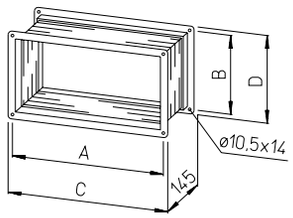
GF and VS

Dimensions GF and VS



Dim. in mm see table

Counter flange GF Type	Ref. no.	Connector VS Type	Ref. no.	Connector for explosion-proof fans Type	Ref. no.	Compat. w/ fan rect. duct NS mm i.L.	Dimensions in mm A	B	C	D	Weight aprx. kg GF	VS
GF 30/15	06918	**VS 30/15**	06928	–	–	300 x 150	320	170	340	190	0.7	1.8
GF 40/20	06919	**VS 40/20**	05694	–	–	400 x 200	420	220	440	240	0.8	2.3
GF 50/25	06920	**VS 50/25**	05695	**VS 50/25 Ex**	00265	500 x 250	520	270	540	290	0.9	2.8
GF 50/30	06921	**VS 50/30**	05696	**VS 50/30 Ex**	00266	500 x 300	520	320	540	340	1.0	2.9
GF 60/30	06922	**VS 60/30**	05697	**VS 60/30 Ex**	00267	600 x 300	620	320	640	340	1.1	3.2
GF 60/35	06923	**VS 60/35**	05698	**VS 60/35 Ex**	00268	600 x 350	620	370	640	390	1.1	3.4
GF 70/40	06924	**VS 70/40**	05699	**VS 70/40 Ex**	00269	700 x 400	720	420	740	440	1.2	3.7
GF 80/50	06925	**VS 80/50**	05700	–	–	800 x 500	820	520	840	540	1.5	4.5
GF 100/50	06926	**VS 100/50**	05701	–	–	1000 x 500	1020	520	1040	540	1.7	5.0

Counter flange GF

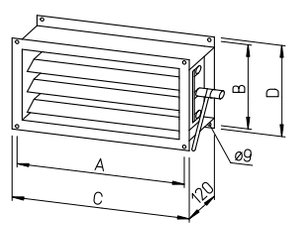
Flange frame made of galvanised steel sheet, which is dimensionally matched to the rectangular duct fans and their accessories, for rectangular duct connection.

Connector VS

Flexible rectangular duct connection with double-sided flange frame made of galvanised steel sheet and circumferential sealing lip; tightness according to VDI 3803, temperature resistance –10 °C to +80 °C. Central part made of elastic sleeve made of fabric. Dimensionally matched to the rectangular duct fans.
In order to prevent structure-borne noise transmission and to compensate for installation tolerances, the connectors are mounted on the inlet side and outlet side between the fan and air duct.
Types VS Ex are available for explosion-proof rectangular duct fans.

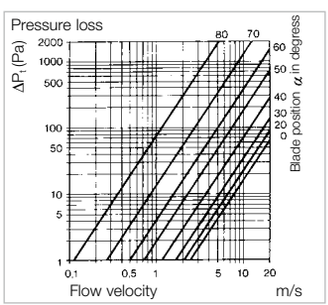
JVK

Dimensions JVK



Dim. in mm see table

Type	Ref. no.	Compat. w/ fan rect. duct NS mm i.L.	Rect. duct fan Ø mm	Dimensions in mm A	B	C	D	Weight aprx. kg
JVK 30/15	06927	300 x 150	180	320	170	340	190	3.5
JVK 40/20	06910	400 x 200	200–250	420	220	440	240	4.0
JVK 50/25	06911	500 x 250	315	520	270	540	290	5.0
JVK 50/30	06912	500 x 300	250	520	320	540	340	6.0
JVK 60/30	06913	600 x 300	285	620	320	640	340	7.0
JVK 60/35	06914	600 x 350	315–400	620	370	640	390	7.2
JVK 70/40	06915	700 x 400	355–450	720	420	740	440	9.0
JVK 80/50	06916	800 x 500	400–500	820	520	840	540	11.7
JVK 100/50	06917	1000 x 500	450–630	1020	520	1040	540	13.5



Multi-leaf dampers JVK

Frame casing with double-sided connection flanges made of galvanised steel sheet. Dimensionally matched to the rectangular duct fans. Blades designed as hollow parts. Axles mounted in plastic, synchronously adjustable with external adjusting lever. Adjusting mechanism also outside of the air flow and thus protected against malfunctions due to contamination. The multi-leaf dampers cause an additional pressure loss, which must be considered when dimensioning the system and can be seen in the adjacent diagram. Note the blade position. Only install with horizontal blade position.

STM 10 / STM 2P

Accessories

Shutter servomotor

STM 10 230 V Ref. no. 08791

Shutter servomotor for the electrical opening and closing of the shutters JVK. Installation in any position by attaching the terminal connections (for Ø 8–26 or ▭ 8–26 mm) and fixation with enclosed anti-twist catch. Shutter position adjustment possible by pressing the gear disengaging button. Two-position control with signal contacts in positions “open” and “closed”. Shutter position indicated on scale (0–95°).

Auxiliary switch

STM 2P Ref. no. 08794

The shutter servomotor STM 10 230 V can also be operated with an auxiliary switch module.
Two adjustable micro switches indicate the switch position. The adjustable angle positions can be changed. Position indication via adjusting ring (mechanical, attachable).

Technical data

Supply voltage	100–240 VAC
Frequency	50/60 Hz
Torque	10 Nm
Rotation angle	0 to 95°
Operation	2.5 W
Runtime (open/closed)	150 s
Clockwise/anticlockwise	switchable
Ambient temp.	–30 to +50 °C
Protection category	IP54
Protection class	II
Dim. mm	W 80 x H 124 x D 62
Weight approx.	0.75 kg
Wiring diagram no.	1087