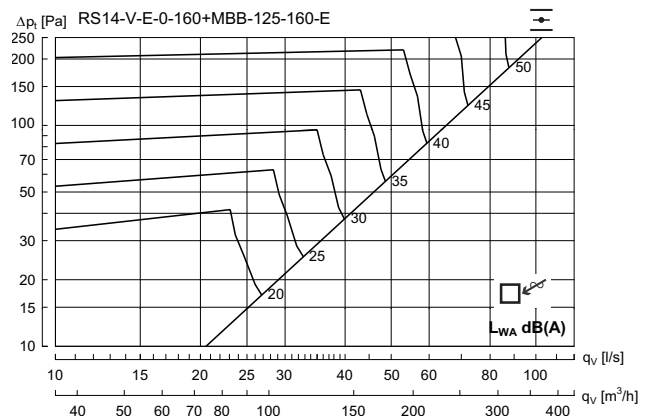
Tekniske data

RS14-V uden trykfordelingsboks -
Udsugning

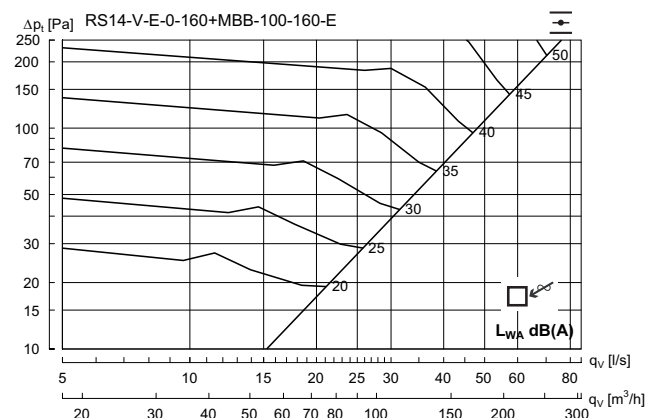
RS14-V 160 + MBB - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	12	2	-1	-1	-5	-13	-22	-31



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	11	4	-1	-1	-5	-13	-19	-27



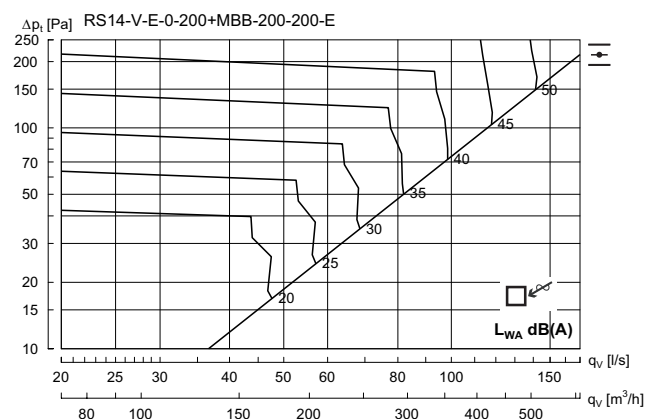
Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	11	4	4	-2	-9	-13	-17	-23

Versio

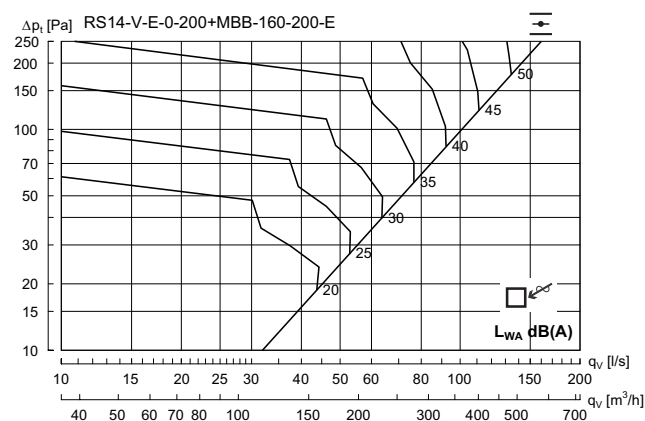
RS14

Tekniske data

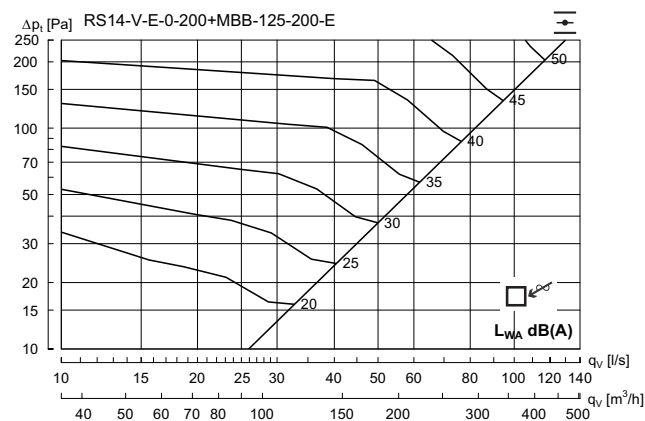
RS14-V 200 + MBB - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	13	4	-1	-1	-5	-12	-20	-28

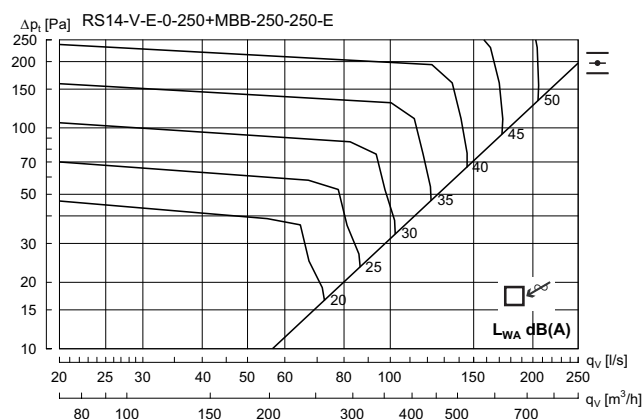


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	16	6	0	-2	-6	-12	-18	-25

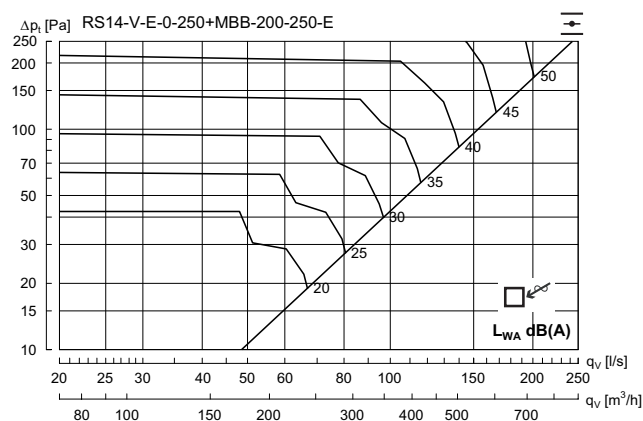


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	11	4	2	-1	-7	-12	-16	-23

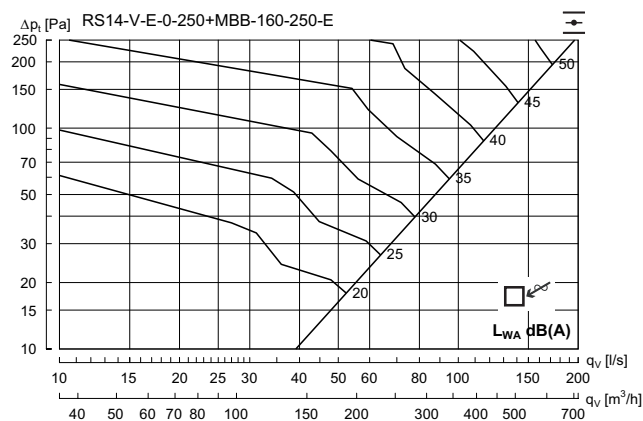
RS14-V 250 + MBB - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	8	5	0	-1	-5	-11	-20	-28



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	14	5	1	-2	-5	-11	-19	-26



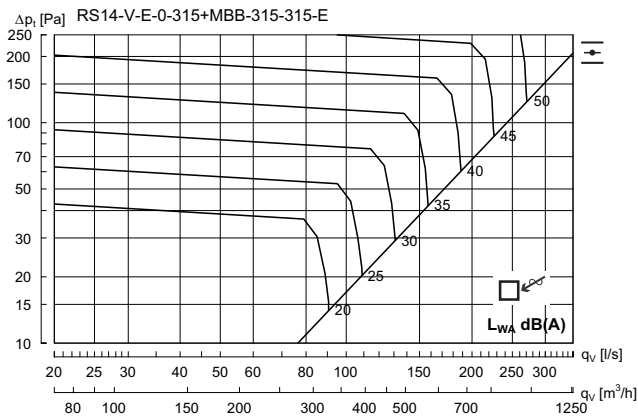
Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	15	7	1	-2	-7	-11	-17	-22

Versio

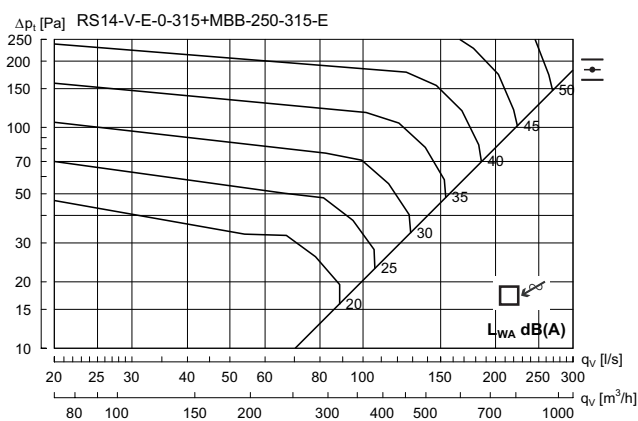
RS14

Tekniske data

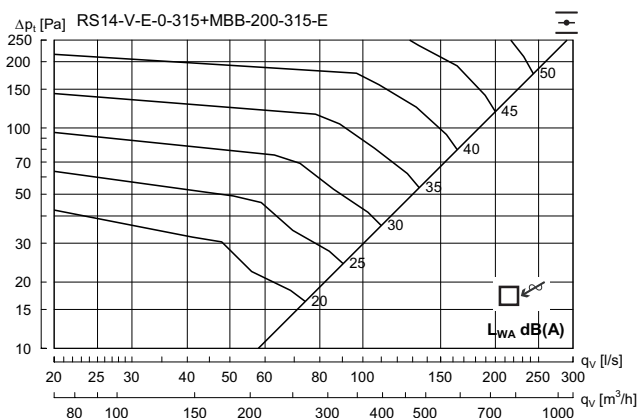
RS14-V 315 + MBB - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	11	4	1	-2	-5	-13	-22	-32



Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	10	6	2	-2	-5	-12	-19	-27



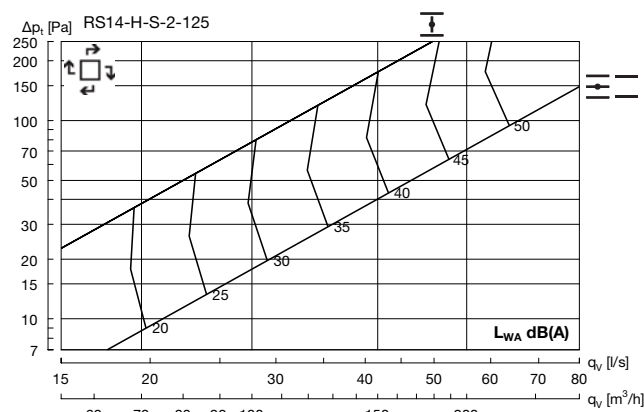
Hz	63	125	250	500	1K	2K	4K	8K
K_{ek}	14	5	2	-2	-6	-11	-16	-24

Versio

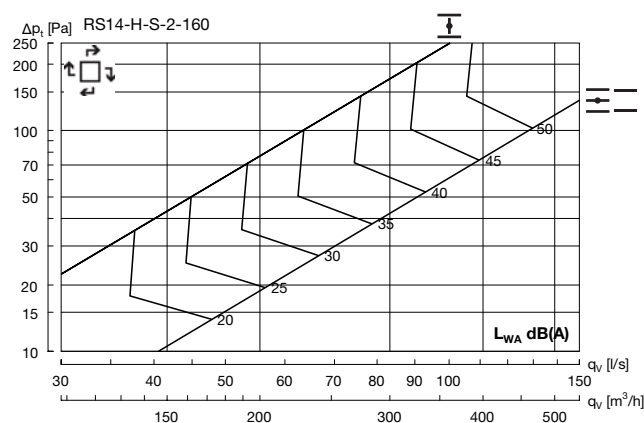
RS14

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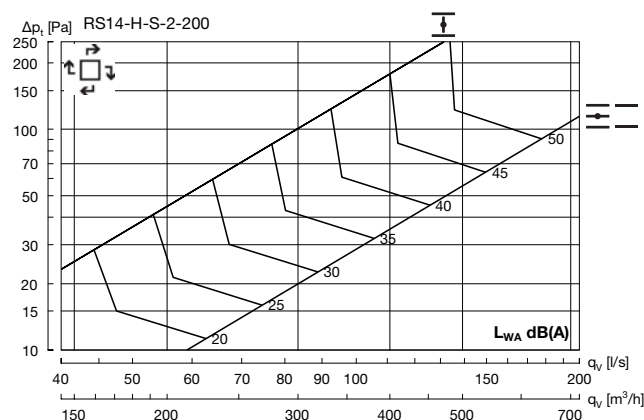
RS14 + H - Indblæsning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	14	8	5	-3	-10	-17	-23	-28

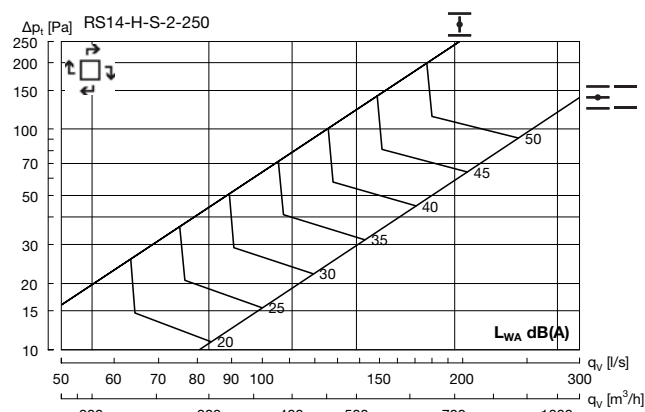


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	2	5	5	-3	-7	-14	-20	-26

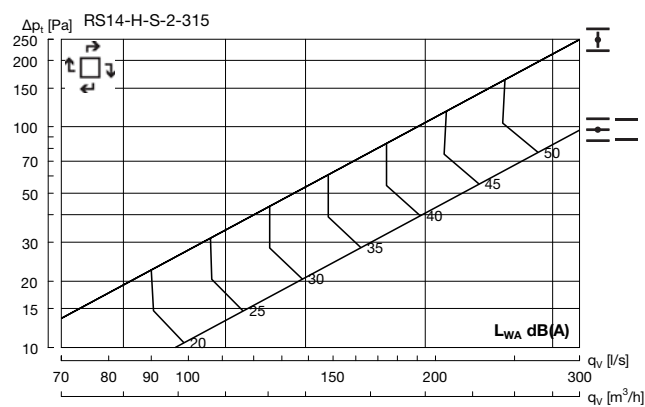


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	10	7	2	-2	-6	-14	-21	-29

RS14 + H - Indblæsning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	5	7	3	-1	-7	-16	-23	-31



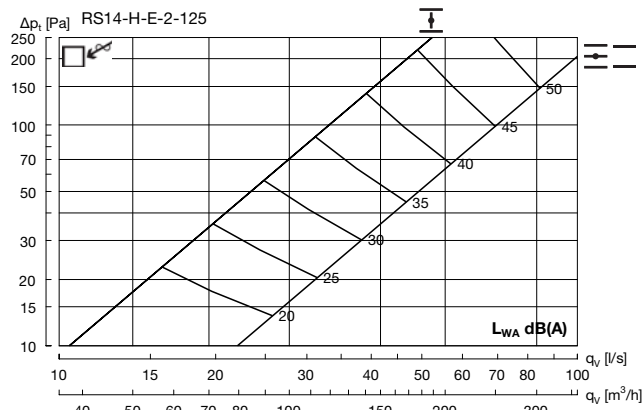
Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	7	7	2	-1	-7	-16	-25	-35

Versio

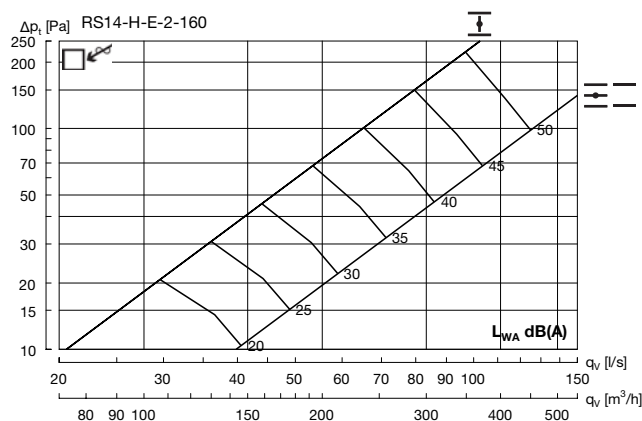
RS14

Tekniske data

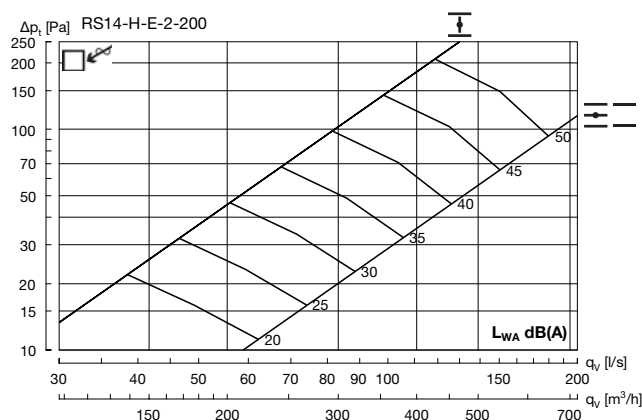
RS14 + H - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	3	7	3	-1	-8	-14	-19	-26

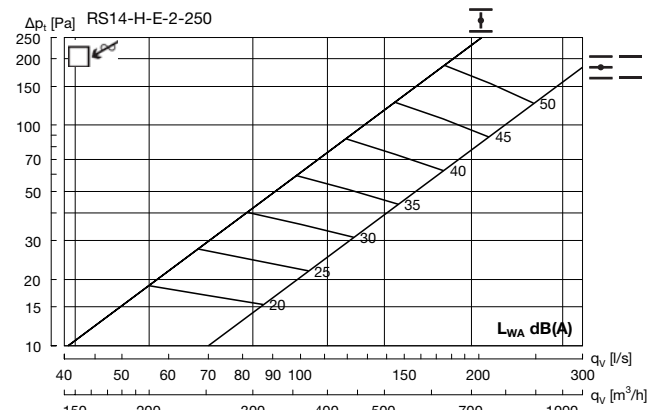


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	2	6	5	-3	-8	-14	-22	-31

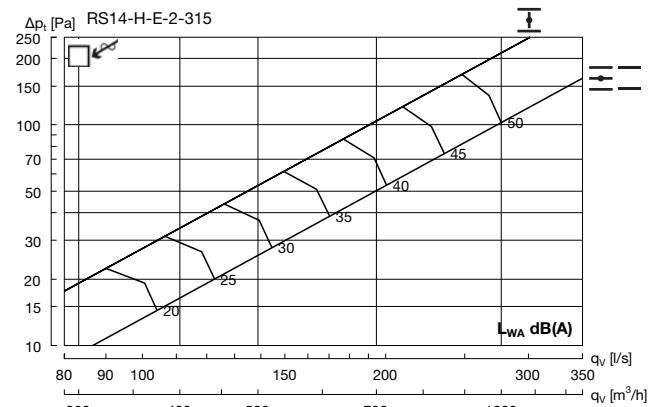


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	7	7	4	-3	-7	-13	-20	-25

RS14 + H - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	5	7	3	-2	-7	-13	-21	-31



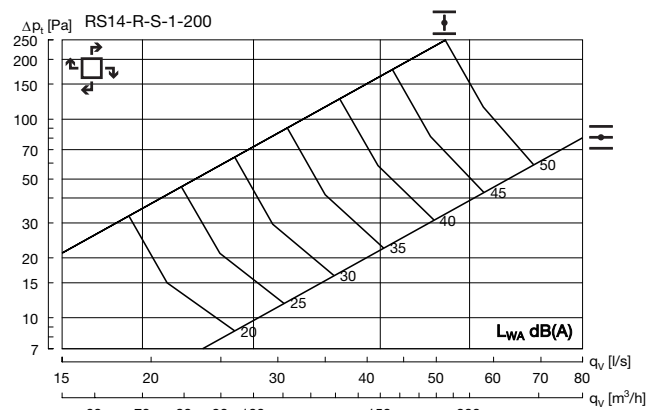
Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	7	7	2	-2	-6	-14	-24	-35

Versio

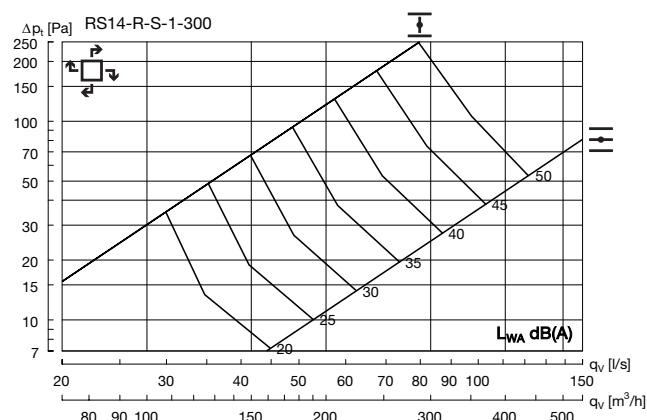
RS14

Tekniske data

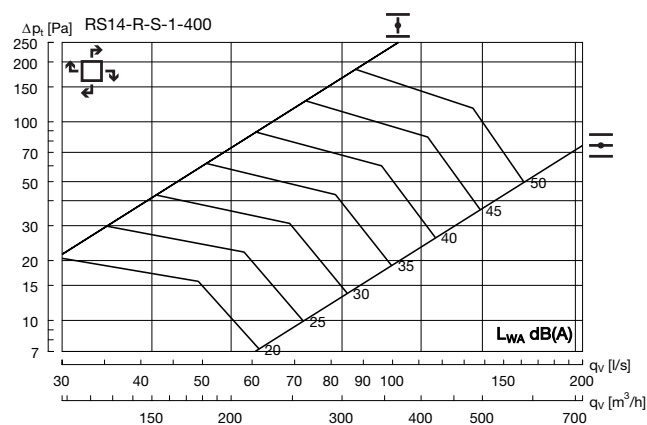
RS14 + R - Indblæsning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	6	-1	3	-1	-7	-12	-25	-33

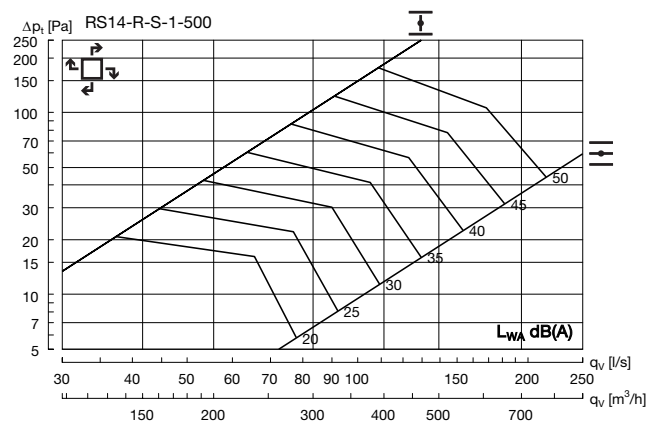


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	7	-1	4	-1	-8	-14	-22	-31



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	-2	-1	3	-1	-6	-11	-20	-32

RS14 + R - Indblæsning



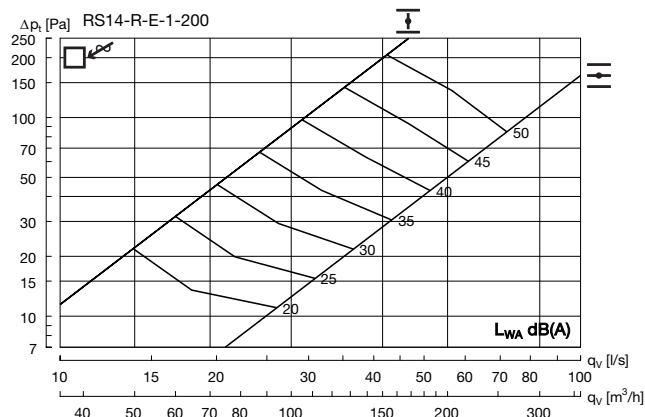
Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	3	-1	3	-1	-7	-11	-19	-31

Versio

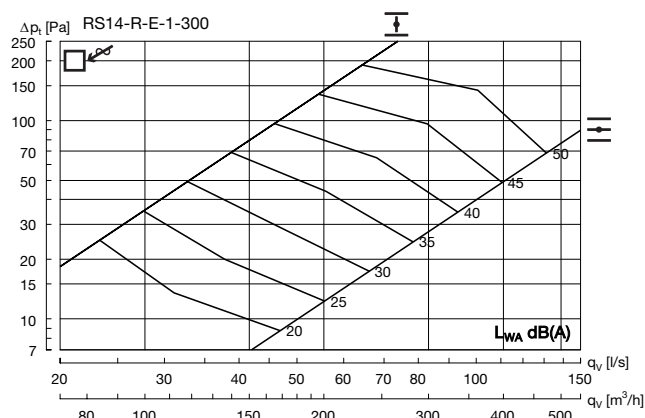
RS14

Tekniske data

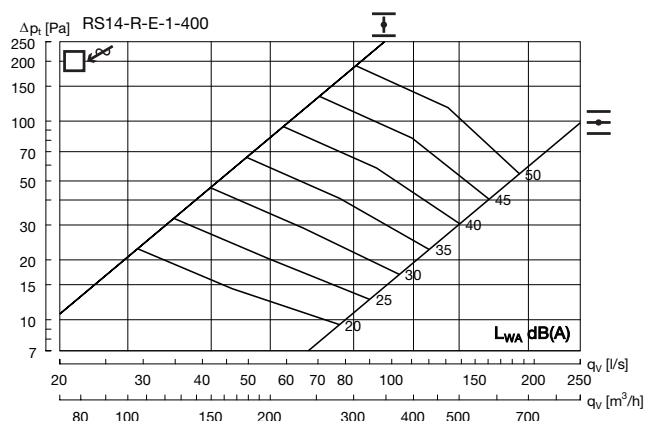
RS14 + R - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	7	-1	4	-2	-8	-10	-18	-25

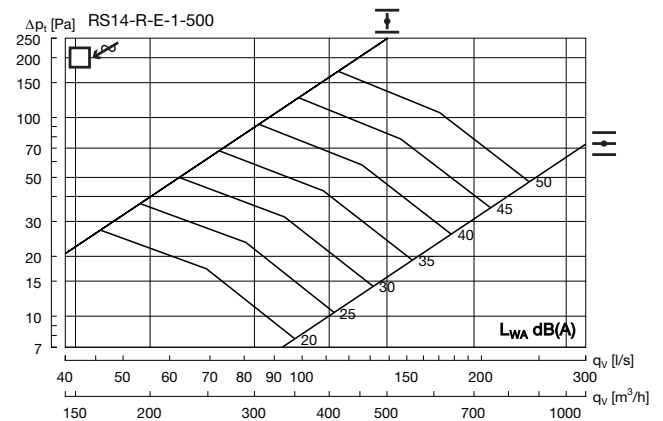


Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	6	1	4	-2	-7	-10	-17	-25



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	2	0	2	-2	-5	-10	-16	-24

RS14 + R - Udsugning



Hz	63	125	250	500	1K	2K	4K	8K
K_{ok}	1	1	1	-2	-6	-9	-16	-25

Versio

RS14

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18