

## TECHNICAL INFORMATION

APPLICATION	Airflow type	Supply and extraction
CONSTRUCTION	Shape	Rectangular
	Air flow control	Manual, Actuator
	Available steps in height/width	50 mm
	Length	130 mm
	Min. height	150 mm
	Max. height	1200 mm
	Min. width	150 mm
	Max. width	1200 mm [2400 mm double, only KA103]
MATERIAL	Standard material	Galvanised steel [275 g/m <sup>2</sup> ]
	Blades	Aluminium extruded blades with airtight seal
PERFORMANCE	Certification	EN1751 Class C, EN1751 Class 2
	Min. service temperature	-20°C
	Max. service temperature	80°C

## QUICK SELECTION

BxH	duct velocity	flow rate		damper blade position							
				0° [OPEN]		20°		40°		60°	
				$\Delta P_{tot}$	$L_w$	$\Delta P_{tot}$	$L_w$	$\Delta P_{tot}$	$L_w$	$\Delta P_{tot}$	$L_w$
[mm x mm]	[m/s]	[m <sup>3</sup> /h]	[l/s]	[Pa]	[dB(A)]	[Pa]	[dB(A)]	[Pa]	[dB(A)]	[Pa]	[dB(A)]
200 X 200	2	288	80	3	<20	4	22	16	37	96	54
	4	576	160	13	33	17	38	62	52	383	71
	6	864	240	30	43	38	48	140	63	861	82
	10	1440	400	83	57	106	62	388	78	>2000	>90
400 X 200	2	576	160	3	<20	4	24	18	36	124	53
	4	1152	320	13	34	18	40	73	53	495	71
	6	1728	480	28	45	40	50	165	64	1113	82
	10	2880	800	79	60	112	66	458	80	>2000	>90
300 X 300	2	648	180	3	<20	5	23	20	36	140	54
	4	1296	360	12	33	18	39	79	54	560	73
	6	1944	540	28	43	42	51	179	66	1260	85
	10	3240	900	77	60	115	67	496	83	>2000	>90
600 X 300	2	1296	360	3	<20	5	25	25	37	201	54
	4	2592	720	12	34	20	42	100	55	803	72
	6	3888	1080	26	45	45	54	226	67	1807	83
	10	6480	1800	72	63	125	71	627	84	>2000	>90
400 X 400	2	1152	320	3	<20	5	25	25	38	201	56
	4	2304	640	12	34	20	42	100	56	803	74
	6	3456	960	26	46	45	55	226	69	1807	86
	10	5760	1600	72	64	125	73	627	86	>2000	>90
800 X 400	2	2304	640	3	<20	6	27	34	40	320	58
	4	4608	1280	11	35	22	45	136	58	1279	75
	6	6912	1920	24	48	50	58	306	71	>2000	85
	10	11520	3200	67	67	139	77	850	87	>2000	>90
1000 X 500	2	3600	1000	3	<20	6	33	46	46	503	64
	4	7200	2000	10	38	25	51	183	64	>2000	80
	6	10800	3000	23	51	56	64	413	76	>2000	>90
	10	18000	5000	64	72	154	83	1147	>90	>2000	>90

**i**  $\Delta P_{tot}$ : total pressure loss -  $L_w$ : sound power

# KA

## DUCT DAMPER WITH OPPOSING BLADES

Variations **KA103** **KA104**



Opposed blade damper with galvanised steel housing and extruded aluminium counter rotating blades. The aluminium blades are equipped with an air tight seal and maintenance free bearings. Housing meets Class C following EN1751, blades meet Class 2/4 following EN1751. Can be equipped with actuator or manual lever.

Class C housing following EN1751

Available height in steps of 50mm, width in steps of 50mm



ADJUSTABLE

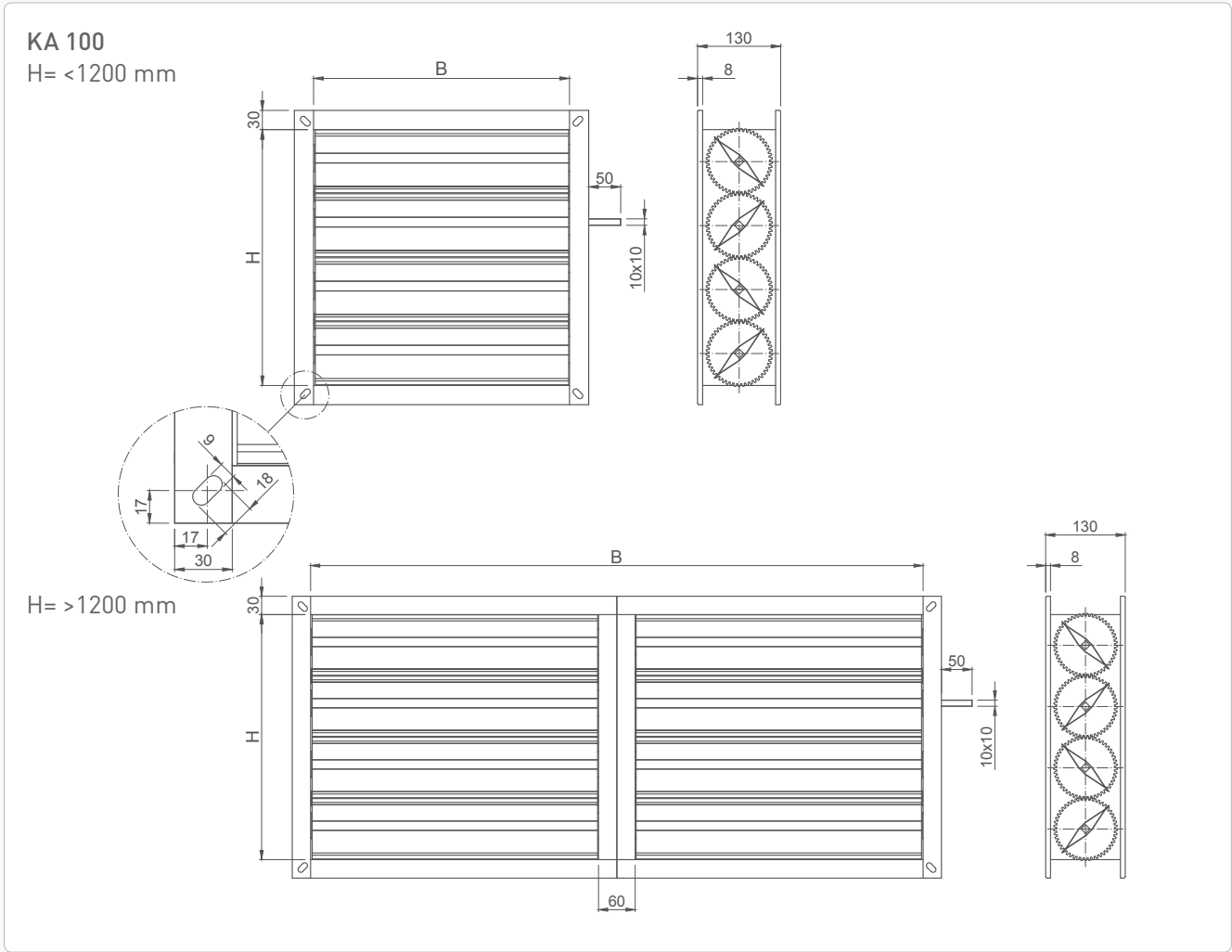


SQUARE DUCT

DUCT DAMPER WITH OPPOSED BLADES

KA103 KA104

DRAWING



All dimensions in mm.

HOW TO ORDER

K	A	1	0	3	H	0	1	5	0	0	1	5	0
						B (mm)				H (mm)			
						M: Preparation for actuator (actuator to be ordered separately) H: Manual operation							
						3: shutoff airtightness class 2 (EN1751), housing class C (EN1751) 4: shutoff airtightness class 4 (EN1751), housing class C (EN1751)							