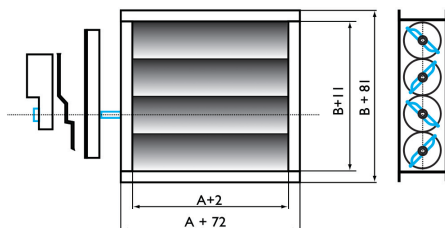


air valves AVK

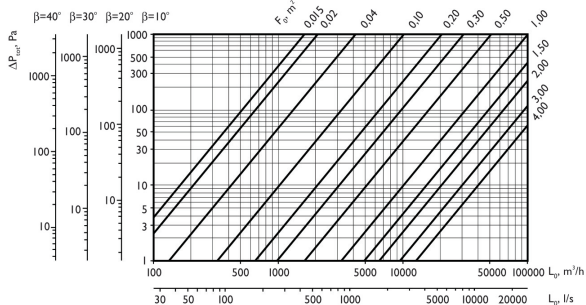
Aluminium air valves (AVK) are designed for regulation of air flow rate and isolation of air ducts. Valves are applicable when pressure differential at closed valve is not more than 1000 Pa (pressure class 1). The maximum working temperature is 70°C. The valve consists of rectangular casing and built-in-rotary shutters. Shutters are mounted on plastic inserts inside casing. Casing is assembled with the use of self-tapping screws. Universal features of components ensure easy and reliable valve design. Casing and shutters are made of pressed aluminum sections and gaskets are made of formed rubber. Cross-section dimensions of the valve are in conformity with dimensions of standard air duct cross-section. For accurate regulation of air flow rate by shutter turning angle, valves are supplied in complete with manual or electrical drive. Manual or electric drive is secured to the valve casing by a special platform, which is included in drive delivery set. The valve is mounted on the air duct by bolted connections. Valves retain operability and may be used irrespective of mounting spatial position.



Dimensional data



Aerodynamic and acoustic data of air valves AVK



Characteristics of valves AVK

Grille size	A+2, mm	B+11, mm	Weight, kg	Moment, N·m	F_0, m^2
300x150	302	161	2,6	2	0,045
400x200	402	211	3,6	2	0,080
500x250	502	261	4,7	5	0,125
500x300	502	311	5,1	5	0,150
550x250	502	261	5,0	5	0,138
600x300	602	311	5,9	5	0,180
600x350	602	361	6,4	5	0,210
700x400	702	411	7,8	7	0,280
800x500	802	511	10,0	7	0,400
1000x500	1002	511	12,1	10	0,500