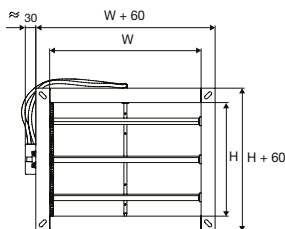
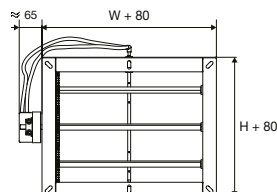


IVF-S Varioflow® – variable flow controller



IVF-S



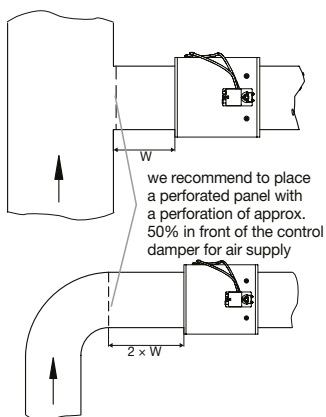
IVF-S-I

Technical parameters

The IVF-S control damper for square pipe with built-in control consists of a tight damper, actuator and measuring device. The input data is compared with a reference signal and then the actuator adjusts the damper setting.

- for controlling supply and exhaust air in ventilation systems
- can be controlled by temperature, air quality, pressure, etc. sensors
- IVF-S-I – version with external insulation
- standard version analogue input 0–10 V, actuator reconfiguration via the Belimo Assistant mobile app using NFC communication

Additional illustration



W [mm]	H [mm]	Ak [m²]	Qmin [m³/h]	Qmax [m³/h]
200	100	0.0170	144	720
300	100	0.0255	216	1080
400	100	0.0340	288	1440
500	100	0.0425	360	1800
600	100	0.0510	432	2160
200	200	0.0340	288	1440
300	200	0.0510	432	2160
400	200	0.0680	576	2880
500	200	0.0850	720	3600
600	200	0.1020	864	4320
700	200	0.1190	1008	5040
800	200	0.1360	1152	5760
300	300	0.0765	648	3240
400	300	0.1020	864	4320
500	300	0.1275	1080	5400
600	300	0.1530	1296	6480
700	300	0.1785	1512	7560
800	300	0.2005	1728	8640
900	300	0.2292	1944	9720
1000	300	0.2641	2160	10800
400	400	0.1411	1152	5760
500	400	0.1703	1440	7200
600	400	0.2037	1728	8640
700	400	0.2382	2016	10080
800	400	0.2654	2304	11520

W [mm]	H [mm]	Ak [m²]	Qmin [m³/h]	Qmax [m³/h]
900	400	0.3111	2592	12960
200	500	0.0850	720	3600
300	500	0.1275	1080	5400
400	500	0.1700	1440	7200
500	500	0.2125	1800	9000
600	500	0.2550	2160	10800
700	500	0.2975	2520	12600
800	500	0.3400	2880	14400
900	500	0.3825	3240	16200
1000	500	0.4250	3600	18000
600	600	0.3060	2592	12960
700	600	0.3570	3024	15120
800	600	0.4080	3456	17280
900	600	0.4590	3888	19440
1000	600	0.5100	4320	21600
700	700	0.4165	3528	17640
800	700	0.4760	4032	20160
900	700	0.5355	4536	22680
1000	700	0.5950	5040	25200
800	800	0.5440	4608	23040
900	800	0.6120	5184	25920
1000	800	0.6800	5760	28800
900	900	0.6885	5832	29160
1000	900	0.7650	6480	32400
1000	1000	0.8500	7200	36000

Belimo LMV-D3-MP actuator (5 Nm) or Belimo NMV-D3-MP actuator (10 Nm) depending on the size of the constant flow controller.