Certificato No. LRC 180457
ISO 9001

spirax sarco

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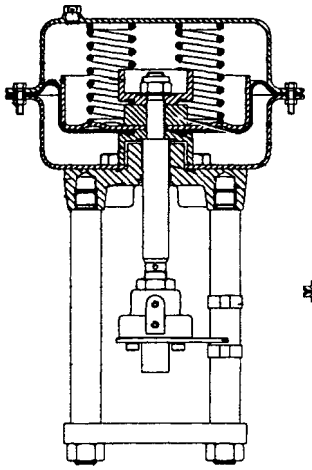
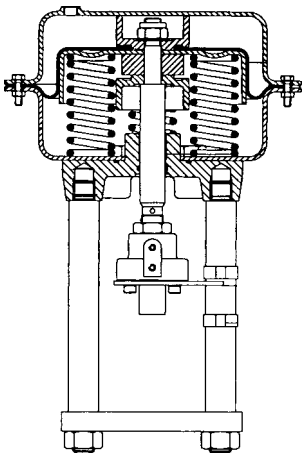
SerieS PN 5000 - PN 6000 pneumatic actuators

Description

A range of linear actuators having five diaphragm size for matching the requirements of different valves at variuos differential pressures. Each actuator is fitted with a mechanical travel indicators and incorporates a full rolling diaphragm to give linearity over the full operating stroke. Very sensitive diaphragm, suitably shaped to assure the optimal performance in every working positions, and high quality springs accurately engineered and sized, assure an excellent proportionality between the plug position and the control signal.
For high accuracy valve positioning on modulating applications and when using higher pressure spring range actuators a positioner must be used. The actuators, available with different joke sizes, are equipped with a Namur connector for an easy mounting of accessories as positioners, position transmitters, switch boxes, etc.
The actuators are designed for the easy action conversion in the field, to spring retract spindle operation (and vice versa), using the same components and without the need of special tools.
These actuators are designed to operate with 2 and 3 port valves.



PN 5200÷5600 actuator

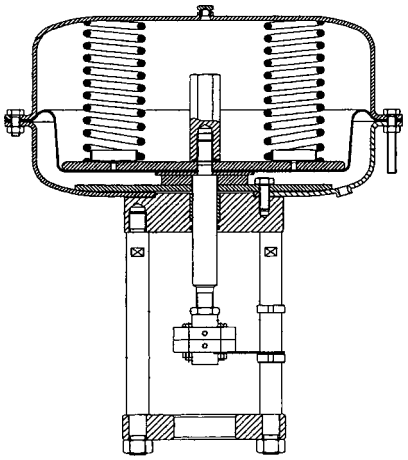


PN 6200÷6600 actuator

PN5000 Reverse acting pneumatic actuator (air retract spindle).
For 2 and 3-port valves up to DN100 (4").
The increase in air pressure causes the stem to move upwards, overcoming the force of the return springs.
Without air, the springs push the stem downwards, and thus assure the following valv0e action:
- two port direct acting valve, normally close
- tree way mixing valve, normally open the straight way
- tree way diverting valve, normally close the straight way

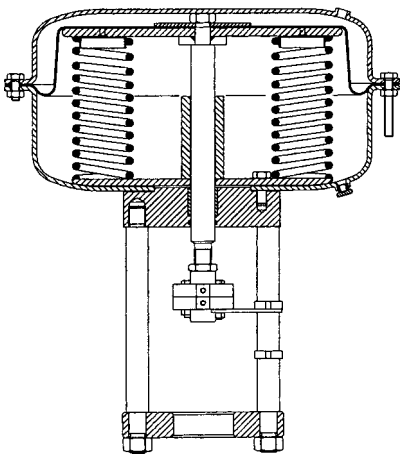
PN6000 Direct acting pneumatic actuator (air extend spindle)
For 2 and 3-port valves up to DN100 (4").
The increase in air pressure above the diaphragm causes the stem to move downwards, compressing the return springs.
Without air, the springs push the stem upwards, and thus assure the following valve action:
- two port direct acting valve, normally open
- tree way mixing valve, normally close the straight way
- tree way diverting valve, normally open the straight way

PN5700 Reverse acting pneumatic actuator (air retract spindle)
For the control of 2 and 3-port valves from DN125 to DN200.
The increase in air pressure causes the stem to move upwards, overcoming the force of the return springs.
Without air, the springs push the stem downwards, and thus assure the following valve action:
- two port direct acting valve, normally close
- tree way mixing valve, normally open the straight way
- tree way diverting valve, normally close the straight way



PN 5700 actuator

PN6700 Direct acting pneumatic actuator (air extend spindle)
For the control of 2- and 3 port valves from DN125 to DN200.
The increase in air pressure above the diaphragm causes the stem to move downwards, compressing the return springs.
Without air, the springs push the stem upwards, and thus assure the following valve action:
- two port direct acting valve, normally open
- tree way mixing valve, normally close the straight way
- tree way diverting valve, normally open the straight way



PN 6700 actuator

Main features

Type	Full rolling diaphragm				
Action	• Reverse - PN 5000 (air retract spindle) - PN 5700 (air retract spindle) • Direct - PN 6000 (air extend spindle) - PN 6700 (air extend spindle)				
Yoke material	Pillars carbon steel				
Diaphragm housing material	Carbon steel				
Diaphragm material	Reinforced nitrile rubber				
Actuator size	200	250	300	400	500
Models	PN 5200 PN 6200	PN 5300 PN 6300	PN 5400 PN 6400	PN 5500 PN 6500	PN 5600 PN 5700 PN 6600 PN 6700

Available models for PN 5000

Actuator model	Size	Spring range (bar)	Travel (mm)	Boss diameter (mm)
PN 5220	200	0.2 to 1 *	20	30
PN 5223	200	2 to 4	20	30
PN 5226	200	1 to 2	20	30
PN 5320	250	0.2 to 1 *	20	30
PN 5323	250	2 to 4	20	30
PN 5326	250	1 to 2	20	30
PN 5330	250	0.4 to 1.2	30	50
PN 5333	250	2 to 4	30	50
PN 5336	250	1 to 2	30	50
PN 5420	300	0.2 to 1 *	20	30
PN 5423	300	2 to 4	20	30
PN 5426	300	1 to 2	20	30
PN 5430	300	0.4 to 1.2	30	50
PN 5433	300	2 to 4	30	50
PN 5436	300	1 to 2	30	50
PN 5520	400	0.2 to 1 *	20	30
PN 5524	400	0.8 to 1.5	20	30
PN 5530	400	0.2 to 1 *	30	50
PN 5534	400	0.8 to 1.5	30	50
PN 5620	500	0.2 to 1 *	20	30
PN 5624	500	0.8 to 1.5	20	30
PN 5630	500	0.2 to 1 *	30	50
PN 5634	500	0.8 to 1.5	30	50
PN 5750	500	0.2 to 1 *	50	70
PN 5756	500	1 to 3	50	70
PN 5757	500	0.8 to 2.4	50	70

* The spring range can be adjusted at 0.4 to 1.2 bar.

Available models for PN 6000

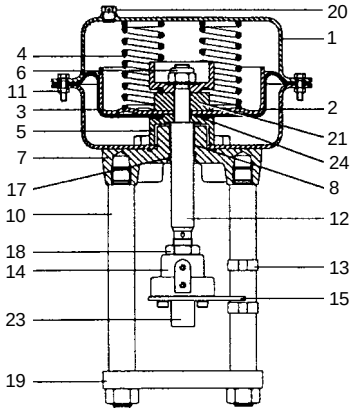
Actuator model	Size	Spring range (bar)	Travel (mm)	Boss diameter (mm)
PN 6220	200	0.2 to 1 *	20	30
PN 6320	250	0.2 to 1 *	20	30
PN 6330	250	0.4 to 1.2	30	50
PN 6420	300	0.2 to 1 *	20	30
PN 6430	300	0.4 to 1.2	30	50
PN 6520	400	0.2 to 1 *	20	30
PN 6530	400	0.2 to 1 *	30	50
PN 6620	500	0.2 to 1 *	20	30
PN 6630	500	0.2 to 1 *	30	50
PN 6750	500	0.2 to 1 *	50	70
PN 6757	500	0.8 to 2.4	50	70

* The spring range can be adjusted at 0.4 to 1.2 bar.

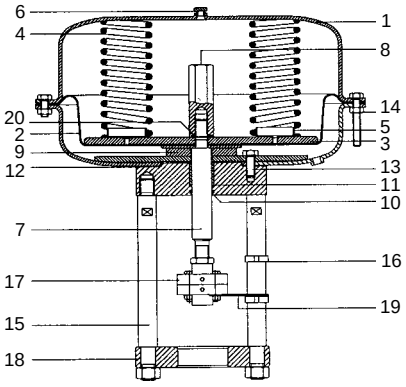
Materials

PN 5000 and PN 6000 actuators

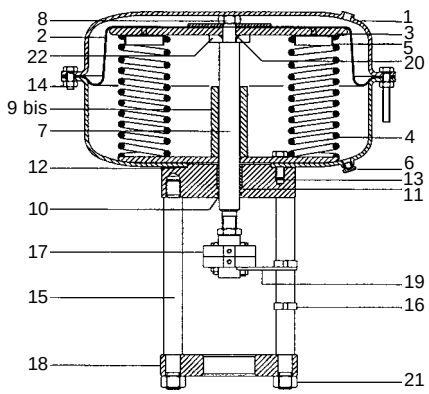
N°	Parts	Material
1	Diaphragm housing	Pressed steel
2	Rolling diaphragm	Fabric reinforced nitrile rubber
3	Diaphragm plate	Pressed steel
4	Spring	Spring steel
5	Diaphragm clamp casting	Stainless steel
6	Niloc nut	Steel
7	Baseplate	SG iron
8	DU bearing	PTFE / steel composite
10	Pillars	Steel
11	Housing securing nuts & bolts	Steel
12	Spindle	Stainless steel
13	Travel indicators	Spring steel
14	Connector	Steel
15	Indicator plate	Steel
17	O-Ring	Rubber
18	Lock- nut	Steel
19	Mounting flange	Stainless steel
20	Cap (with vent hole)	Nickle plated brass
21	Spacer	Steel
23	Adaptor	Steel
24	O-Ring	Rubber



PN 5200 to 5600 actuator



PN 5700 actuator



PN 6700 actuator

PN 5700 and PN 6700 actuators

N°	Part	Material
1	Diaphragm casing	Steel
2	Diaphragm	Reinforced nitrile rubber
3	Diaphragm plate	Steel
4	Spring	Spring steel
5	Spring guide	Zinc plated steel
6	Vent plug	Nickel plated brass
7	Spindle	Stainless steel
8	Lock nut	Stainless steel
9	Clamp plate	Zinc plated steel
9 bis	Spacer	Zinc plated steel
10	Spindle O-Ring	Nitrile rubber
11	Guide bush	Bronze
12	Gasket	Non asbestos fibre
13	Fixing screws	Steel
14	Housing bolts and nuts	Steel
15	Pillar	Zinc plated steel
16	Travel indicator	Stainless steel
17	Connector	Zinc plated steel
18	Mounting plate	Zinc plated steel
19	Anti-rotation plate	Zinc plated steel
20	Sealing O-Ring	Nitrile rubber
21	Pilllar nut	Zinc plated steel
22	Spacer	Zinc plated steel

Thecnical data

Type	Full-rolling diaphragm (Semi-rolling for PN 5700 and PN 6700)				
Action	• Reverse - PN 5000 • Direct - PN 6000				
Temperature range	- 20 to +100°C				
Maximum operating pressure	PN 5200 - PN 5300 - PN 5400 PN 6200 - PN 6300 - PN 6400				6 Bar
	PN 5750 - PN 5756 - PN 5757 PN 6750 - PN 6757				4.5 Bar
	PN 5500 - PN 5600 PN 6500 - PN 6600				2.5 Bar
Pneumatic connection					1/4" NPT - Female
	PN 5200 - PN 6100 - PN 6200				1/8" NPT - Female
Linearity	< 2 %				
Histeresis	< 2 %				
Housing air volume	Size				
	200	250	300	400	500
Volume with 20 mm travel (dm³)	0.99	1.39	2.36	6.20	8.40
Volume with 30 mm travel (dm³)	–	1.65	2.78	7.10	9.60
Volume with 50 mm travel (dm³)	–	–	–	–	8.50

PN 5000 Differential pressures for K valves with metal to metal trim and PTFE packing

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.3	10	16	25	36	63	100	160
Actuator	**Spring range (bar)**		**Minimum air pressure (bar)**	**Positioner required**	**Maximum differential pressure (bar)**								
	Vl. closed	**Vl. open**											
PN 5220	0.2	1.0	1.2	Optional	21.3	12.1	5.6	2.2	1.8	0.7	—	—	—
	0.4	1.2	1.6	Optional	40.0	24.6	13.4	6.1	4.5	2.2	—	—	—
PN 5226	1.0	2.0	3.0	Yes	40.0	40.0	31.1	14.7	8.0	4.4	—	—	—
PN 5223	2.0	4.0	6.0	Yes	40.0	40.0	40.0	38.0	25.6	14.1	—	—	—
PN 5320	0.2	1.0	1.2	Optional	34.4	19.1	10.0	4.4	3.3	1.6	—	—	—
	0.4	1.2	1.6	Optional	40.0	32.6	22.1	10.6	7.5	3.9	—	—	—
PN 5326	1.0	2.0	3.0	Yes	40.0	40.0	40.0	24.0	13.6	7.9	—	—	—
PN 5323	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	30.0	22.3	—	—	—
PN 5330	0.4	1.2	1.6	Optional	—	—	—	—	—	—	0.7	—	—
PN 5336	1.0	2.0	3.0	Yes	—	—	—	—	—	—	4.0	2.3	1.2
PN 5333	2.0	4.0	6.0	Yes	—	—	—	—	—	—	11.7	7.4	4.6
PN 5420	0.2	1.0	1.2	Optional	40.0	31.3	17.5	8.3	5.9	3.0	—	—	—
	0.4	1.2	1.6	Optional	40.0	40.0	37.2	18.4	12.6	6.8	—	—	—
PN 5426	1.0	2.0	3.0	Yes	40.0	40.0	40.0	38.5	22.4	13.3	—	—	—
PN 5423	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	30.0	30.0	—	—	—
PN 5430	0.4	1.2	1.6	Optional	—	—	—	—	—	—	2.5	1.3	0.6
PN 5436	1.0	2.0	3.0	Yes	—	—	—	—	—	—	7.3	4.5	2.6
PN 5433	2.0	4.0	6.0	Yes	—	—	—	—	—	—	20.2	13.1	8.3
PN 5520	0.2	1.0	1.2	Optional	40.0	40.0	34.0	16.0	11.5	5.6	—	—	—
	0.4	1.2	1.6	Optional	40.0	40.0	40.0	36.0	24.2	13.0	—	—	—
PN 5524	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	30.0	27.0	—	—	—
PN 5530	0.2	1.0	1.2	Optional	—	—	—	—	—	—	3.8	2.6	1.6
	0.4	1.2	1.6	Optional	—	—	—	—	—	—	7.9	5.2	3.3
PN 5534	0.8	1.5	2.3	Yes	—	—	—	—	—	—	15.8	10.4	6.6
PN 5620	0.2	1.0	1.2	Optional	40.0	40.0	40.0	23.3	16.0	7.8	—	—	—
	0.4	1.2	1.4	Optional	40.0	40.0	40.0	40.0	30.0	18.1	—	—	—
PN 5624	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	30.0	30.0	—	—	—
PN 5630	0.2	1.0	1.2	Optional	—	—	—	—	—	—	5.4	3.6	2.3
	0.4	1.2	1.4	Optional	—	—	—	—	—	—	11.0	7.3	4.6
PN 5634	0.8	1.5	2.3	Yes	—	—	—	—	—	—	22.0	14.5	9.2

PN 5000 Differential pressures for KH valves with metal to metal trim and high temperature packing

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.3	10	16	25	36	63	100	160
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Vl. closed	Vl. open											
PN 5220	0.2	1.0	1.2	Optional	3.5	1.9	—	—	—	—	—	—	—
	0.4	1.2	1.6	Optional	26.8	14.3	7.8	3.6	1.8	—	—	—	—
PN 5226	1.0	2.0	3.0	Yes	40.0	40.0	31.0	15.6	9.0	5.3	—	—	—
PN 5223	2.0	4.0	6.0	Yes	40.0	40.0	40.0	35.4	20.9	12.7	—	—	—
PN 5320	0.2	1.0	1.2	Optional	14.4	7.7	3.6	1.5	—	—	—	—	—
	0.4	1.2	1.6	Optional	40.0	26.0	15.0	7.4	4.0	2.2	—	—	—
PN 5326	1.0	2.0	3.0	Yes	40.0	40.0	40.0	24.8	14.5	8.8	—	—	—
PN 5323	2.0	4.0	6.0	Yes	—	40.0	40.0	40.0	32.0	19.6	—	—	—
PN 5330	0.4	1.2	1.6	Optional	—	—	—	—	—	—	—	—	—
PN 5336	1.0	2.0	3.0	Yes	—	—	—	—	—	—	4.4	2.7	1.6
PN 5333	2.0	4.0	6.0	Yes	—	—	—	—	—	—	11.1	7.1	4.4
PN 5420	0.2	1.0	1.2	Optional	31.5	16.8	9.3	4.4	2.3	1.2	—	—	—
	0.4	1.2	1.6	Optional	40.0	40.0	26.4	13.2	7.5	4.4	—	—	—
PN 5426	1.0	2.0	3.0	Yes	40.0	40.0	40.0	39.4	23.3	14.2	—	—	—
PN 5423	2.0	4.0	6.0	Yes	—	40.0	40.0	40.0	40.0	30.5	—	—	—
PN 5430	0.4	1.2	1.6	Optional	—	—	—	—	—	—	1.8	—	—
PN 5436	1.0	2.0	3.0	Yes	—	—	—	—	—	—	7.7	4.9	3.0
PN 5433	2.0	4.0	6.0	Yes	—	—	—	—	—	—	17.7	11.4	7.2
PN 5520	0.2	1.0	1.2	Optional	40.0	40.0	26.9	13.4	7.7	4.5	—	—	—
	0.4	1.2	1.6	Optional	40.0	40.0	40.0	31.2	18.3	1.1	—	—	—
PN 5524	0.8	1.5	2.3	Yes	—	40.0	40.0	40.0	39.7	24.3	—	—	—
PN 5530	0.2	1.0	1.2	Optional	—	—	—	—	—	—	1.8	—	—
	0.4	1.2	1.6	Optional	—	—	—	—	—	—	5.9	3.6	2.2
PN 5534	0.8	1.5	2.3	Yes	—	—	—	—	—	—	14.0	9.0	5.6
PN 5620	0.2	1.0	1.2	Optional	40.0	40.0	38.8	19.6	11.4	6.8	—	—	—
	0.4	1.2	1.4	Optional	40.0	40.0	40.0	40.0	25.7	15.7	—	—	—
PN 5624	0.8	1.5	2.3	Yes	—	40.0	40.0	40.0	40.0	33.5	—	—	—
PN 5630	0.2	1.0	1.2	Optional	—	—	—	—	—	—	3.5	2.1	1.2
	0.4	1.2	1.4	Optional	—	—	—	—	—	—	9.3	5.9	3.6
PN 5634	0.8	1.5	2.3	Yes	—	—	—	—	—	—	20.7	13.4	8.4

PN 5000 Differential pressures for KB valves with metal to metal trim and PN16* bellows seal

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.3	10	16	25	36	63	100	160
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Vl. closed	Vl. open											
PN 5220	0.2	1.0	1.2	Optional	8.2	6.1	3.8	2.1	1.0	—	—	—	—
	0.4	1.2	1.6	Optional	17.3	12.9	8.9	5.2	3.1	1.8	—	—	—
PN 5226	1.0	2.0	3.0	Yes	40.0	33.4	24.3	14.7	9.3	5.8	—	—	—
PN 5223	2.0	4.0	6.0	Yes	40.0	40.0	40.0	30.4	19.6	12.6	—	—	—
PN 5320	0.2	1.0	1.2	Optional	12.5	9.3	6.2	3.6	2.0	1.1	—	—	—
	0.4	1.2	1.6	Optional	25.9	19.3	13.7	8.2	5.0	3.1	—	—	—
PN 5326	1.0	2.0	3.0	Yes	40.0	40.0	36.2	22.0	14.1	9.0	—	—	—
PN 5323	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	29.2	18.9	—	—	—
PN 5330	0.4	1.2	1.6	Optional	—	—	—	—	—	—	1.4	—	—
PN 5336	1.0	2.0	3.0	Yes	—	—	—	—	—	—	5.1	3.2	1.9
PN 5333	2.0	4.0	6.0	Yes	—	—	—	—	—	—	11.4	7.4	4.7
PN 5420	0.2	1.0	1.2	Optional	19.2	14.3	10.0	5.9	3.5	2.1	—	—	—
	0.4	1.2	1.6	Optional	39.2	29.3	21.2	12.8	8.0	5.0	—	—	—
PN 5426	1.0	2.0	3.0	Yes	40.0	40.0	40.0	33.5	21.6	13.9	—	—	—
PN 5423	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	40.0	28.7	—	—	—
PN 5430	0.4	1.2	1.6	Optional	—	—	—	—	—	—	2.6	1.5	—
PN 5436	1.0	2.0	3.0	Yes	—	—	—	—	—	—	8.2	5.3	3.3
PN 5433	2.0	4.0	6.0	Yes	—	—	—	—	—	—	17.6	11.6	7.4
PN 5520	0.2	1.0	1.2	Optional	39.9	29.7	21.5	13.0	8.2	5.1	—	—	—
	0.4	1.2	1.6	Optional	40.0	40.0	40.0	27.0	17.4	11.1	—	—	—
PN 5524	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	35.8	23.2	—	—	—
PN 5530	0.2	1.0	1.2	Optional	—	—	—	—	—	—	2.7	1.6	—
	0.4	1.2	1.6	Optional	—	—	—	—	—	—	6.5	4.1	2.5
PN 5534	0.8	1.5	2.3	Yes	—	—	—	—	—	—	14.1	9.3	5.9
PN 5620	0.2	1.0	1.2	Optional	40.0	40.0	29.4	17.8	11.3	7.2	—	—	—
	0.4	1.2	1.4	Optional	40.0	40.0	40.0	36.7	23.7	15.3	—	—	—
PN 5624	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	40.0	31.5	—	—	—
PN 5630	0.2	1.0	1.2	Optional	—	—	—	—	—	—	4.3	2.6	1.6
	0.4	1.2	1.4	Optional	—	—	—	—	—	—	9.7	6.3	3.9
PN 5634	0.8	1.5	2.3	Yes	—	—	—	—	—	—	20.5	13.5	8.6

*** With PN25 bellows seal reduce given differential pressure values by 15%.**

PN 5700 Differential pressures for K and KH valves with metal to metal trim and PTFE or high temperature packing

DN (mm)					DN125 to 200 with reduced trim			Full size trim		
Kv					65	80	100	125	150	200
					63	100	160	195	300	470
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)					
	Vl. closed	Vl. open								
PN 5750	0.4	1.2	1.6	Optional	—	—	—	1.9	1.2	—
PN 5756	1.0	3.0	3.5	Yes	—	—	—	9.4	6.4	3.5
PN 5750 **	0.5	1.0	1.2	Yes	11.5	7.2	4.5	—	—	—
PN 5756 **	1.8	3.0	3.5	Yes	40.0	35.0	22.3	—	—	—

** Standard 50 mm travel actuator will provide 30 mm travel across spring range shown.

PN 5700 Differential pressures for KB valves with metal to metal trim and PN16* bellows seal

DN (mm)					DN125 to 200 with reduced trim			Full size trim		
Kv					65	80	100	125	150	200
					63	100	160	195	300	470
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)					
	Vl. closed	Vl. open								
PN 5750	0.4	1.2	1.6	Optional	—	—	—	1.7	1.2	—
PN 5756	1.0	3.0	3.5	Yes	—	—	—	8.5	6.0	3.4
PN 5750 **	0.5	1.0	1.2	Yes	8.3	5.7	3.9	—	—	—
PN 5756 **	1.8	3.0	3.5	Yes	38.5	27.8	19.1	—	—	—

* With PN25 bellows seal reduce given differential pressure values by 15%.
** Standard 50 mm travel actuator will provide 30 mm travel across spring range shown.

PN 6000 Differential pressures for K valves with metal to metal trim and PTFE packing

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.3	10	16	25	36	63	100	160
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Vl. closed	Vl. open											
PN 6220	1.0	0.2	1.2	Optional	21.0	11.2	5.8	2.6	1.2	—	—	—	—
	1.0	0.2	1.4	Optional	40.0	23.7	13.6	606	3.6	2.0	—	—	—
	1.0	0.2	4.0	Yes	31.9	17.0	9.4	4.5	2.3	1.2	—	—	—
PN 6320	1.0	0.2	1.2	Optional	40.0	35.3	20.8	10.3	5.8	3.4	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	40.0	40.0	31.6	—	—	—	
	1.0	0.2	4.0	Yes	—	40.0	40.0	40.0	30.0	30.0	—	—	—
PN 6330	1.0	0.2	1.4	Optional	—	—	—	—	—	—	1.4	—	—
	1.0	0.2	4.0	Yes	—	—	—	—	—	—	18.7	12.1	7.6
PN 6420	1.0	0.2	1.2	Optional	40.0	26.2	15.1	7.4	4.1	2.3	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	32.2	16.2	9.3	5.5	—	—	—
	1.0	0.2	4.0	Yes	40.0	40.0	40.0	40.0	40.0	—	—	—	
PN 6430	1.0	0.2	1.4	Optional	—	—	—	—	—	—	2.8	1.6	—
	1.0	0.2	4.0	Yes	—	—	—	—	—	—	28.6	18.7	11.8
PN 6520	1.0	0.2	1.2	Optional	40.0	40.0	32.7	16.4	9.5	5.6	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	40.0	34.2	20.1	12.2	—	—	—
	1.0	0.2	2.5	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6530	1.0	0.2	1.2	Optional	—	—	—	—	—	—	2.8	1.6	—
	1.0	0.2	1.4	Optional	—	—	—	—	—	—	6.9	4.3	2.6
	1.0	0.2	2.5	Yes	—	—	—	—	—	—	29.1	19.0	12.0
PN 6620	1.0	0.2	1.2	Optional	40.0	40.0	40.0	23.6	13.8	8.3	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	40.0	40.0	28.7	17.6	—	—	—
	1.0	0.2	2.5	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6630	1.0	0.2	1.2	Optional	—	—	—	—	—	—	4.5	2.7	1.6
	1.0	0.2	1.4	Optional	—	—	—	—	—	—	10.1	6.4	4.0
	1.0	0.2	2.5	Yes	—	—	—	—	—	—	40.0	27.0	17.1

PN 6000 Differential pressures for KH valves with metal to metal trim and high temperature packing

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.3	10	16	25	36	63	100	160
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Vl. closed	Vl. open											
PN 6220	1.0	0.2	1.2	Optional	3.5	1.9	—	—	—	—	—	—	—
	1.0	0.2	1.4	Optional	26.8	14.3	7.8	3.6	1.8	—	—	—	—
	1.0	0.2	4.0	Yes	40.0	40.0	40.0	40.0	32.8	20.1	—	—	—
PN 6320	1.0	0.2	1.2	Optional	14.4	7.7	3.6	1.5	—	—	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	15.0	7.4	4.0	2.2	—	—	—
	1.0	0.2	4.0	Yes	40.0	40.0	40.0	40.0	40.0	30.5	—	—	—
PN 6330	1.0	0.2	1.4	Optional	—	—	—	—	—	—	—	—	—
	1.0	0.2	4.0	Yes	—	—	—	—	—	—	17.7	11.4	7.2
PN 6420	1.0	0.2	1.2	Optional	31.5	16.8	9.3	4.4	2.3	1.2	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	26.4	13.2	7.5	4.4	—	—	—
	1.0	0.2	4.0	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6430	1.0	0.2	1.4	Optional	—	—	—	—	—	—	1.8	—	—
	1.0	0.2	4.0	Yes	—	—	—	—	—	—	27.6	18.0	11.4
PN 6520	1.0	0.2	1.2	Optional	40.0	40.0	26.9	13.4	7.7	4.5	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	40.0	31.2	18.3	11.1	—	—	—
	1.0	0.2	2.5	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6530	1.0	0.2	1.2	Optional	—	—	—	—	—	—	1.8	—	—
	1.0	0.2	1.4	Optional	—	—	—	—	—	—	5.9	3.6	2.2
	1.0	0.2	2.5	Yes	—	—	—	—	—	—	28.1	18.3	11.6
PN 6620	1.0	0.2	1.2	Optional	40.0	40.0	40.0	20.6	12.0	7.2	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	40.0	40.0	26.9	16.5	—	—	—
	1.0	0.2	2.5	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6630	1.0	0.2	1.2	Optional	—	—	—	—	—	—	3.5	2.0	1.2
	1.0	0.2	1.4	Optional	—	—	—	—	—	—	9.1	5.8	3.6
	1.0	0.2	2.5	Yes	—	—	—	—	—	—	40.0	26.4	16.7

PN 6000 Differential pressures for KB valves with metal to metal trim and PN16* bellows seal

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.3	10	16	25	36	63	100	160
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Vl. closed	Vl. open											
PN 6220	1.0	0.2	1.2	Optional	8.2	6.1	3.8	2.1	1.0	—	—	—	—
	1.0	0.2	1.4	Optional	17.3	12.9	8.9	5.2	3.1	1.8	—	—	—
	1.0	0.2	4.0	Yes	40.0	40.0	40.0	40.0	29.9	19.3	—	—	—
PN 6320	1.0	0.2	1.2	Optional	12.5	9.3	6.2	3.6	2.0	1.1	—	—	—
	1.0	0.2	1.4	Optional	25.9	19.3	13.7	8.2	5.0	3.1	—	—	—
	1.0	0.2	4.0	Yes	40.0	40.0	40.0	40.0	40.0	28.7	—	—	—
PN 6330	1.0	0.2	1.4	Optional	—	—	—	—	—	—	1.4	—	—
	1.0	0.2	4.0	Yes	—	—	—	—	—	—	17.6	11.6	7.4
PN 6420	1.0	0.2	1.2	Optional	19.2	14.3	10.0	5.9	3.5	2.1	—	—	—
	1.0	0.2	1.4	Optional	39.2	29.3	21.2	12.8	8.0	5.0	—	—	—
	1.0	0.2	4.0	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6430	1.0	0.2	1.4	Optional	—	—	—	—	—	—	2.6	1.5	—
	1.0	0.2	4.0	Yes	—	—	—	—	—	—	27.0	17.9	11.5
PN 6520	1.0	0.2	1.2	Optional	39.9	29.7	21.5	13.0	8.2	5.1	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	40.0	27.0	17.4	11.1	—	—	—
	1.0	0.2	2.5	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6530	1.0	0.2	1.2	Optional	—	—	—	—	—	—	2.7	1.6	—
	1.0	0.2	1.4	Optional	—	—	—	—	—	—	6.5	4.1	2.5
	1.0	0.2	2.5	Yes	—	—	—	—	—	--	27.4	18.2	11.7
PN 6620	1.0	0.2	1.2	Optional	40.0	40.0	30.7	18.6	11.9	7.5	—	—	—
	1.0	0.2	1.4	Optional	40.0	40.0	40.0	38.3	24.8	16.0	—	—	—
	1.0	0.2	2.5	Yes	40.0	40.0	40.0	40.0	40.0	40.0	—	—	—
PN 6630	1.0	0.2	1.2	Optional	—	—	—	—	—	—	4.2	2.6	1.5
	1.0	0.2	1.4	Optional	—	—	—	—	—	—	9.6	6.2	3.9
	1.0	0.2	2.5	Yes	—	—	—	—	—	—	38.9	26.0	16.7

*** With PN25 bellows seal reduce given differential pressure values by 15%.**

PN 6700 Differential pressures for K and KH valves with metal to metal trim and PTFE or high temperature packing

DN (mm)					DN125 to 200 with reduced trim			Full size trim		
					65	80	100	125	150	200
travel (mm)					30			50		
Kv					63	100	160	195	300	470
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)					
	Vl. closed	Vl. open								
PN 6750	1.0	0.2	1.4	Optional	—	—	—	1.8	1.2	—
	1.0	0.2	3.0	Yes	—	—	—	13.8	9.5	5.2
PN 6750 **	0.7	0.2	3.0	Yes	40.0	40.0	26.1	—	—	—

**** Standard 50 mm travel actuator will provide 30 mm travel across spring range shown.**

PN 6700 Differential pressures for KB valves with metal to metal trim and PN16* bellows seal

DN (mm)					DN125 to 200 with reduced trim			Full size trim		
					65	80	100	125	150	200
travel (mm)					30			50		
Kv					63	100	160	195	300	470
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)					
	Vl. closed	Vl. open								
PN 6750	1.0	0.2	1.4	Opzionale	—	—	—	1.6	1.1	—
	1.0	0.2	3.0	Richiesto	—	—	—	12.5	8.9	5.0
PN 6750 *	0.7	0.2	3.0	Richiesto	40.0	32.5	22.4	—	—	—

*** With PN25 bellows seal reduce given differential pressure values by 15%.**
**** Standard 50 mm travel actuator will provide 30 mm travel across spring range shown.**

PN 5000 / 6000 Differential pressures for Q valves with metal to metal trim and PTFE packing

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.0	10	17	25	35	62	100	130
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Min.	Max											
PN 5220 / 6220	0.2	1.0	1.2	Optional	7.8	7.8	4.0	2.2	1.0	—	—	—	—
	0.4	1.2	1.6	Optional	16.5	16.5	9.5	5.7	3.3	1.8	—	—	—
PN 5226 / 6226	1.0	2.0	3.0	Yes	40.0	40.0	25.9	16.2	9.9	5.9	—	—	—
PN 5223 / 6223	2.0	4.0	6.0	Yes	40.0	40.0	40.0	33.6	21.1	12.8	—	—	—
PN 5320 / 6320	0.2	1.0	1.2	Optional	12.5	12.5	7.0	4.1	2.2	1.1	—	—	—
	0.4	1.2	1.6	Optional	25.9	25.9	15.4	9.4	5.7	3.3	—	—	—
PN 5326 / 6326	1.0	2.0	3.0	Yes	40.0	40.0	40.0	25.5	15.9	9.6	—	—	—
PN 5323 / 6323	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	33.0	20.2	—	—	—
PN 5330 / 6330	0.4	1.2	1.6	Optional	—	—	—	—	—	—	1.4	—	—
PN 5336 / 6336	1.0	2.0	3.0	Yes	—	—	—	—	—	—	5.3	3.2	1.9
PN 5333 / 6333	2.0	4.0	6.0	Yes	—	—	—	—	—	—	11.8	7.5	4.7
PN 5420 / 6420	0.2	1.0	1.2	Optional	19.0	19.0	11.0	6.7	3.9	2.2	—	—	—
	0.4	1.2	1.6	Optional	39.0	39.0	23.6	14.7	9.0	5.3	—	—	—
PN 5426 / 6426	1.0	2.0	3.0	Yes	40.0	40.0	40.0	38.5	24.3	14.8	—	—	—
PN 5423 / 6423	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	40.0	30.6	—	—	—
PN 5425 / 6425	0.4	2.0	2.5	Yes	39.0	39.0	23.6	14.7	9.0	5.3	—	—	—
PN 5430 / 6430	0.4	1.2	1.6	Optional	—	—	—	—	—	—	2.4	1.4	—
PN 5436 / 6436	1.0	2.0	3.0	Yes	—	—	—	—	—	—	8.4	5.3	3.3
PN 5433 / 6433	2.0	4.0	6.0	Yes	—	—	—	—	—	—	16.9	10.9	6.8
PN 5520 / 6520	0.2	1.0	1.2	Optional	39.0	39.0	23.6	14.7	9.0	5.3	—	—	—
	0.4	1.2	1.6	Optional	40.0	40.0	40.0	30.6	19.2	11.6	—	—	—
PN 5524 / 6524	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	39.6	24.3	—	—	—
PN 5530 / 6530	0.2	1.0	1.2	Optional	—	—	—	—	—	—	2.7	1.5	—
	0.4	1.2	1.6	Optional	—	—	—	—	—	—	6.5	4.1	2.4
PN 5534 / 6534	0.8	1.5	2.3	Yes	—	—	—	—	—	—	14.2	9.2	5.7
PN 5620 / 6620	0.2	1.0	1.2	Optional	40.0	40.0	33.8	212	13.1	7.9	—	—	—
	0.4	1.2	1.4	Optional	40.0	40.0	40.0	40.0	27.5	16.8	—	—	—
PN 5624 / 6624	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	40.0	34.6	—	—	—
PN 5630 / 6630	0.2	1.0	1.2	Optional	—	—	—	—	—	—	4.2	2.6	1.5
	0.4	1.2	1.4	Optional	—	—	—	—	—	—	9.7	6.1	3.8
PN 5634 / 6634	0.8	1.5	2.3	Yes	—	—	—	—	—	—	20.5	13.3	8.4

PN 5000 / 6000 Differential pressures for QH valves with metal to metal trim and high temperature packing

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.0	10	17	25	35	62	100	130
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Min.	Max											
PN 5220 / 6220	0.2	1.0	1.2	Optional	—	—	—	—	—	—	—	—	—
	0.4	1.2	1.6	Optional	9.5	9.5	5.1	2.9	1.5	—	—	—	—
PN 5226 / 6226	1.0	2.0	3.0	Yes	35.7	35.7	21.5	13.4	8.2	4.8	—	—	—
PN 5223 / 6223	2.0	4.0	6.0	Yes	40.0	40.0	40.0	30.8	19.3	11.7	—	—	—
PN 5320 / 6320	0.2	1.0	1.2	Optional	5.5	5.5	2.5	1.3	—	—	—	—	—
	0.4	1.2	1.6	Optional	18.9	18.9	11.0	6.7	3.9	2.1	—	—	—
PN 5326 / 6326	1.0	2.0	3.0	Yes	40.0	40.0	36.2	22.4	14.1	8.5	—	—	—
PN 5323 / 6323	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	31.2	19.1	—	—	—
PN 5330 / 6330	0.4	1.2	1.6	Optional	—	—	—	—	—	—	—	—	—
PN 5336 / 6336	1.0	2.0	3.0	Yes	—	—	—	—	—	—	4.3	2.6	1.5
PN 5333 / 6333	2.0	4.0	6.0	Yes	—	—	—	—	—	—	10.8	6.9	4.2
PN 5420 / 6420	0.2	1.0	1.2	Optional	12.0	12.0	6.7	3.9	2.1	1.1	—	—	—
	0.4	1.2	1.6	Optional	32.0	32.0	19.2	11.9	7.2	4.2	—	—	—
PN 5426 / 6426	1.0	2.0	3.0	Yes	40.0	40.0	40.0	35.7	22.5	13.7	—	—	—
PN 5423 / 6423	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	40.0	29.5	—	—	—
PN 5425 / 6425	0.4	2.0	2.5	Yes	32.0	32.0	19.2	11.9	7.2	4.2	—	—	—
PN 5430 / 6430	0.4	1.2	1.6	Optional	—	—	—	—	—	—	1.4	—	—
PN 5436 / 6436	1.0	2.0	3.0	Yes	—	—	—	—	—	—	7.4	4.7	2.8
PN 5433 / 6433	2.0	4.0	6.0	Yes	—	—	—	—	—	—	15.9	10.2	6.4
PN 5520 / 6520	0.2	1.0	1.2	Optional	32.0	32.0	19.2	11.9	7.2	4.2	—	—	—
	0.4	1.2	1.6	Optional	40.0	40.0	40.0	27.8	17.4	10.5	—	—	—
PN 5524 / 6524	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	37.8	23.2	—	—	—
PN 5530 / 6530	0.2	1.0	1.2	Optional	—	—	—	—	—	—	1.7	—	—
	0.4	1.2	1.6	Optional	—	—	—	—	—	—	5.5	3.4	2.0
PN 5534 / 6534	0.8	1.5	2.3	Yes	—	—	—	—	—	—	13.2	8.5	5.3
PN 5620 / 6620	0.2	1.0	1.2	Optional	40.0	40.0	29.4	18.4	11.4	6.8	—	—	—
	0.4	1.2	1.4	Optional	40.0	40.0	40.0	40.0	25.7	15.7	—	—	—
PN 5624 / 6624	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	40.0	33.5	—	—	—
PN 5630 / 6630	0.2	1.0	1.2	Optional	—	—	—	—	—	—	3.2	1.9	1.1
	0.4	1.2	1.4	Optional	—	—	—	—	—	—	8.7	5.5	3.4
PN 5634 / 6634	0.8	1.5	2.3	Yes	—	—	—	—	—	—	19.5	12.6	7.9

PN 5000 / 6000 Differential pressures for QB valves with metal to metal trim and PN16* bellows seal

DN (mm)					15	20	25	32	40	50	65	80	100
Travel (mm)					20						30		
Kv					0.4 to 4	6.0	10	17	25	35	62	100	130
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)								
	Min.	Max											
PN 5220 / 6220	0.2	1.0	1.2	Optional	3.5	3.5	2.3	1.5	—	—	—	—	—
	0.4	1.2	1.6	Optional	7.4	7.4	5.3	3.8	2.5	1.5	—	—	—
PN 5226 / 6226	1.0	2.0	3.0	Yes	19.1	19.1	14.6	10.8	7.6	4.9	—	—	—
PN 5223 / 6223	2.0	4.0	6.0	Yes	38.6	38.6	30.0	22.5	16.0	10.7	—	—	—
PN 5320 / 6320	0.2	1.0	1.2	Optional	5.6	5.6	3.9	2.7	1.7	—	—	—	—
	0.4	1.2	1.6	Optional	11.6	11.6	8.6	6.3	4.3	2.7	—	—	—
PN 5326 / 6326	1.0	2.0	3.0	Yes	29.5	29.5	22.8	17.1	12.1	8.0	—	—	—
PN 5323 / 6323	2.0	4.0	6.0	Yes	40.0	40.0	40.0	34.9	25.1	16.9	—	—	—
PN 5330 / 6330	0.4	1.2	1.6	Optional	—	—	—	—	—	—	1.2	—	—
PN 5336 / 6336	1.0	2.0	3.0	Yes	—	—	—	—	—	—	4.7	3.0	1.8
PN 5333 / 6333	2.0	4.0	6.0	Yes	—	—	—	—	—	—	10.5	7.0	4.4
PN 5420 / 6420	0.2	1.0	1.2	Optional	8.5	8.5	6.2	4.5	3.0	1.8	—	—	—
	0.4	1.2	1.6	Optional	17.4	17.4	13.3	9.8	6.8	4.5	—	—	—
PN 5426 / 6426	1.0	2.0	3.0	Yes	40.0	40.0	34.4	25.8	18.4	12.4	—	—	—
PN 5423 / 6423	2.0	4.0	6.0	Yes	40.0	40.0	40.0	40.0	37.8	25.6	—	—	—
PN 5425 / 6425	0.4	2.0	2.5	Yes	17.4	17.4	13.3	9.8	6.8	4.5	—	—	—
PN 5430 / 6430	0.4	1.2	1.6	Optional	—	—	—	—	—	—	2.2	1.3	—
PN 5436 / 6436	1.0	2.0	3.0	Yes	—	—	—	—	—	—	7.5	4.9	3.1
PN 5433 / 6433	2.0	4.0	6.0	Yes	—	—	—	—	—	—	15.1	10.1	6.5
PN 5520 / 6520	0.2	1.0	1.2	Optional	17.4	17.4	13.3	9.8	6.8	4.5	—	—	—
	0.4	1.2	1.6	Optional	35.2	35.2	27.3	20.5	14.6	9.7	—	—	—
PN 5524 / 6524	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	30.0	20.3	—	—	—
PN 5530 / 6530	0.2	1.0	1.2	Optional	—	—	—	—	—	—	2.4	1.4	—
	0.4	1.2	1.6	Optional	—	—	—	—	—	—	5.8	3.8	2.3
PN 5534 / 6534	0.8	1.5	2.3	Yes	—	—	—	—	—	—	12.7	8.5	5.4
PN 5620 / 6620	0.2	1.0	1.2	Optional	24.7	24.7	19.0	14.2	10.0	6.6	—	—	—
	0.4	1.2	1.4	Optional	40.0	40.0	38.8	29.1	20.9	14.0	—	—	—
PN 5624 / 6624	0.8	1.5	2.3	Yes	40.0	40.0	40.0	40.0	40.0	28.9	—	—	—
PN 5630 / 6630	0.2	1.0	1.2	Optional	—	—	—	—	—	—	3.8	2.4	1.4
	0.4	1.2	1.4	Optional	—	—	—	—	—	—	8.6	5.7	3.6
PN 5634 / 6634	0.8	1.5	2.3	Yes	—	—	—	—	—	—	18.3	12.3	8.0

*** With PN25 bellows seal reduce given differential pressure values by 15%.**

PN 5700 / 6700 Differential pressures for Q and QH valves with metal to metal trim and PTFE or high temperature packing

DN (mm)					DN125 to 200 with reduced trim			Full size trim		
					65	80	100	125	150	200
travel (mm)					–			50		
Kv					–	–	–	195	300	470
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)					
	Min.	Max								
PN 5750 / 6750	0.4	1.2	1.6	Optional	–	–	–	1.9	1.2	0.6
PN 5757 / 6757	0.8	2.4	3.5	Yes	–	–	–	6.7	4.6	2.4

PN 5700 / 6700 Differential pressures for QB valves with metal to metal trim and PN16* bellows seal

DN (mm)					DN125 to 200 with reduced trim			Full size trim		
					65	80	100	125	150	200
travel (mm)					–			50		
Kv					–	–	–	195	300	470
Actuator	Spring range (bar)		Minimum air pressure (bar)	Positioner required	Maximum differential pressure (bar)					
	Min.	Max								
PN 5750 / 6750	0.4	1.2	1.6	Optional	–	–	–	1.7	1.2	0.5
PN 5757 / 6757	0.8	2.4	3.5	Yes	–	–	–	6.1	4.3	2.3

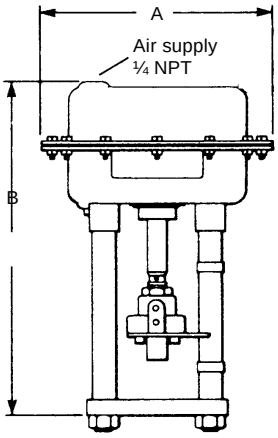
*** With PN25 bellows seal reduce given differential pressure values by 15%.**

Pressure values of the pneumatic signals are expressed in bar. Conversion for reading the nominal signals in psi is shown in the following table:

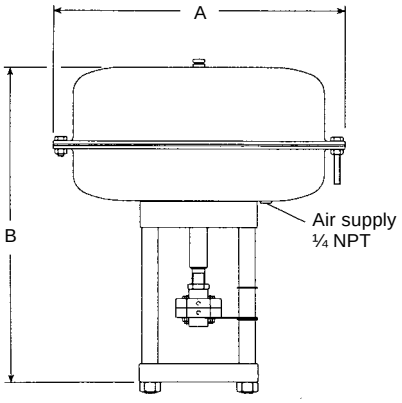
bar	0.2	0.4	1.0	1.2	1.4	2.0	2.3	2.4	3.0	3.5	6.0
psi	3.0	6.0	15.0	18.0	21.0	30.0	33.0	35.0	45.0	52.5	90.0

General Notes

- The maximum differential pressures shown in the tables refer to valves fitted with the flow tending to open and with a metal seal between the seat and plug: Class IV tightness.
- With plug fitted with a soft PTFE insert, for tight shut-off divide by two the maximum admissible pressure shown in the tables; if in doubt, or to meet specific requirements, contact our Tecnical - Commercial offices.
- When PN 25 bellows seal are used the maximum admissible differential pressures given in the tables for PN 16 must be reduced by 15%.
- To determine the exact pressure differential for 2- port valves with reduced trims, refer to the Kv corresponding to the effective trim size (do not refer to the body size). For product compatibily, with valves having diameter of DN65, DN80 and DN100, actuators with 30 mm stroke must always be employed.
  In the case of reduced trims with a stroke of 20 mm, a positioner will have to be provided
- Valves controlled directly by I/P electro-pneumatic converters:
  For converters that have a control signal in the range 0.14 - 1.2 bar, (2 - 18 psi), the same pressure differentials shown in the lines of the Table with spring range 0.2 - 1 bar may be considered.
  To maintain these differential pressures, the spring range will be modified at our factory to 0.4 - 1.2 bar.
  Converters with a control signal of 0.2 - 1 bar (3 - 15 psi) cannot be used.



PN 5200÷5600
PN 6200÷6600
actuator



PN 5700/6700
actuator

Dimensions and weights

PN 5000 and PN 6000 - Dimensions in mm and weights (approximate) in kg

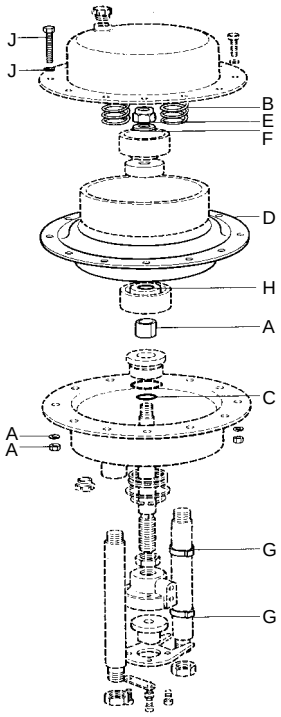
Actuator	A	B	Weight
PN 5200 - PN 6200	217	324	6
PN 5300 - PN 6300	251	330	9.3
PN 5400 - PN 6400	305	367	16
PN 5500 - PN 6500	405	400	26.0
PN 5600 - PN 6600	465	400	36.0
PN 5700 - PN 6700	465	505	50

Spare parts

Note
When placing an order for spare parts, always specify the actuator model (shown on the data plate) and the name of the part, as indicated in the list.
The available spare parts are indicated by capital letters.

PN 5200 to 5600 - 6200 to 6600 available spares

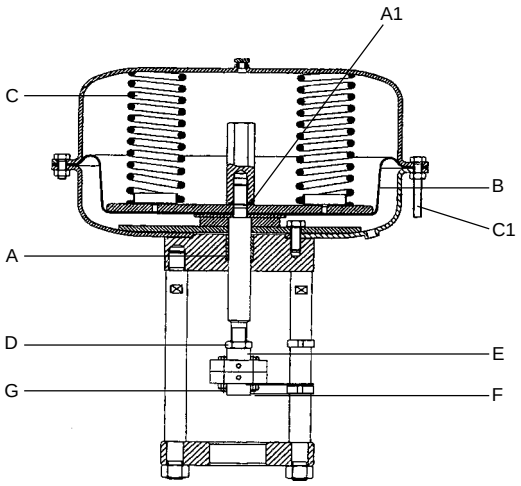
Description	Item
Stem seal kit (Piston guide bearing and O-rings)	A, C, H
Diaphragm kit (diaphragm, niloc nut, washer and O-ring)	D, E, F, H
Spring kit (springs - includes 3 off longer hex. head screws, washer and nuts on some spring ranges)	B, J



PN 5200÷5600
PN 6200÷6600
actuator

PN 5700 available spares

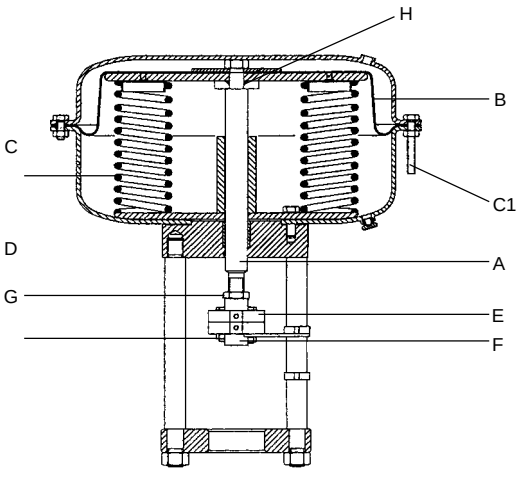
Description	Item
Stem seal kit (3+3 O-Rings)	A ,A1
Diaphragm kit (diaphragm and O-ring)	B, A , A1
Spring kit (set of springs includes 3 off longer hex. head screws, washer and nuts on some spring ranges)	C, C1
Linkage kit (lock nut, top adaptor, bottom adaptor, bolts and nuts)	D, E, F, G



PN 5700 actuator

PN 6700 available spares

Description	Item
Stem seal kit (3+3 O-Rings)	A ,H
Diaphragm kit (diaphragm and O-ring)	B, A , H
Spring kit (set of springs includes 3 off longer hex. head screws, washer and nuts on some spring ranges)	C, C1
Linkage kit (lock nut, top adaptor, bottom adaptor, bolts and nuts)	D, E, F, G



PN 6700 actuator

Guide to pneumatic actuator nomenclature