Exhaust valve

KU

Description

Valve for exhaust air.
Designed for wall or ceiling mounting.
Bayonet holders connect to socket VRGU, VRGL or VRGM.

Maintenance

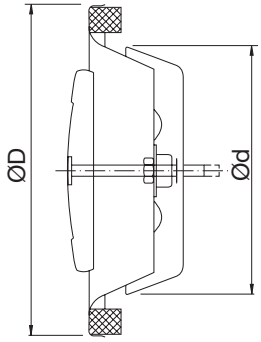
The visible parts can be wiped with a damp cloth.

Materials and finish

Material
Powder-coated galvanized sheet metal.

Colour
White RAL 9003*, gloss 30 or white RAL 9010 gloss30.

Dimensions



Ød nom	ØD [mm]	m [kg]
80	110	0,13
100	130	0,19
125	160	0,27
150	188	0,36
160	190	0,38
200	245	0,58

*Dim. 150 (Ød nom) is not available in RAL 9003

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Technical data

Air flow, q [l/s] and [m³/h],
total pressure drop, Δp_t [Pa], and
A-weighted sound power level, L_{WA} [dB], for different settings, a [mm],
are shown in the graphs.

Sound power level, L_{Wok} [dB], in octave bands

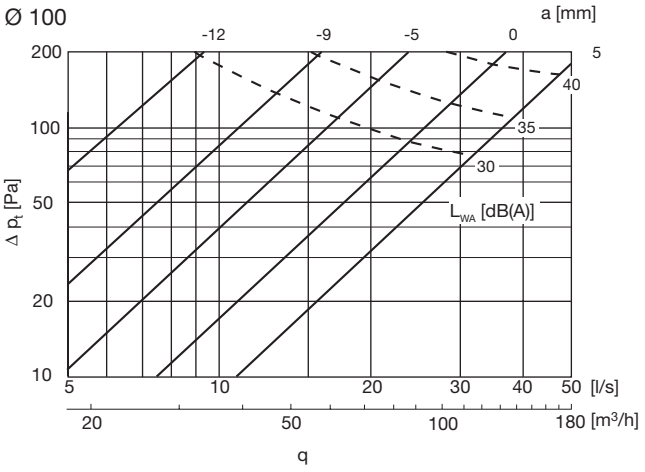
is calculated as $L_{WA} + K_{ok}$.
K_{ok} is found in the table below.

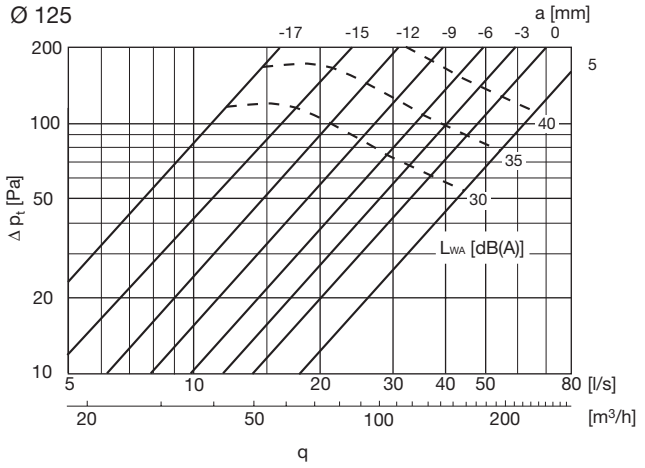
Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	–	-8	-5	-6	-6	-4	-12	-21
125	Duct	–	-11	-4	-6	-7	-3	-16	-25
160	Duct	–	-7	-4	-6	-3	-6	-18	-31
200	Duct	–	-7	-6	-7	-2	-9	-18	-27
Tolerance		–	±3	±2	±2	±2	±2	±2	±3

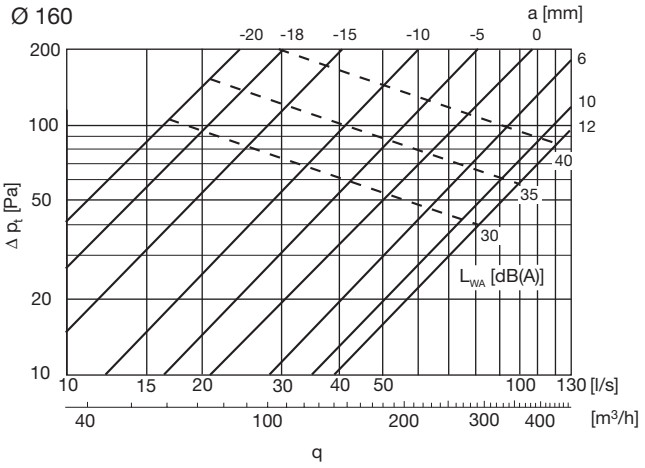
Sound attenuation, ΔL, [dB]

Ød nom	Valve mounted in	Setting a [mm]	Centre frequency [Hz]							
			63	125	250	500	1K	2K	4K	8K
100	Duct	-12	21	18	12	14	12	11	12	15
		-5	21	16	9	11	9	8	8	12
		5	21	16	8	10	8	7	5	11
125	Duct	-17	22	16	11	9	7	7	9	12
		-9	21	16	9	8	5	5	7	8
		5	20	15	9	6	4	3	4	7
160	Duct	-15	19	14	9	8	6	7	9	10
		-5	19	13	9	6	5	4	6	8
		5	18	13	8	5	4	3	6	6
200	Duct	-25	17	12	10	9	9	12	14	12
		0	16	10	7	6	6	6	10	7
		20	16	10	6	4	4	5	9	6
Tolerance			±6	±3	±2	±2	±2	±2	±2	±3

Measurement of air flow
Data is available in a separate brochure.







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