Valve

KI



Description

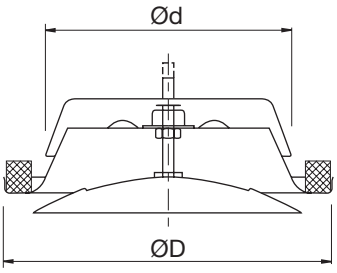
Valve for supply air.
Designed for ceiling mounting.
Bayonet holders connect to socket VRGU, VRGL or VRGM.

Materials and finish

Material
Powder-coated galvanized sheet metal.

Colour
White RAL 9003, gloss 30 or white RAL 9010 gloss30.
Dim 80 only available in RAL 9003.

Dimensions



Ød nom	ØD [mm]	m [kg]
80	111	0,14
100	130	0,21
125	160	0,30
150	190	0,39
160	190	0,41
200	245	0,65

Ordering example

	KI	125
Product		
Dimension Ød		

Valve KI

Technical data

Air flow, q [l/s] and [m³/h],
total pressure drop, Δp_t [Pa],
throw length, $l_{0,2}$ [m], and
A-weighted sound power level, L_{WA} [dB], for different settings, a [mm],
are shown in the graphs.

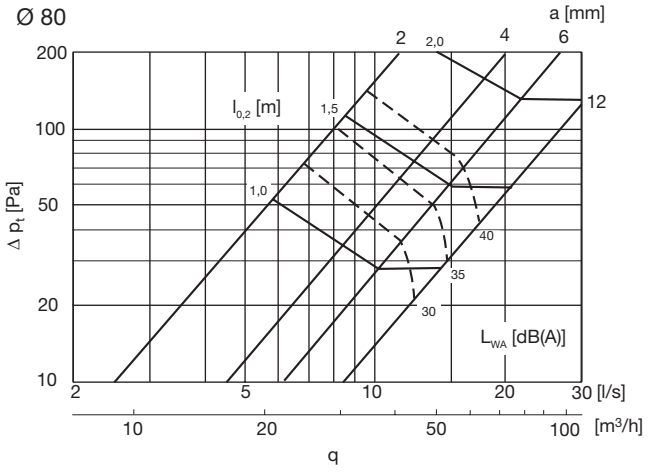
Sound power level, L_{Wok} [dB], in octave bands
is calculated as $L_{WA} + K_{ok}$.
K_{ok} is found in the table below.

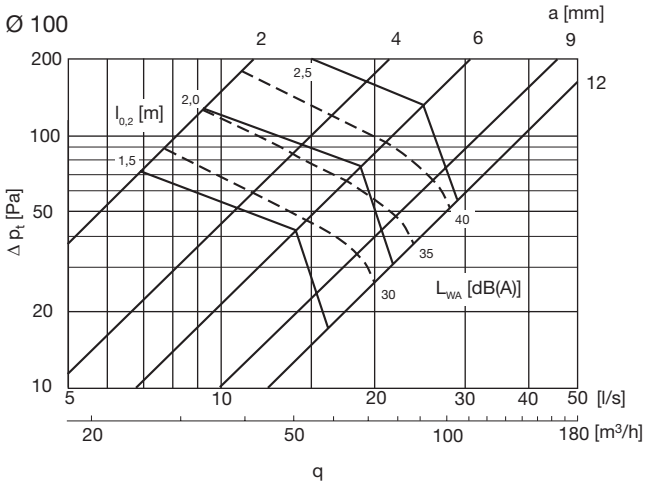
Ød nom	Valve mounted in	Centre frequency [Hz] 63	125	250	500	1K	2K	4K	8K
80	Duct	–	2	2	-1	-6	-14	-25	-37
100	Duct	–	2	2	-1	-6	-14	-25	-37
125	Duct	–	2	4	-2	-7	-14	-25	-37
160	Duct	–	6	5	-3	-9	-14	-26	-36
200	Duct	–	5	5	-2	-8	-16	-24	-36
Tolerance		–	±3	±2	±2	±2	±2	±2	±3

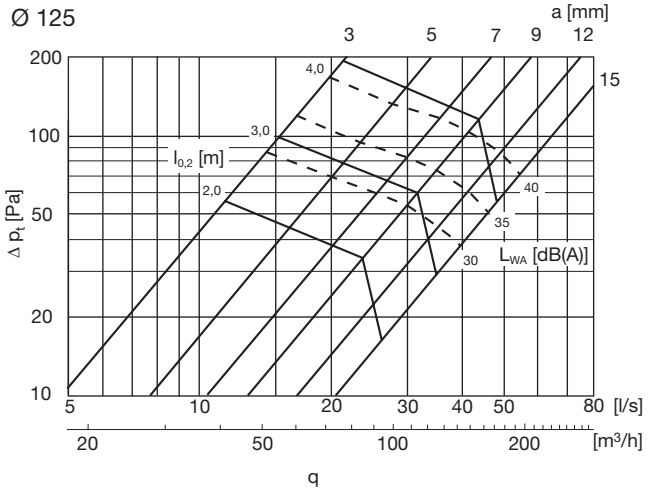
Sound attenuation, ΔL, [dB]

Ød nom	Valve mounted in	Setting a [mm]	Centre frequency [Hz] 63	125	250	500	1K	2K	4K	8K
80	Duct	2	26	20	15	14	11	8	10	9
		6	24	19	13	11	8	5	8	6
		12	24	19	13	10	6	4	5	6
100	Duct	2	22	19	14	12	11	12	10	12
		6	22	17	11	9	8	9	6	9
		12	22	17	11	8	6	7	4	7
125	Duct	3	20	17	12	11	9	9	8	8
		7	19	15	10	8	7	7	5	5
		12	19	15	9	7	5	5	4	4
160	Duct	4	18	14	10	10	10	10	8	8
		9	18	13	9	8	7	7	6	6
		20	18	13	8	7	6	5	5	5
200	Duct	5	17	13	10	9	11	10	9	9
		9	16	12	8	8	9	9	8	7
		20	15	11	7	6	7	6	7	6
Tolerance			±6	±3	±2	±2	±2	±2	±2	±3

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





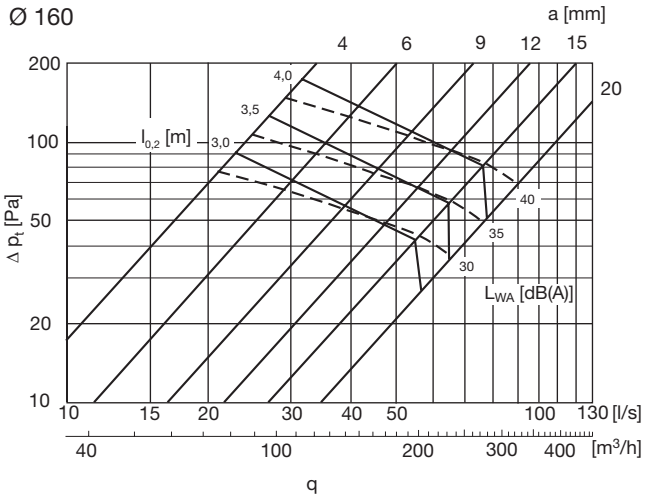


We reserve the right to make changes without prior notice

Valve

KI

Ø 160



Ø 200

