REGULATION DAMPER WITH HOLD PITCH 200 mm.

OVERVIEW

CL-SRR SERIES

OVERVIEW:
The regulation dampers (DIN 1946/4) are used in ventilation systems for the exclusion of particular areas.

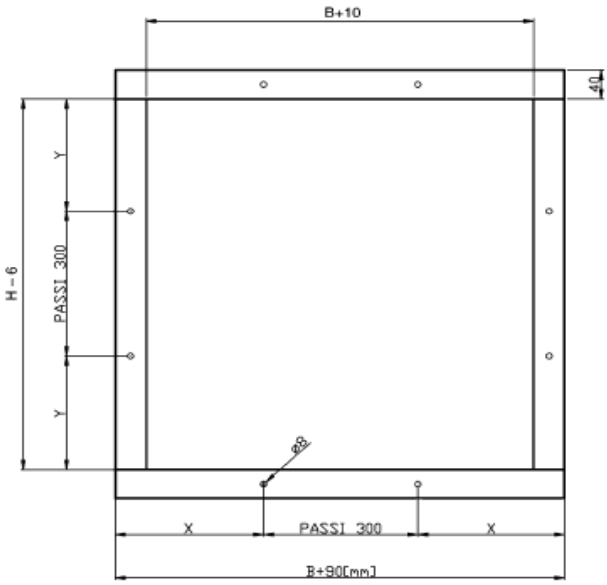
CHARACTERISTICS :
Frame in galvanised steel sheet Z275, 1,5mm thick;
Tubular blades with special profile for the insertion of the internal frame also in galvanised steel sheet but 0,8+0,8mm thick.
Blade weight 200 mm;
External hinges for the damper regulation;
bronze ringlets;
command hinge ø18 mm;
Lateral fixing with stainless steel blades on each large blade.

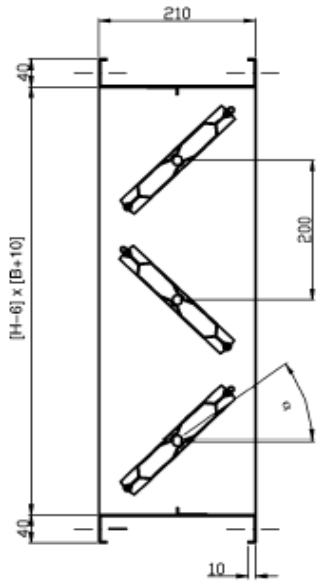
PERFORMANCE DATA:
Sealing of the blades class 4 according to EN 1751
Tightness of the case class C according to EN 1751
Test of pressure drops performed according to ISO 7244
Test of self-generated noise made according to EN 25135

ACCESSORIES :
manual command R12;
Electric servo motor:
-up to 0.2 m² Belimo NM model;
-from 0.21 to 1.0 m² Belimo SM model;
-from 1.1 to 1.5 m2 Belimo AM model;
-from 1.51 to 2.2 m² Belimo GM model;
-above 2.21 m² two motors in relation to the surface of each damper.

AVAILABLE SIZES :
Base B from 200mm to 2000mm
Height H from 210mm to 2010mm

MAIN DIMENSIONS :





REGULATION DAMPER
WITH HOLD PITCH 200 mm.

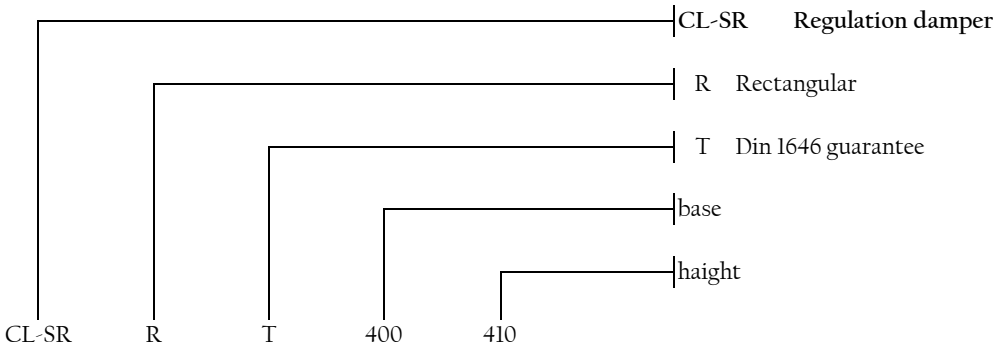
CL-SRR
SERIES

PERFORMANCE

PRESSURE DROP AND GENERATED NOISE

	ANGLE OF OPENING (0°=OPEN DAMPER)					
Frontal velocity	0°		30°		60°	
m/s	ΔPt	LwA	ΔPt	LwA	ΔPt	LwA
1	<5	<20	6	32	130	49
2	<5	23	23	49	520	69
3	<5	34	52	58	1185	76
4	<5	42	94	66	1350	83
5	<5	48	145	71		
6	<5	53	215	75		
7	7	57	290	79		
8	9	61	380	83		
9	11	64	480	86		
10	13	68	580	88		
11	16	71	700	91		
12	19	73	830	93		
13	22	75	975	95		
14	25	77	1130	97		
15	27	79	1300	99		

Factor to add to the generated noiseaccording to the surface of the damper																			
A [m²]	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2
C	-1,8	-0,1	1,2	2,1	2,9	3,6	4,2	4,7	5,1	5,6	5,9	6,3	6,6	6,9	7,2	7,4	7,7	7,9	8,1
A [m²]	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9
C	8,4	8,6	8,7	8,9	9,1	9,3	9,4	9,6	9,7	9,9	10	10	10	10,4	11	11	11	11	11



standard bases mm
200
300
400
500
600
700
800
900
1000
1100

standard bases mm
1200
1300
1400
1500
1600
1700
1800
1900
2000

standard haights mm
210
410
610
810
1010
1210
1410
1610
1810
2010