

Counterflange GF

Designed for connecting rectangular fans and accessories to ducting where the flange frames are made of galvanised sheet steel.

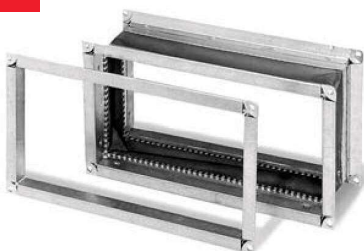
Connectors VS

Flexible ducting connector with flange frames on both ends, made of galvanised sheet steel, with sealing lip all around; leak proof to VDI 3803, temperature resistance from -10°C to $+80^{\circ}\text{C}$. The elastic sleeve in the middle section is made of plastic fibre bonded material. Designed to fit into rectangular fans.

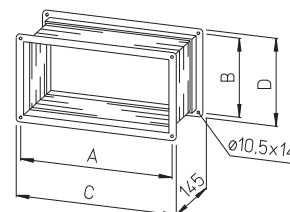
In order to prevent the vibration transmission and compensate small misalignments on site, the flexible connectors are fitted between the ducting and fan on intake and exhaust side.

For explosion proof rectangular fans use VS Ex (explosion-proof) types.

GF and VS



Dim. in mm see table



Counterflange GF		Connector VS		Connector for Ex-proof fans		Fits fan duct nominal size mm	Dimensions in mm				Weight approx. kg	
Type	Ref. no.	Type	Ref. no.	Type	Ref. no.		A	B	C	D	GF	VS
GF 30/15	6918	VS 30/15	6928	—	—	300 x 150	320	170	340	190	0.7	1.8
GF 40/20	6919	VS 40/20	5694	—	—	400 x 200	420	220	440	240	0.8	2.3
GF 50/25	6920	VS 50/25	5695	VS 50/25 Ex	0265	500 x 250	520	270	540	290	0.9	2.8
GF 50/30	6921	VS 50/30	5696	VS 50/30 Ex	0266	500 x 300	520	320	540	340	1.0	2.9
GF 60/30	6922	VS 60/30	5697	VS 60/30 Ex	0267	600 x 300	620	320	640	340	1.1	3.2
GF 60/35	6923	VS 60/35	5698	VS 60/35 Ex	0268	600 x 350	620	370	640	390	1.1	3.4
GF 70/40	6924	VS 70/40	5699	VS 70/40 Ex	0269	700 x 400	720	420	740	440	1.2	3.7
GF 80/50	6925	VS 80/50	5700	—	—	800 x 500	820	520	840	540	1.5	4.5
GF 100/50	6926	VS 100/50	5701	—	—	1000 x 500	1020	520	1040	540	1.7	5.0

Volume control dampers JVK

Flanged casing on both sides, made of galvanised sheet steel, designed to fit into rectangular fans. The blades are hollow and their shafts run embedded in polymer guides. The external control lever adjusts all blades equally.

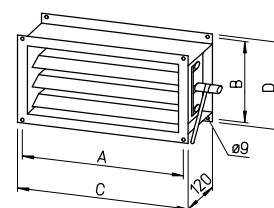
The control mechanism is also outside the airstream and secured against operational interruptions therefore unaffected by airborne contamination.

The blades create an additional pressure loss (shown in the adjacent diagram) which must be considered when designing.

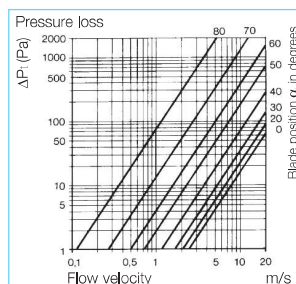
JVK



Dim. in mm see table



Type	Ref. no.	Fits fan duct nominal size mm	Duct-fan Ø mm	Dimensions in mm				Weight approx. kg
				A	B	C	D	
JVK 30/15	6927	300 x 150	180	320	170	340	190	3.5
JVK 40/20	6910	400 x 200	200–250	420	220	440	240	4.0
JVK 50/25	6911	500 x 250	315	520	270	540	290	5.0
JVK 50/30	6912	500 x 300	250	520	320	540	340	6.0
JVK 60/30	6913	600 x 300	285	620	320	640	340	7.0
JVK 60/35	6914	600 x 350	315–400	620	370	640	390	7.2
JVK 70/40	6915	700 x 400	355–450	720	420	740	440	9.0
JVK 80/50	6916	800 x 500	400–500	820	520	840	540	11.7
JVK 100/50	6917	1000 x 500	450–630	1020	520	1040	540	13.5



Accessories

Servo motor

STM 10 230 V Ref. no. 8791

Electric drive for opening and closing of volume control dampers JVK. Installation in any position by using fixing clamp (for Ø 8–26 or □ 8–26 mm) and fixing with the attached anti-rotation locking bracket.

Adjustment of shutter position by using the gear unlock button. Output signal available to indicate "open" or "close". Visible indication of shutter position (0 – 90°).

Auxiliary switch

STM 2P Ref. no. 8794

The servo motor STM 10 230 V can also be operated with an auxiliary switch component. Two adjustable micro-switches indicate the control position. The adjustable angle settings can be set. Position indication via adjustment ring (mechanical, snap-on).

STM 10 / STM 2P



Technical data

Supply voltage	100–240 VAC
Frequency	50/60 Hz
Torque	10 Nm
Rotation angle	0 to 95°
Operation	2.5 W
Running time (open/close)	150 s
Left/right motor rotation	reversible
Ambient temp.	-30 to $+50^{\circ}\text{C}$
Protection	IP 54
Protection class	II
Dim. mm	W 80 x H 124 x D 62
Weight approx.	0.75 kg
Wiring diagram no.	1087