Backdraft damper
KKV

Application

The KKV backdraft damper is designed for automatic shutoff of the air duct during the fan standby and reverse back flow prevention when the ventilation system is off. Designed for mounting of VKV, VKH, VKV EC, VKH EC fan series.

Design

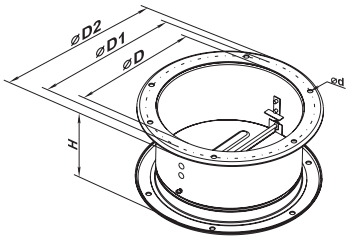
The casing and the rotating blade is made of galvanized steel plate. The damper vane is opened under air flow pressure and is automatically closed at no air supply. The backdraft damper has gravitation operating mechanism.

Mounting

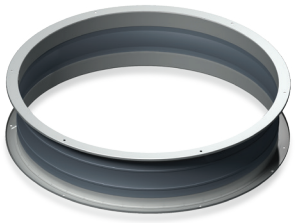
The damper is mounted into the ventilation system by means of fixing the end flanges to the mating flanges in the system. Fixation is effected with galvanized bolts and clamps. The connectors are suitable for installation into vertical exhaust air ducts only (no spring).

Overall dimensions

Type	Standard size of compatible fans	Dimensions [mm]					Mass [kg]
		ØD	ØD1	ØD2	Ød	H	
KKV 220-225	190, 220, 225	183	213	235	7	115	1.0
KKV 250-315	250, 280, 310	256	285	306	7	156	1.7
KKV 355-500	355, 400, 450, 500	402	438	464	9	220	3.5
KKV 560	560, 630	565	605	638	10	300	7.3
KKV 710	710	635	674	708	10	380	14.1



Flexible connector
GKV



Application

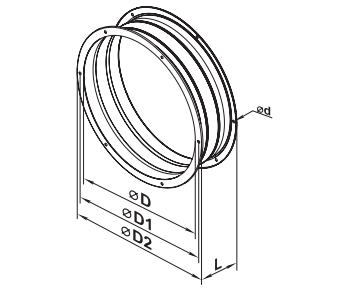
The GKV flexible connectors are designed for minimizing the vibration transmission from fans to the air duct as well as partial compensation of thermal distortion in the ductworks. Applied in ventilation systems with the transferred air temperature over the range of -40 °C to +80 °C. Designed for mounting of VKV, VKH, VKV EC, VKH EC fan series.

Design

The flexible connectors consist of two flanges made of galvanized steel plates that are connected by a vibration-isolating material made of polyethylene band reinforced with polyamide textile. The connectors are not designed for mechanical load and cannot be used as a part of load-bearing construction.

Mounting

The connectors are mounted into the ventilation system by fixing the end flanges to the mating flanges in the system. Fixation is effected with galvanized bolts and clamps.

Overall dimensions

Type	Standard size of compatible fans	Dimensions [mm]					Mass [kg]
		ØD	ØD1	ØD2	Ød	L	
GKV 220-225	190, 220, 225	183	210	235	7	200	0.8
GKV 250-315	250, 280, 310	256	285	308	7	200	1.2
GKV 355-500	355, 400, 450, 500	402	430	484	9	200	1.75
GKV 560	560, 630	567	605	639	9	200	2.62
GKV 710	710	630	674	705	10	260	7.1