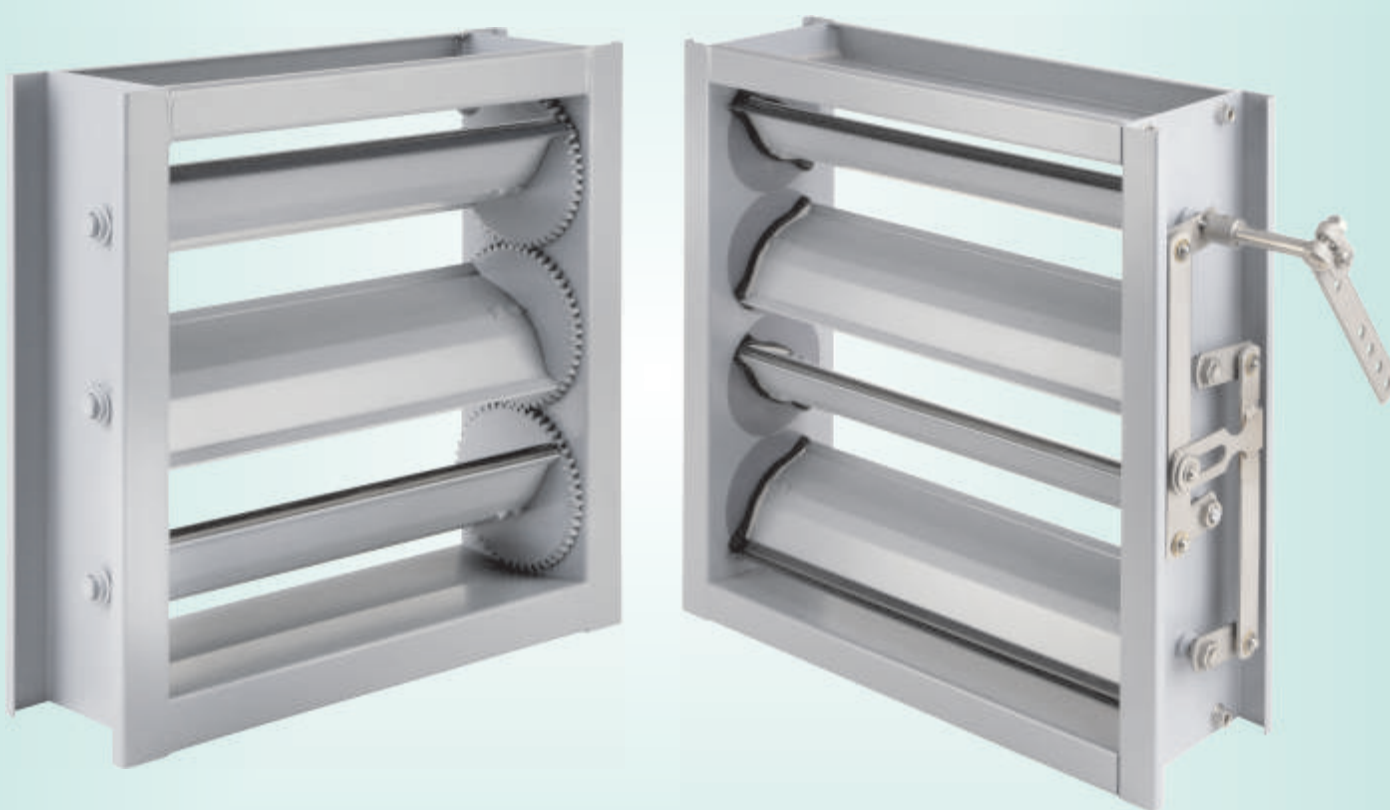

Ref. no.: 250 - 257

Multi-leaf damper



- AS** Multi-leaf dampers, models “Standard S” and “Airtight L”
- AS** All intermediate sizes available
- AS** Universal installation possibilities
- AS** Minimum flow resistance and noise
- AS** Maintenance-free
- AS** High strength corrosion-resistant construction
- AS** Two blade widths “100 mm” or “165 mm”
- AS** Coupling and drive possibilities for all requirements



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Advantages and design features of the dampers

Models:

The range includes the standard model "JS" and the airtight model "JL" according to DIN 1946 part 4 and DIN EN 1751 class 4, in addition to class 2 (test certificates for all EN 1751 classes available).

Dimensions:

The width (a) and the height (b); intermediate sizes are available, intermediate sizes are calculated at the price of the next largest dimension.

Frame:

In galvanized steel, available as standard with 3 flange profiles, guaranteeing a possibility of universal installation. Any flange profile can be manufactured on request. If no flange profile is indicated, C 38 will be manufactured automatically.

Blades:

In galvanized steel, designed as torsion-proof hollow profiles in two block widths of 100 mm or 165 mm, JL model with sealing lips, working in an opposite arrangement with particularly favourable drive and flow conditions.

Bearings:

Made out of polyamide, both models maintenance-free and airtight. PTFE and brass bearings are available for higher temperatures, ball bearings for higher pressure on request.

Blade coupling systems: Aluminium gears, one-side arrangement for model JS + JL and with sealing rings and seal for the JL model.

Axle extension:

An axle extension, consisting of a bushing, an extension axle and grooved pins, must allow an aligned mounting of the servomotor. In addition, we always recommend the use of an intermediate bearing when employing axle extensions, in order to avoid distortion of the drive axle. Please consult us when installing multi-leaf dampers under thermal stress, since the use of an universal coupling is possibly required in this case.

Accessories:

Fastening devices are supplied as standard for mounting all commercially available actuators.

Combination:

Standard combination with the weather resistant louver, ref. no. 260 and 261, is possible.

Accessories for multi-leaf dampers JS/JL	Blade width			
	100 mm		165 mm	
Fixing type	Ref. no.	Net price	Ref. no.	Net price
Motor-fixing device rotating laterally	1012	19,00 €	1013	20,00 €
Motor-fixing device rotating above	1014	70,00 €	1015	75,00 €
Bracket turning into the airflow	1018	70,00 €	1019	70,00 €
Coupling in width acc. to fig. 1		22,00 € gross		22,00 € gross
Manual adjustment acc. to fig. 2	1010	8,00 € gross	1011	8,00 € gross
Axle extension	Price on request (refer to page 2)			

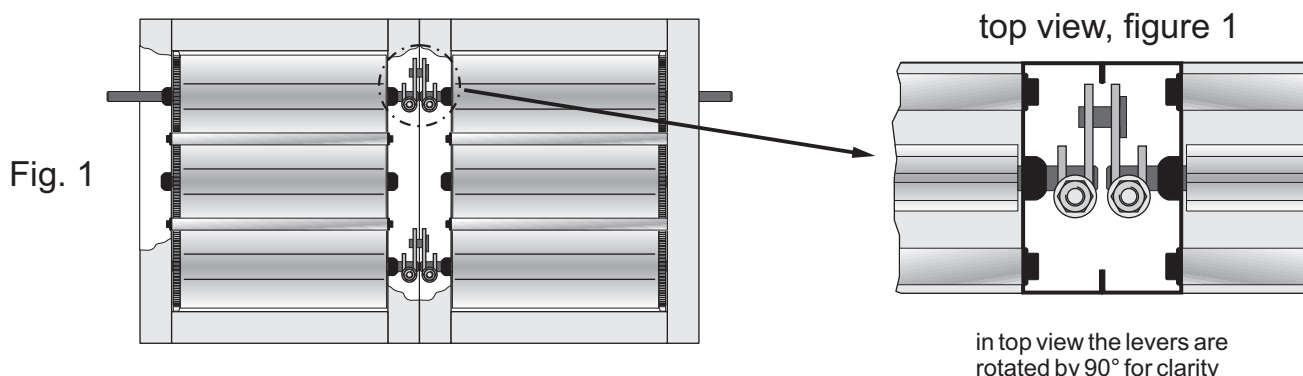
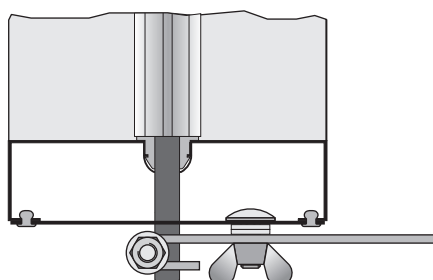
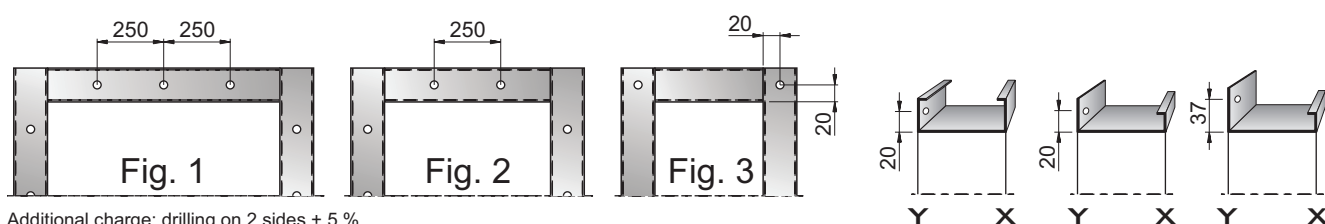


Fig. 2



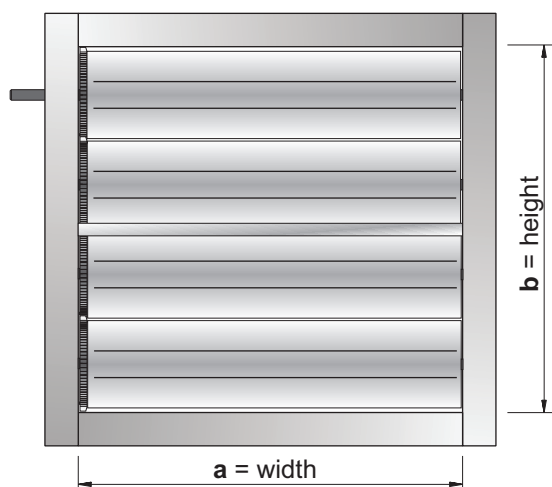
Flange drillings - profiles



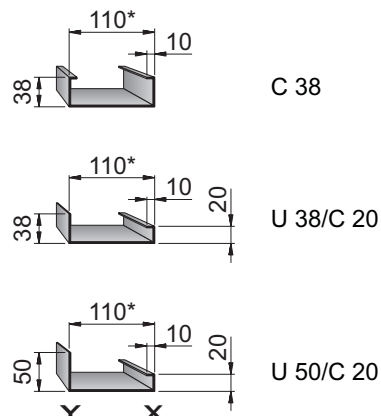
Special versions	Min. installation depth [mm]		Additional charge	
Version of the multiblade duct damper	Blade 100	Blade 165	Standard	Airtight
Galvanized steel, linkage in the opposite direction	140	175	x 1,2	x 1,2
Galvanized steel, linkage in the same direction	140	175	x 1,2	x 1,2
Material 1.4301 (with outer linkage)	140	175	x 5,6	x 3,75
Material 1.4571 (with outer linkage)	140	175	x 6,75	x 4,3
Material aluminium with inner gear / outer linkage	110	140	175	x 3,5
			x 3,5	x 2,25

Multi-leaf damper

damper width T = 110*
blade width T = 100



Flange profile



*140 mm for linkage (opposite and same direction)

€		a = width [mm]											
Price list		200	300	400	500	600	700	800	900	1000	1100	1200	1300
b = height [mm]	200												
	300												
	400												
	500												
	600												
	700												
	800												
	900												
	1000												
	1100												
	1200												

Ref. no. 256 Standard DIN EN 1751 class 2, additional charge factor 1.2

Intermediate sizes are available; intermediate sizes are calculated at the price of the next largest dimension.

Specifications

Multi-leaf damper manufactured by AEROTECHNIK SIEGWART, version JS, frame in galvanized steel, galvanized blades 100 mm wide, in torsion-proof hollow profile, bearing maintenance-free and airtight, blade coupling system with aluminium gears on one side.

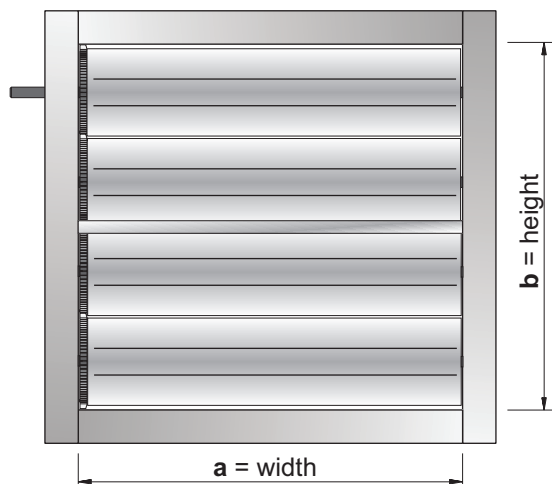
Dimensions: Width (a) = _____ mm

Height (b) = _____ mm

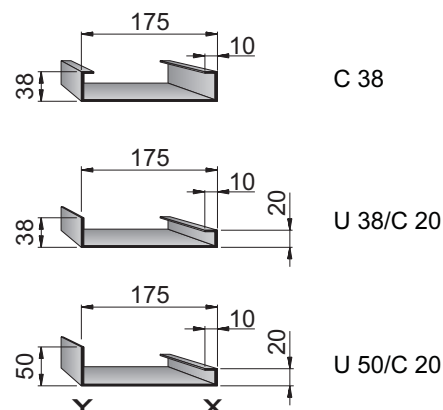
Accessories: _____



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Flange profile



€		a = width [mm]												
Price list		300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
b = height [mm]	345													
	510													
	675													
	840													
	1005													
	1170													
	1335													
	1500													
	1665													
	1830													
	1995													

Prices on request

Ref. no. 257 Standard DIN EN 1751 class 2, additional charge factor 1.2 - Ref. no. 257 is divided from 1600 mm on. Intermediate sizes are available; intermediate sizes are calculated at the price of the next largest dimension.

Specifications

Multi-leaf damper manufactured by AEROTECHNIK SIEGWART, version JS. Frame in galvanized steel, galvanized blades 165 mm wide, in torsion-proof hollow profile, bearing maintenance-free and airtight, blade coupling system with aluminium gears on one side.

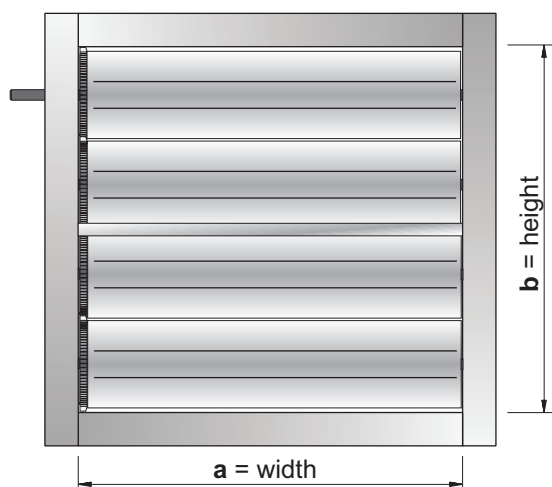
Dimensions: Width (a) = _____ mm

Height (b) = _____ mm

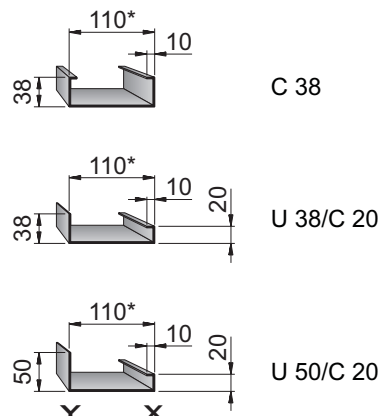
Accessories: _____

Multi-leaf damper

damper width T = 110*
blade width T = 100



Flange profile



*140 mm for linkage (opposite and same direction)

€ Price list		a = width [mm]											
		200	300	400	500	600	700	800	900	1000	1100	1200	
b = height [mm]	200												
	300												
	400												
	500												
	600												
	700												
	800												
	900												
	1000												
	1100												
	1200												

Intermediate sizes are available; intermediate sizes are calculated at the price of the next largest dimension.

Specifications

Multi-leaf dampers manufactured by AEROTECHNIK SIEGWART, version JL. Airtight according to DIN 1946 part 4 and DIN EN 1751 class 4, frame in galvanized steel, galvanized blades 100 mm wide, in torsion-proof hollow profile with sealing lip, bearing maintenance-free and airtight, blade coupling system with aluminium gears and sealing rings on one side, blade and opposite gear with sealing.

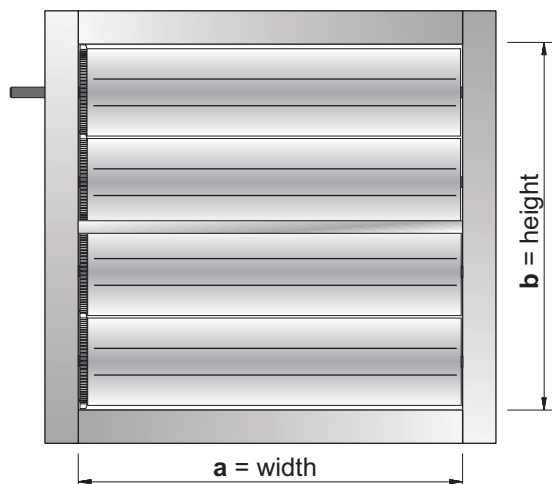
Dimensions: Width (a) = _____ mm

Height (b) = _____ mm

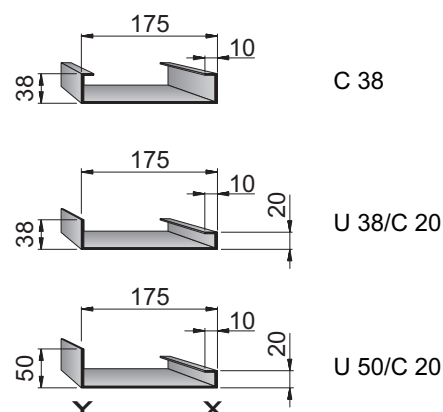
Accessories: _____



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Flange profile



€		a = width [mm]											
Price list		300	400	500	600	700	800	900	1000	1200	1400	1600	
b = height [mm]	345												
	510												
	675												
	840												
	1005												
	1170												
	1335												
	1500												
	1665												
	1830												
	1995												

Intermediate sizes are available; intermediate sizes are calculated at the price of the next largest dimension.

Specifications

Multi-leaf damper manufactured by AEROTECHNIK SIEGWART, version JL. Airtight according to DIN 1946 part 4 and DIN EN 1751 class 4, frame in galvanized steel, galvanized blades 165 mm wide, in torsion-proof hollow profile with sealing lip, bearing maintenance-free and airtight, blade coupling system with aluminium gears and sealing rings on one side, blade end opposite gear with sealing.

Dimensions: Width (a) = _____ mm

Height (b) = _____ mm

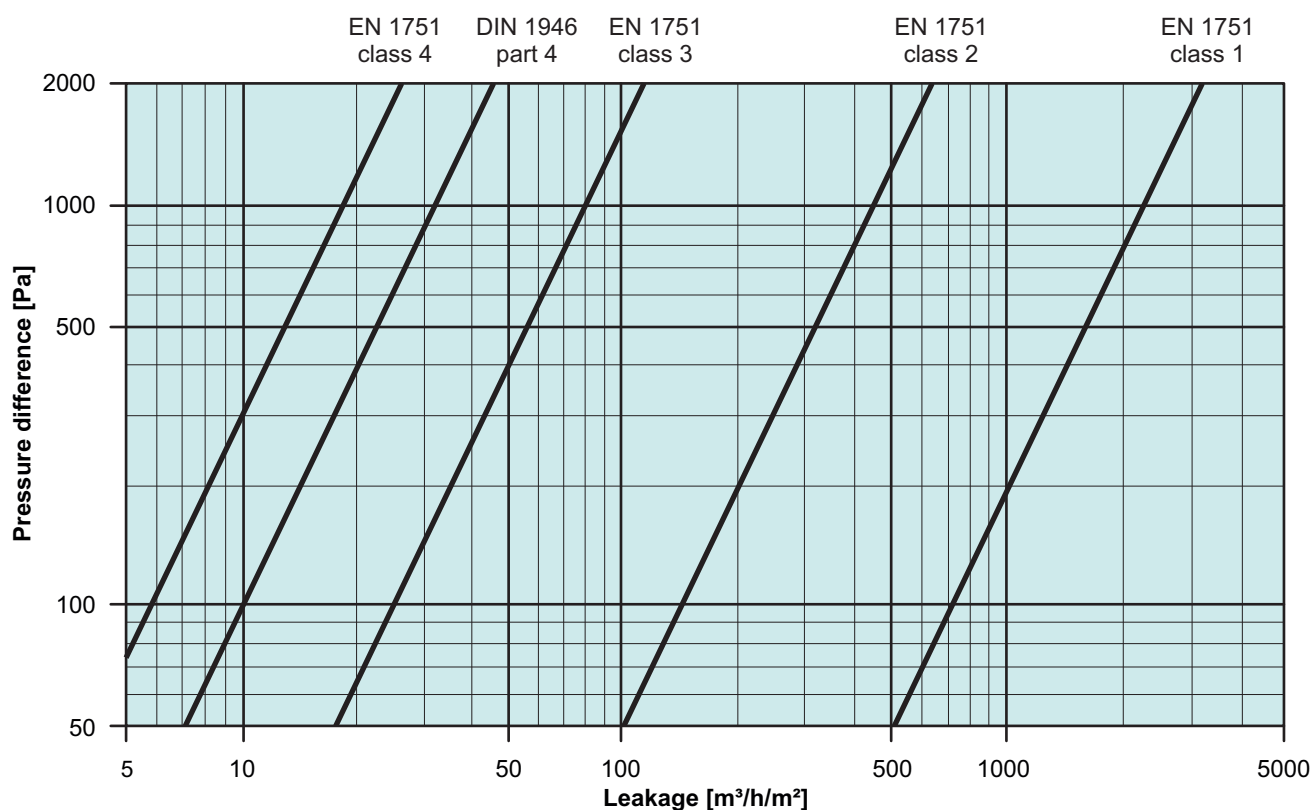
Accessories: _____

Multi-leaf damper

**Certified according
to the explosion protection directive 2014/34/EU
(EX)**

- . We manufacture in all dimensions:
- . multi-leaf dampers type JS and JL
- . in galvanized steel, aluminium, 1.4301 (V2A) as well as in 1.4571 (V4A)
- . alternatively powder-coated, colour according to RAL 9016

Leakage according to DIN EN 1751



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SIEGWART**

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