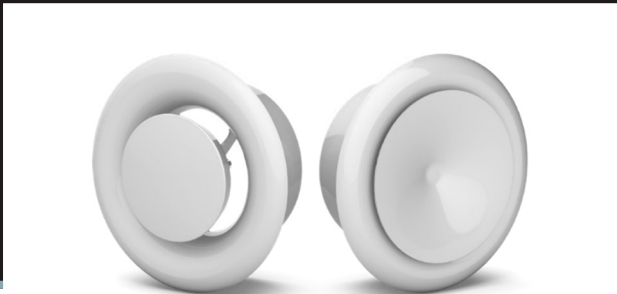# KE/KK
VENTILATION VALVE

Description:
A round steel supply (KE) or exhaust (KK) ventilation valve, with manual adjustment of the gap size.

Intended use

KE and KK ventilation valves are designed for low- and medium-pressure ventilation systems. Due to the stepless adjustment of the gap size, it is possible to set the airflow very precisely.

Design

The ventilation valves are available in the KE supply version and the KK exhaust version. They are made of steel and powdercoated in white, RAL9010. They can also be coated in another RAL colour on request. The valves have a control element in the form of a round disk. It is possible to increase or decrease the effective area of the valve by turning the disk, and (in this way) adjusting its working parameters precisely. Once the adjustment has been made, the valve disk is locked in the selected position by tightening up the locknut.

Installation

The valves are supplied with mounting flanges. The flanges are fixed to the space dividers by means of screws. The installation of the flange is carried out by screwing the valve body into the flange.

> **i** The technical data of the diffusers, including pressure loss, noise level and stream ranges, is available at smay.eu, in the "Flow Characteristic for Grilles and Diffusers" document.

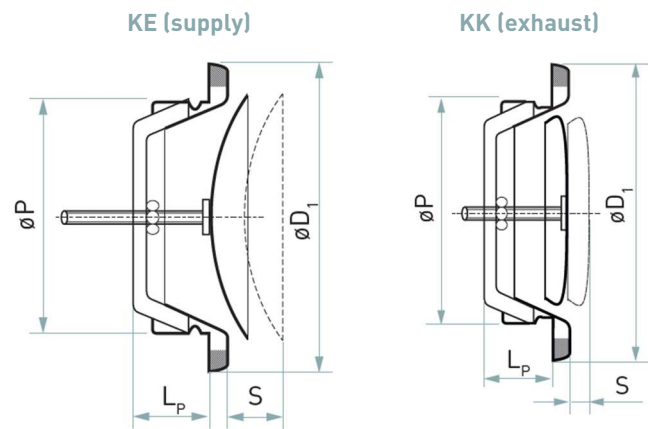## Dimensions

KE (supply)   **KK (exhaust)**

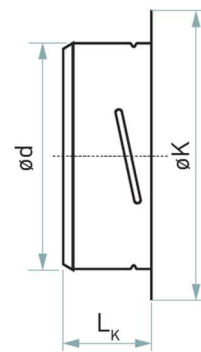*Figure 1. KE and KK ventilation valve dimensions.*

Figure 2. Mounting flange dimensions for KE and KK valves.

Table 1. KE and KK ventilation valve dimensions.

Size	øP	øD$_1$	L$_P$	ød	øK	L$_K$
[mm]	[mm]	[mm]	[kg]	[mm]	[mm]	[mm]
80	76	116	31	78	115	49
100	96	139	31	98	125	49
125	121	167	37	123	150	49
160	156	209	46	158	185	49
200	196	247	50	198	225	49
250	246	305	51	248	286	49

| SL | RAL |

KE/KK – Ventilation valve

When ordering, please provide information in accordance with the following pattern:

KE/KK - <D> - SL <RAL>

Where:

TYPE	KE (supply) or KK (exhaust)
D	Nominal diameter: 80, 100, 125, 160, 200, 250
SL	Finish: coated steel (RAL 9010 by default)
RAL	colour according to the RAL colour chart*

* Optional values, if not specified, the default values will be used.

Example of product labelling: **KK-160-SL9010.**