RVE



Airtight duct insertion shutter RVE

Ideal for retrofitting through simple insertion into ventilation duct.

- Plastic ring with circumferential double lip seal and close-fitting rubber membrane which opens in case of underpressure or overpressure.
- Delivered with two membranes for flow velocities up to approx. 3.5 m/s or up to approx. 6 m/s.
- Place axis of rotation upright for horizontal flow.
- Temperature operating range –20 to +90 °C.

Type	Ref. no.	Dimensions in mm Ø D 1	Ø D 2	L	Wgt. kg
RVE 80	02584	75	83	20	0.1
RVE 100	02587	95	103	20	0.1
RVE 125	02588	120	128	20	0.1
RVE 160	02589	155	163	20	0.2
RVE 200	02618	195	203	20	0.2

RSK



Duct shutters RSK

Automatic shutters for insertion in the duct system.

- Prevents the outflow of warm air and the entry of unwanted draughts when fan is deactivated.
- Automatic function in underpressure and overpressure operation (rotatable installation position) through spring locking. Place axis of rotation upright for horizontal flow. In case of vertical flow, only functions in ascending air flow. Use types RVS, RVM to meet additional requirements and in case of difficult circumstances.

Type	Ref. no.	Dimensions in mm Ø D	L	S	Wgt. kg
RSKK 100*	05106	97	57	2.0	0.1
RSKK 125*	05107	121	57	2.0	0.1
RSK 150	05073	149	100	1.25	0.5
RSK 160	05669	159	100	1.25	0.5
RSK 180	05662	170	70	0.5	0.3
RSK 200	05074	199	140	1.25	1.0
RSK 250	05673	248.5	140	1.25	1.2
RSK 315	05674	312.5	140	1.25	1.5
RSK 355	05650	352	160	0.75	1.3
RSK 400	05651	397	160	0.75	1.4

* made of plastic (temp. max. +70 °C).
Other types made of galvanised steel sheet, aluminium shutters, stainless steel spring.

RVS



Automatic duct shutter with spring return

Can be installed horizontally in any direction and vertically with throughflow from bottom to top. Shutter opening in flow direction; automatic function through fan operation.
Spring mechanism outside of air flow. Locking force adjustable corresponding to fan power and installation position. Shutters and casing made of galvanised steel sheet, shutters made of aluminium for NS 225 – 560 mm. Double-sided flanges. Holes acc. to DIN 24155, p. 2.

Ambient temperature –30 to +100 °C

RVM



Motorised duct shutter[1)]

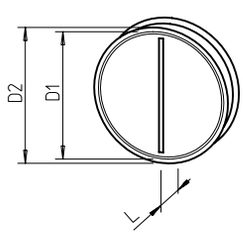
Like RVS, but can be installed horizontally and vertically in any position and with mounted spring return motor (outside of air flow). Electr. control parallel with fan Ventilator; cable length 0.9 m, normally closed.

Ambient temperature	–20 to +50 °C
Protection category	IP54
Voltage/frequency	230 V AC, 50/60 Hz
Power consumption	
▢ up to Ø 560	14 W
▢ from Ø 630 upwards	6.5 W
Shutter opening time, approx.	75 sec.
Wiring diagram no.	380.1

Automatic		Motorised[1)]		Dimensions in mm							Weight
Type	Ref. no.	**Type**	Ref. no.	Ø D i.L.	A	B	C	E	L	Ø LK	aprx. kg
RVS 225	02591	**RVM 225**	02575	225	–	95	130	115	300	259	3.3
RVS 250	02592	**RVM 250**	02576	250	–	95	130	115	300	286	3.7
RVS 280	02593	**RVM 280**	02577	280	–	95	130	115	300	322	4.2
RVS 315	02594	**RVM 315**	02578	315	–	95	130	115	300	356	4.6
RVS 355	02595	**RVM 355**	02579	355	–	95	130	115	300	395	5.3
RVS 400	02596	**RVM 400**	02580	400	–	95	130	115	330	438	7.5
RVS 450	02597	**RVM 450**	02581	454	10	95	130	115	330	487	10.7
RVS 500	02598	**RVM 500**	02582	504	40	95	130	115	330	541	12.0
RVS 560	02599	**RVM 560**	02583	560	65	95	130	115	330	605	16.4
RVS 630	02600	**RVM 630**	02609	630	115	150	225	200	400	674	21.0
RVS 710	02601	**RVM 710**	02610	710	155	150	225	200	400	751	28.0
RVS 800	02602	**RVM 800**	02614	800	200	150	225	210	420	837	37.8
RVS 900	02603	**RVM 900**	02615	900	250	150	225	210	420	934	42.3
RVS 1000	02604	**RVM 1000***	02616	1000	300	150	225	210	420	1043	47.8

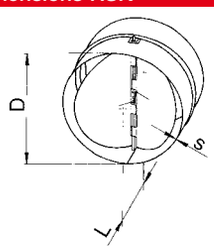
1) Types RVM not for use in explosive atmospheres. * RVM 1000 only for horizontal throughflow.

Dimensions RVE



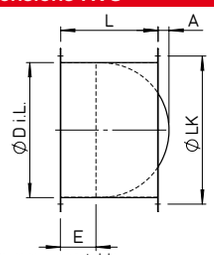
Dim. in mm – see table

Dimensions RSK



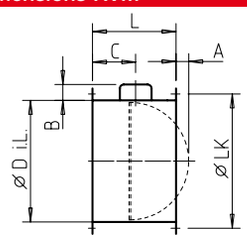
Dim. in mm – see table

Dimensions RVS



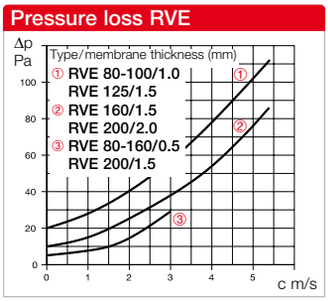
Dim. in mm – see table

Dimensions RVM

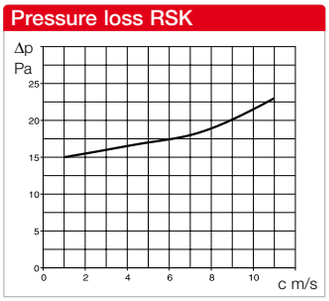


Dim. in mm – see table

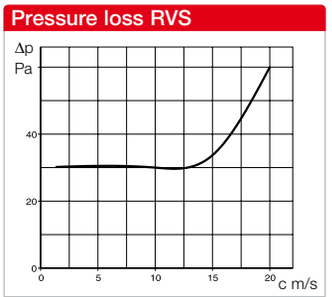
Pressure loss RVE



Pressure loss RSK



Pressure loss RVS



Pressure loss RVM

