

SGR ventilation ductwork air grille damper

SGR-DA



Description

The SGR-DA sliding angle damper is designed for installation on the SGR air grilles intended for round ventilation ducts. The damper is provided with separate clips for mounting on the air grille. The SGR-DA dampers provide a means to control the air flow rate, air flow speed and air flow range. The damper outlet grate is set at an angle to the air grille surface. The air flow is adjusted by repositioning the damper closure behind the damper grate.

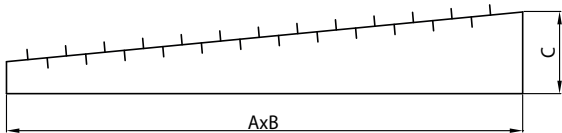
Available materials — Product code examples
SGR-DA-...-...- galvanized steel sheet

Product code example

Product code: **SGR-DA - bbb - ccc**

type
dimension A
dimension B

Dimensions



Product code	A [mm]	B [mm]	C [mm]
SGR-DA-325-75	325	75	55
SGR-DA-425-75	425	75	61
SGR-DA-525-75	525	75	70
SGR-DA-625-75	625	75	78
SGR-DA-825-75	825	75	80
SGR-DA-325-125	325	125	40
SGR-DA-425-125	425	125	61
SGR-DA-525-125	525	125	70
SGR-DA-625-125	625	125	75
SGR-DA-825-125	825	125	77
SGR-DA-325-225	325	225	55
SGR-DA-425-225	425	225	61
SGR-DA-525-225	525	225	70
SGR-DA-625-225	625	225	78
SGR-DA-825-225	825	225	78

Dane techniczne

SGR-DA (half open) - pressure drop Δp [Pa] - supply																
Wymiary [mm]	m^3/h l/s	50	100	200	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000
325x75	2	8	33	74	132	206	297									
425x75	1	5	19	43	77	121	174	236								
525x75		3	13	28	51	79	114	155	202							
625x75		2	9	20	36	56	80	109	143							
825x75		1	5	12	20	32	46	63	82							
325x125		3	12	27	48	74	107	146	190	297						
325x225			4	9	16	25	35	48	63	98	141					
425x125			7	16	28	43	63	85	111	174	250					
425x125			5	10	18	28	41	56	73	114	164					
525x125			3	7	13	20	29	39	51	80	116	157				
625x125			2	4	7	12	17	23	29	46	66	90	118			
825x125			3	7	12	19	28	38	49	77	110	150	196			
425x225				5	8	13	18	25	32	50	72	98	128	163		
625x225				3	6	9	13	17	23	35	51	69	91	115	142	
825x225				2	3	5	7	10	13	20	29	40	52	66	81	

SGR-DA (full open) - pressure drop Δp [Pa] - supply																
Wymiary [mm]	m^3/h l/s	50	100	200	300	400	500	600	700	800	1000	1200	1400	1600	1800	2000
325x75	1	5	22	49	88	137	198									
425x75		3	13	29	51	80	116	158								
525x75		2	8	19	34	53	76	103	135							
625x75		1	6	13	24	37	54	73	95							
825x75		1	3	8	14	21	31	42	55							
325x125		2	8	18	32	49	71	97	127	198						
325x225			3	6	10	16	24	32	42	65	94					
425x125			5	10	19	29	42	57	74	116	167					
425x125			3	7	12	19	27	37	49	76	109					
525x125			2	5	9	13	19	26	34	54	77	105				
625x125			1	3	5	8	11	15	20	31	44	60	79			
825x125			2	5	8	13	18	25	33	51	74	100	131			
425x225				3	5	8	12	16	21	33	48	66	86	108		
625x225				2	4	6	8	12	15	24	34	46	60	76	94	
825x225				1	2	3	5	7	9	14	20	27	35	44	54	