SRH/SRS

Control damper
Round
Rubber seal
LUKA C/ATC 3

Available types
S R -

S control damper - safe
R round

- **Operation**
H manual
HA manual operation, rubber seal on damper blade
SA suitable for motor operation, rubber seal on damper blade

Use
The SRH control damper is suitable for fitting in a duct system as a control or shut-off damper. The damper can be set over 90°. The damper position can be fixed with a screw. The damper can be insulated to a thickness of 50 mm without any problem.

The SRSA type is suitable for fitting a servomotor.

The SRHA/SRSA type is fitted with a rubber seal on the damper blade.

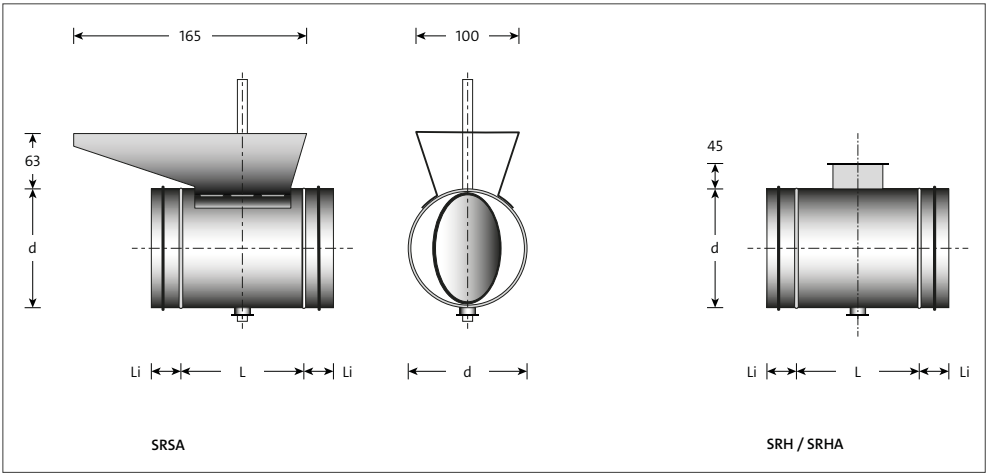
Characteristics
- Low resistance in open position.
- Low flow noise.
- Airtightness class SRH, SRHA and SRSA LUKA C/ATC 3.
- Airtightness class on the damper blade SRHA en SRSA:
  model 80 up to 300 class 3
  model 315 up to 630 class 4

Finish
Control damper: galvanised sheet steel
Post-treatment: none

Control equipment
Solid Air has Belimo as its own brand for combining louvre damper and actuators. For more specific information about the actuators, please refer to the appendix actuators.

2024_08_v3

Dimensions



Available dimensions and weights

SRH - SRHA (manual operation)

model	d	L	Li	weight kg
80	79	88	35	0.40
100	99	88	35	0.45
125	124	88	35	0.56
150	149	88	35	0.68
160	159	88	35	0.70
180	179	88	35	0.84
200	199	88	35	0.90
224	223	88	45	1.04
250	249	88	45	1.05
280	279	88	45	1.40
300	299	88	45	1.60
315	314	88	45	1.70
355	354	88	55	1.80
400	399	88	55	2.90
450	449	128	55	4.00
500	499	128	55	4.90
560*	559	128	55	5.30
630*	629	128	55	6.30

SRSA (suitable for servomotor)

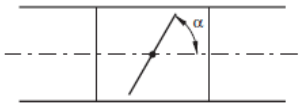
model	d	L	Li	weight kg
100	99	88	35	0.68
125	124	88	35	0.79
150	149	88	35	0.91
160	159	88	35	0.93
180	179	88	35	1.07
200	199	88	35	1.13
224	223	88	45	1.27
250	249	88	45	1.28
280	279	88	45	1.63
300	299	88	45	1.83
315	314	88	45	1.93
355	354	88	55	2.03
400	399	88	55	3.13
450	449	128	55	4.23
500	499	128	55	5.13
560	559	128	55	5.13

*Model 560 and 630 not available in type SRHA.

SRH noise details

Set the angle α:

α = 0° = damper open, α = 90° = damper closed

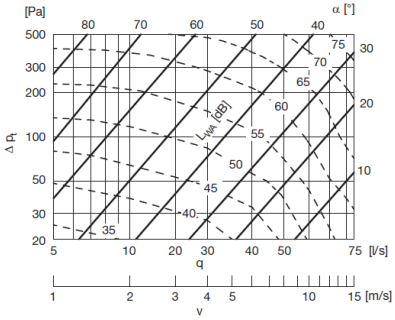


Technical details

Pressure loss with data over the noise pollution for dimensions:

- The solid curves show the pressure loss, Δp_t, via the control damper as a function of the flow speed q and setting angle.
- The dotted lines represent the A-weighted sound power, L_{wa} in dB on the duct.

Ø80



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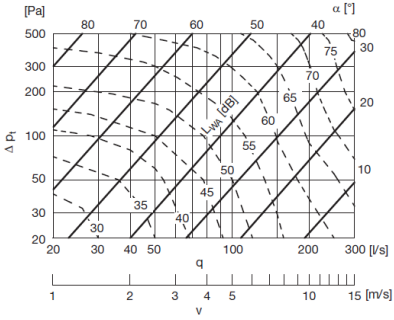

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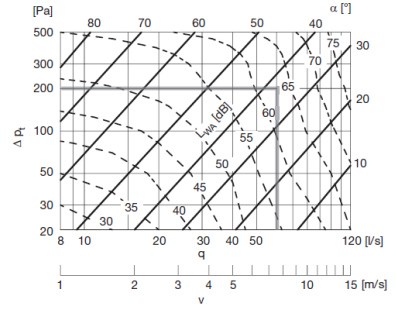

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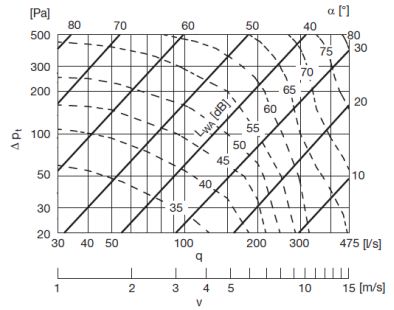

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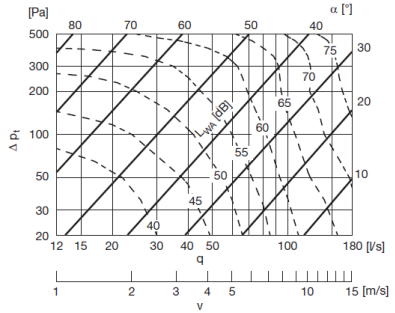

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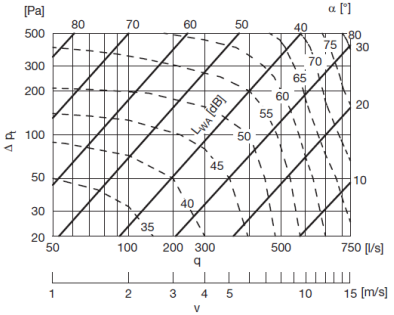

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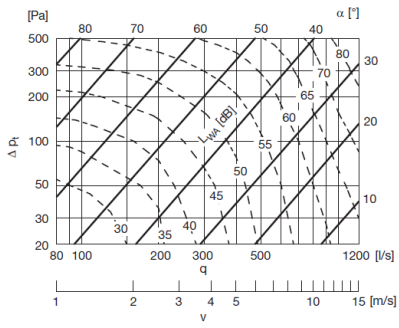

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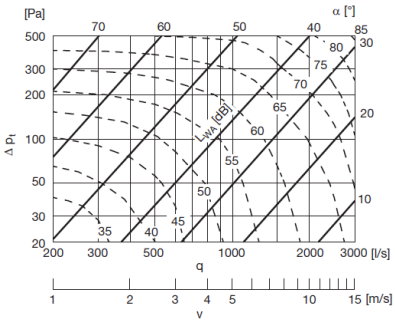

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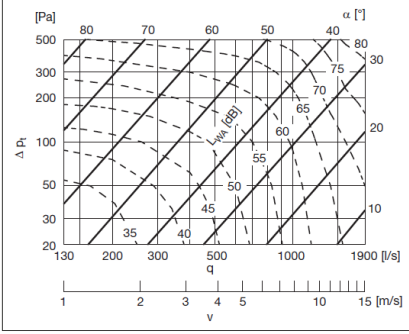

Ø630