



Applications

Type V 725 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} ²⁾ (m ³ /h)	DN [mm]	Lift [mm]	Pneumatic actuator				Electric actuator		
			IP-127 FS ¹⁾	IP-252 FS ¹⁾	IP-502 FS ¹⁾	IP-700 FS ¹⁾	AP-102	AP-204	AP-208
1	15, 20, 25	20	40	40			40	40	
1.6			40	40			40	40	
2.5			40	40			40	40	
4			40	40			40	40	
5.6			15	40	40			40	40
6.3	20, 25, 32		40	40			40	40	
8	20		40	40			40	40	
10	25, 32, 40		40	40			40	40	
14	25		35	40			32	40	
16	32, 40, 50		35	40			32	40	
22.4	32	17	40			15	40		
25	40, 50	17	40			15	40		
31.5	40	12	31			10	30		
40	50	10	28			9	27		
47.5	50	6	19			6	18		
40	65			40	40		27	40	
63	65,80			38	40		16	32	
80	65			23	34		9	19	
100	80, 100	40		23	34		9	19	
125	80			15	23		6	13	
160	100			14	21		5	11	
180	100			9	14		3	8	

Pneumatic actuators with spring range 2.0 – 4.8 bar. Other ranges on request.

Max. differential pressure for control valves with PTFE rings.

1) Standard version "spring to close", "spring to open" available on request.

2) K_{vs} value 0.16/0.25/0.4 and 0.63 m³/h on request.

Dimensions [mm] and Weights [kg]

	DN	Ø D									
		15	20	25	32	40	50	65	80	100	
		Lift 20 mm					Lift 40 mm				
Length L		130	150	160	180	200	230	290	310	350	
H₁	IP-127	198	355	355	355	356	356	361	–	–	–
	IP-252	265	362	362	362	363	363	368	–	–	–
	IP-502	352	–	–	–	–	–	–	536	536	539
	IP-700	405	–	–	–	–	–	–	647	647	650
H₂	AP-102	177	508	508	508	525	525	578	–	–	–
	AP-204	177	508	508	508	525	525	578	631	631	635
	AP-208	177	–	–	–	–	–	–	669	669	673
Weight	IP-127	13	13	15	18	20	24	–	–	–	
	IP-252	17	18	19	23	24	28	–	–	–	
	IP-502	–	–	–	–	–	–	57	65	79	
	IP-700	–	–	–	–	–	–	72	77	93	
	AP-102	10	11	12	15	17	21	–	–	–	
	AP-204	10	11	12	16	17	22	37	44	58	
	AP-208	–	–	–	–	–	–	39	46	60	