



Pneumatic Actuators for Globe Valves (on/off)

Actuator - **spring to open**, air to close

Air supply - maximum 6,0bar ü

Body - stainless steel (1.4571) electropolished

Ambient temperature limit: -20°C / -4°F (253K) bis +80°C / 176°F (353K)

Overview - required actuator sizes for differential pressures

DN	Differential pressure in bar											
	1,0	5,1	7,1	14,1	17,1	19,1	22,1	26,1	29,1	35,1	37,1	45,1
	5,0	7,0	14,0	17,0	19,0	22,0	26,0	29,0	35,0	37,0	45,0	50,0
10	A	A	A	A	A	A	A	A	A	A	A	A
15	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	A	A	A	A	A	A	A	A	A	A
25	A	A	A	A	A	A	A	A	A	A	A	A
32	A	A	A	A	A	A	A	A	A	B	C	C
40	A	A	A	A	A	A	A	B	C	C	C	C
50	A	A	A	A	B	C	C	C	C	C	C	C
65	B	B	B	C	C	C	C	C	C	C	D	E
80	B	B	C	C	C	C	D	E	E	E	E	E
100	B	C	C	D	E	E	E	E	E	E	E	E
150	D	E	E	E	E	E	o.r. - on request					

The differential pressures are based on the flow direction of the valve.

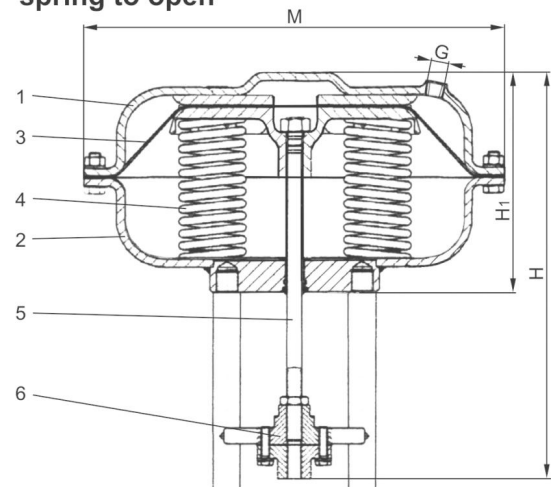
Differential pressures against the flow direction have to be requested separately.

Code in Table	Part No. Actuator
A	27532.15A6.3SPS
B	27532.35B6.6GPS
C	27532.60A6.6GPS
D	27532.60C6.7GPS
E	27532.75B6.2SPS

Materials	DIN EN	ASTM
1 Body	1.4571	A 240 Grade 316Ti
2 Body	1.4571	A 240 Grade 316Ti
3 Diaphragm	NBR	
4 Springs	Cr.Si-Leg.*	
5 Actuator stem	1.4571	A 276 Grade 316Ti
6 Coupling	1.4571	A 240 Grade 316Ti
* Coating:	material is corrosion resistant (Microcor Spezial) corrosion protection class C5-M	



spring to open



Type 27532		Technical data				
Part No. Actuator		27532				
		.15A6.3SPS	.35B6.6GPS	.60A6.6GPS	.60C6.7GPS	.75B6.2SPS
Diameter Actuator	M	162	210	310	310	430
Height	H	256	276	309	352	353
Height	H1	116	136	166	186	234
Thread	G	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	3/8" NPT
Diaphragm area	cm ²	120	280	530	530	1000
Spring range	bar	0.9 - 2.0	0.8 - 3.0	0.8 - 2.8	0.7 - 3.0	0.3 - 0.9
Minimum air pressure	bar	6.0	6.0	6.0	6.0	6.0
Regulating lift	mm	20	35	40	60	60
Weight	ca. kg	3.0	5.0	12.5	14.0	37.0

Dimensions in mm.