

Multileaf damper

The multileaf dampers are suitable to control and the adjust of the air flow in air conditioning or ventilation ducts.

They are installed by rectangular ducts or at the mouth of fans.

The housing, the blades and the axis are made in zinc plated steel with bushes in nylon or bronze.

The rotation of the blades can be in parallel or in opposite moving.



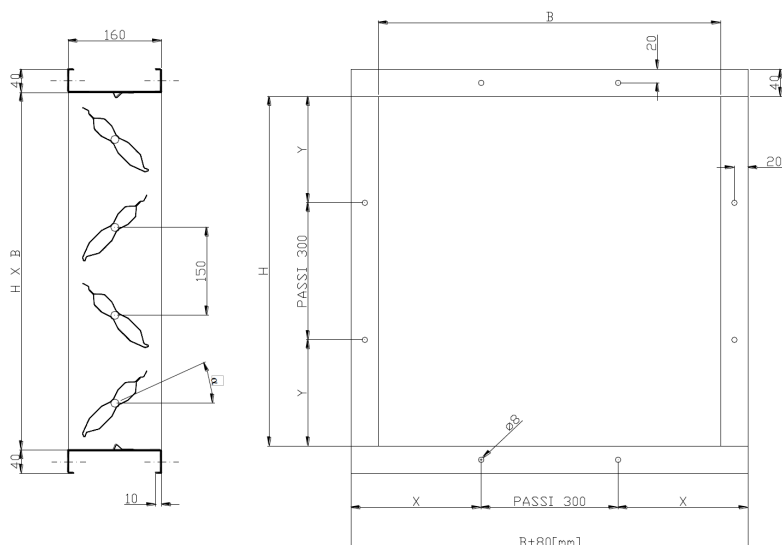
TECHNICAL FEATURES

Structure	Frame in galvanised steel, thickness 1,5 mm
Blades	Aerofoil blades in galvanised steel, thickness 0,6+0,6 mm
Blades height	150 mm
Leverages	External movement drive in galvanised steel
Bearings	nylon up 70°C o in bronze up to 200°C
Axes	ø12 mm in galvanized steel
Lateral seal	in flexible aluminium sheet
Pressure loss test	performed according to ISO 7244
Acoustic test	according to norm UNI EN 25135
Construction	Version in AISI 304

FEATURES

- Manual drive R11 up to 1,2 m² of surface
- Manual drive R12 over 1,2 m² of surface
- Special execution in AISI 304
- Adhesive longitudinal rubber seal or siliconical
- Axes ø18 mm in galvanised steel
- Electric actuator
- Pneumatic actuator double effect

DIMENSIONS



B	N°ofholes ø8	X	H	N°ofholes ø8	Y
200	/	/	160	/	/
300	/	/	310	/	/
400	1	240	460	1	230
500	1	290	610	1	305
600	1	340	760	2	230
700	2	240	910	2	305
800	2	290	1060	3	230
900	2	340	1210	3	305
1000	3	240	1360	4	230
1100	3	290	1510	4	305
1200	3	340	1660	5	230
1300	4	240	1810	5	305
1400	4	290	1960	6	230
1500	4	340	2110	6	305
1600	5	240	2260	7	230
1700	5	290	2410	7	305
1800	5	340			
1900	6	240			
2000	6	290			

V (m/s)	Pressure loss and noise level					
	$\alpha 0^\circ$		$\alpha 30^\circ$		$\alpha 60^\circ$	
	Δp_t Pa	LwA dB (A)	Δp_t Pa	LwA dB (A)	Δp_t Pa	LwA dB (A)
1	< 5	< 20	5	32	65	47
2	< 5	23	18	48	270	63
3	< 5	34	44	57	625	72
4	< 5	43	75	64	1110	77
5	< 5	48	120	70	> 1500*	83
6	< 5	54	170	74	> 1500*	87
7	5	58	240	77	> 1500*	90
8	7	62	320	80	> 1500*	93
9	9	66	400	83	> 1500*	95
10	11	69	480	85	> 1500*	98
11	13	72	590	88	> 1500*	100
12	15	75	700	90	> 1500*	> 100
13	18	77	820	92	> 1500*	> 100
14	21	79	950	93	> 1500*	> 100
15	25	81	1120	95	> 1500*	> 100

All the reported data are subject to be changed without notice.

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