

ACCESSORIES FOR ROOF FANS

**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

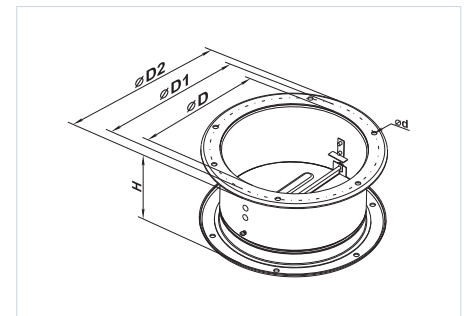
under air flow pressure and is automatically closed at no air supply. The backdraft damper has gravitation operating mechanism.

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 | Dimensions [mm] | | | | | Mass [kg] |
|-------------|-----------------|-----|-----|------|-----|-----------|
| | ∅D | ∅D1 | ∅D2 | ∅d | H | |
| KKV 220-225 | 183 | 213 | 235 | 7 | 115 | 1,0 |
| KKV 250-315 | 256 | 285 | 306 | 7 | 156 | 1,7 |
| KKV 355-500 | 402 | 438 | 464 | 9 | 220 | 3,5 |
| KKV 560 | 569 | 605 | 642 | 11,5 | 300 | 7,3 |



**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

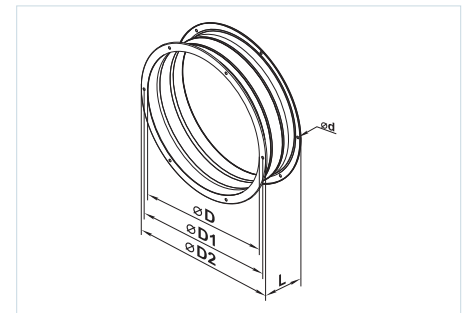
of galvanized steel plates that are connected by a vibration-isolating material made of polyethylene band reinforced with polyamide textile. The connectors are not designed for mechanical load and cannot be used as a part of load-bearing construction.

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 | Dimensions [mm] | | | | | Mass [kg] |
|-------------|-----------------|-----|-----|----|-----|-----------|
| | ∅D | ∅D1 | ∅D2 | ∅d | L | |
| GKV 220-225 | 183 | 213 | 235 | 7 | 200 | 0,8 |
| GKV 250-315 | 256 | 285 | 308 | 7 | 200 | 1,2 |
| GKV 355-500 | 402 | 438 | 484 | 9 | 200 | 1,75 |
| GKV 560 | 569 | 605 | 639 | 9 | 200 | 2,62 |



Mating flange **FKV**



■ Application

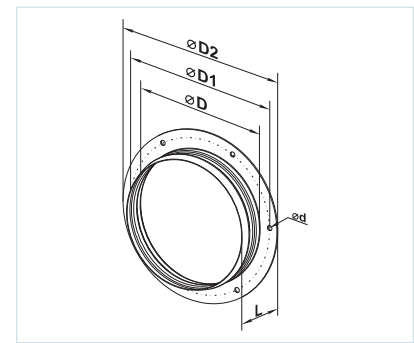
Designed for connection of the round air ducts with roof fans VKV, VKH, VKV EC, VKH EC.

■ Design

Made of galvanized steel.

Overall dimensions:

| Type | Dimensions [mm] | | | | | Mass [kg] |
|-------------|-----------------|-----|-----|----|----|-----------|
| | ∅D | ∅D1 | ∅D2 | ∅d | L | |
| FKV 220-225 | 183 | 213 | 235 | 7 | 40 | 0,34 |
| FKV 250-315 | 256 | 285 | 306 | 7 | 40 | 0,52 |
| FKV 355-500 | 402 | 438 | 464 | 9 | 40 | 1,05 |
| FKV 560 | 569 | 605 | 639 | 9 | 40 | 1,60 |



Mounting frame **RKV** (RKVI - insulated)



■ Application

The mounting frame RKV (RKVI) is designed for mounting of roof fans on a flat surface, for example, for mounting of VKV, VKH, VKV EC, VKH EC, VKMK, VKMKp, VOK, VOK1 fan series.

■ Design

The RKV casing is made of galvanized steel and

the RKVI casing is made of galvanized steel and provided with 20 mm thick thermal-insulating layer based on mineral cotton. The frame casing fully disables any water ingress and is used for final isolation directly on the roof. Specially designed flanges at the frame base ensure its easy and reliable mounting on the roof.

Overall dimensions:

| Type | Dimensions [mm] | | | | | Mass [kg] |
|-------------|-----------------|-------|-------|-----|-----|-----------|
| | B | B1 | H | L | L1 | |
| RKV 220-225 | 720 | 254 | 300,5 | 301 | 245 | 10,4 |
| RKV 250-315 | 810 | 352 | 300,5 | 401 | 330 | 12,0 |
| RKV 355-400 | 980 | 506 | 300,5 | 561 | 450 | 16,4 |
| RKV 450-500 | 997 | 576 | 300,5 | 631 | 535 | 16,9 |
| RKV 560 | 1180 | 769,9 | 300,5 | 817 | 750 | 26,7 |

Overall dimensions:

| Type | Dimensions [mm] | | | | | Mass [kg] |
|--------------|-----------------|-------|-------|-----|-----|-----------|
| | B | B1 | H | L | L1 | |
| RKVI 220-225 | 720 | 254 | 300,5 | 301 | 245 | 13,8 |
| RKVI 250-315 | 810 | 352 | 300,5 | 401 | 330 | 16,9 |
| RKVI 355-400 | 980 | 506 | 300,5 | 561 | 450 | 20,3 |
| RKVI 450-500 | 997 | 576 | 300,5 | 631 | 535 | 21,2 |
| RKVI 560 | 1180 | 769,9 | 300,5 | 817 | 750 | 35,7 |

