



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

kvs (m³/h)	DN (mm)	Lift (mm)	Pneumatic actuator								Electric actuator		
			IP-127 SC¹)	IP-127 SO²)	IP-252 SC¹)	IP-252 SO²)	IP-502 SC¹)	IP-502 SO²)	IP-700 SC¹)	IP-700 FO²)	AP-102	AP-204	AP-208
0.63	15, 20, 25	20	40	40	40	40		–			40	40	
1.6			40	40	40	40		–			40	40	
2.5			40	40	40	40		–			40	40	
4			40	40	40	40					40	40	
5.6			15	40	40	40	40				40	40	
6.3	20, 25, 32		40	40	40	40					40	40	
8	20		40	40	40	40					40	40	
10	25, 32, 40		40	40	40	40					40	40	
14	25		36	40	40	40					26	40	
16	32, 40, 50		36	40	40	40					26	40	
25	40, 50	18	33	40	40					12	40		
31.5	40	12	23	32	40					8	28		
40	50	11	21	29	40					7	25		
47.5	50	7	14	20	40					4	17		
40	65					40	40	40	40		23	40	
63	65,80					38	40	40	40		13	29	
100	80, 100					23	40	35	40		8	18	
125	80					16	36	24	40		5	12	
160	100					14	32	22	37		4	11	
180	100					10	22	15	26		3	7	

Pneumatic actuators with spring range 2.0 – 4.8 bar. Other ranges on request.
Max. differential pressure for control valves with PTFE rings. ¹) Spring to close ²) Spring to open

Dimensions [mm] and Weights [kg]

		DN	15	20	25	32	40	50	65	80	100
		Ø D	Lift 20 mm						Lift 40 mm		
Length L			130	150	160	180	200	230	290	310	350
H ₁	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
H ₂	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