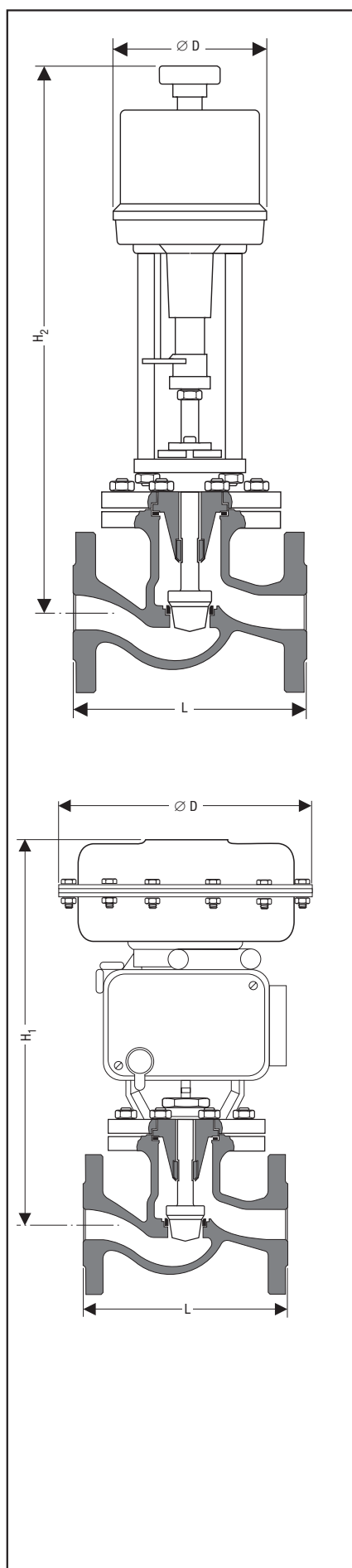




Applications

Type V 701 Control of liquids, gases and steam up to 250 °C.
Ultra-compact pneumatic design thanks to directly
attached positioner.

Max. Differential Pressure Ratings [bar] for Actuator Sizing

k _{vs} (m ³ /h)	DN [mm]	Lift [mm]	Pneumatic actuator			Electric actuator				
			IG 253 FS ¹⁾	IG 503 FS ¹⁾	IG 701 FS ¹⁾	AG 102	AG 204	AG 208	AG 210	AG 214
0.4	15, 20, 25	20	40			40	40			
0.63			40			40	40			
1			40			40	40			
1.6			40			40	40			
2.5			40			40	40			
4			40			40	40			
5.6	15		40			40	40			
6.3	20, 25		40			40	40			
8	20		40			40	40			
10	25, 32, 40		40			40	40			
14	25		40			24	40			
16	32, 40, 50		40			18	40			
22.4	32	40	40			8	36	40		
25	40, 50		40			8	36	40		
31.5	40		29	40		5	25	40		
40	50		26	40		4	22	40		
47.5	50		17	40		2	15	33	40	
40	65, 80			40			21	40		
63	65, 80, 100			37	40		12	28	37	40
80	65			22	34		7	17	22	34
100	80, 100			22	34		7	17	22	34
125	80			15	23		4	11	15	23
160	100			14	21		4	10	14	21
180	100			9	14		2	7	9	14
100	125, 150	60			33					33
160	125, 150				21					21
250	125, 150				13					13
355	150				8					8

Pneumatic actuators with spring range 2.0 – 4.8 bar. ¹⁾ Spring to close

Dimensions [mm] and Weights [kg]

		DN	15	20	25	32	40	50	65	80	100	125	150
		Ø D	Lift 20 mm					Lift 40 mm				Lift 60 mm	
Length L			130	150	160	180	200	230	290	310	350	400	480
H ₁	IG 253	265	445	445	445	475	475	480	–	–	–	–	–
	IG 503	352	–	–	–	–	–	–	665	665	670	–	–
	IG 701	390	–	–	–	–	–	–	710	710	715	805	805
H ₂	AG 102	219	567	567	567	597	597	602	–	–	–	–	–
	AG 204	219	567	567	567	597	597	602	667	667	672	–	–
	AG 208	236	–	–	–	720	720	725	790	790	795	–	–
	AG 210	236	–	–	–	720	720	725	790	790	795	–	–
	AG 214	250	–	–	–	–	–	–	900	900	905	995	995
Weights	IG 253		16.5	17.5	18	23	24	29	–	–	–	–	–
	IG 503		–	–	–	–	–	–	56	60	76	–	–
	IG 701		–	–	–	–	–	–	68	72	88	111	143
	AG 102		12	13	13.5	18.5	19.5	24.5	–	–	–	–	–
	AG 204		17.5	18.5	19	24	25	30	46	50	66	–	–
	AG 208		–	–	–	27.5	28.5	33.5	49.5	53.5	69.5	–	–
	AG 210		–	–	–	28	29	34	50	54	70	–	–
	AG 214		–	–	–	–	–	–	58	62	78	102	134