



Construction

Pneumatically operated valve, normally closed (NC), normally open (NO) and double acting (DA)
The valves are designed with a maintenance free diaphragm actuator. There are a wide range of actuators which has to be chosen depending on max working- and/or control pressure. Various accessories are available for adjustments, control and regulation which can be assembled in the factory or almost all on the job site afterwards.

Features

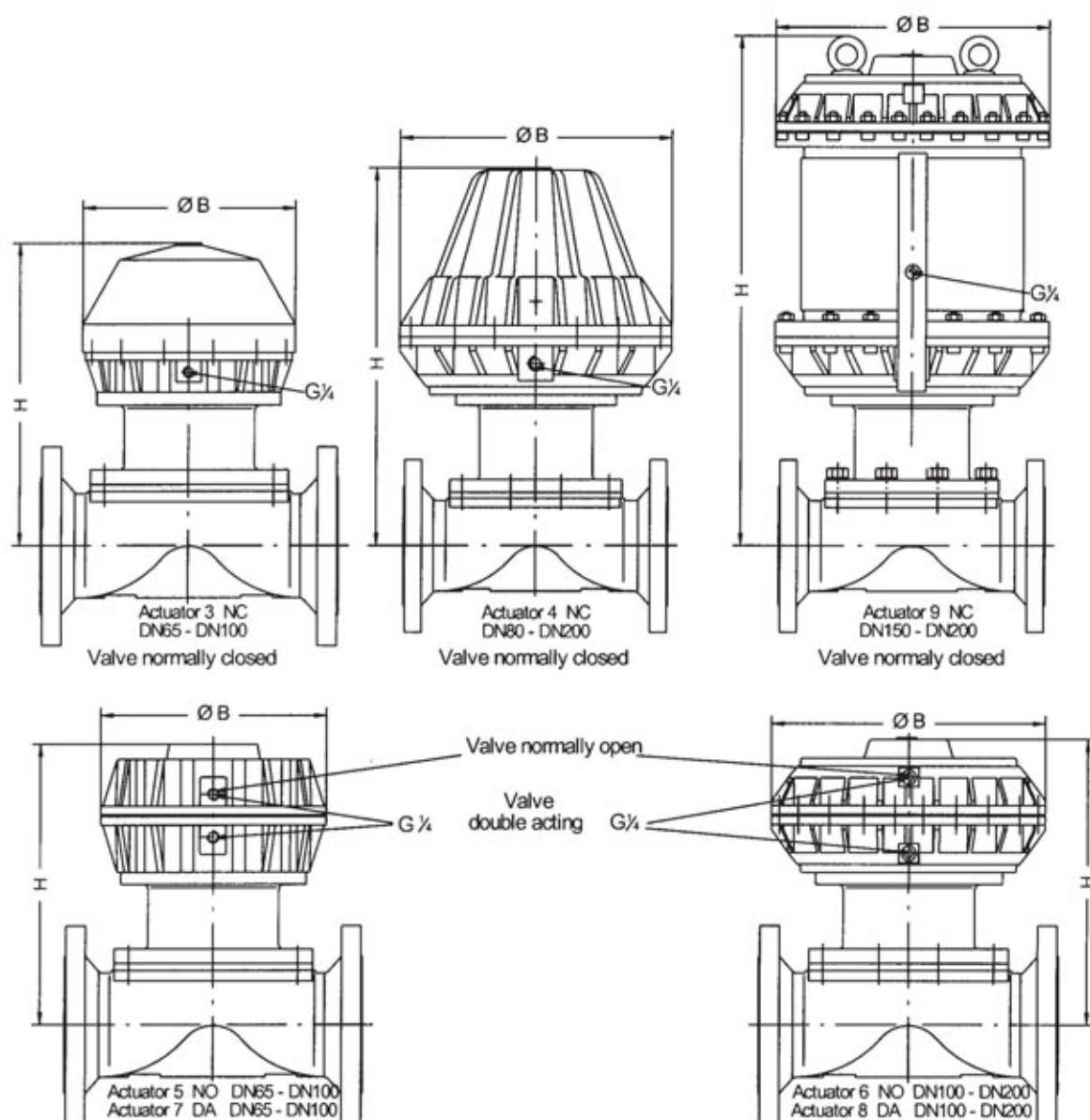
- Process media can be neutral and aggressive liquid and gaseous, dependent upon material selection of body and diaphragm
- Flow can be in either direction
- Insensitive to dirty or contaminated media
- Excellent flow characteristics
- Bubble tight sealing
- Installation can be in any position
- Eliminates water hammer
- Maintenance free non corrosive actuator

Technical data

Temperature: Up to 150 °C (300 °F) available, depending on diaphragm and body material

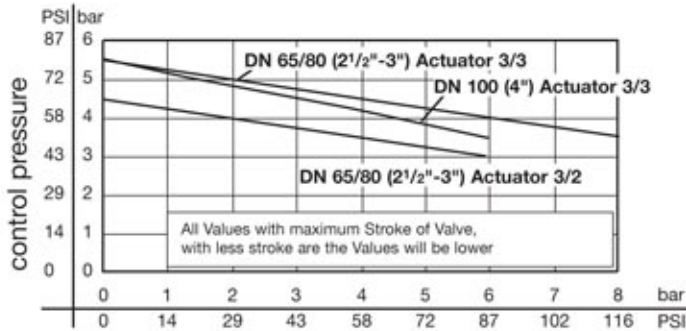
DN mm	Size inch	Valve normally closed Actuator 3 / Actuator 4 / Actuator 9				Valve normally open Actuator 5 / Actuator 6				Valve double acting actuator Actuator 7 / Actuator 8				C _v gpm	K _v m ³ /h			
		Working pressure bar/PSI	Control pressure bar/PSI see Diagram Page 16	Actuator size	Weight kg / Lbs.	Working pressure bar/PSI	Control pressure bar/PSI see Diagram Page 16	Actuator size	Weight kg / Lbs.	Working pressure bar/PSI	Control pressure bar/PSI see Diagram Page 16	Actuator size	Weight kg / Lbs.					
65	2 1/2	3	44	maximum 7 bar / 101 PSI	3/1	24/53	maximum 7 bar / 101 PSI	5	30/66	maximum 7 bar / 101 PSI	7	29/64	117	100				
		6	87		3/2	26/57									0-10/145			
		8	116		3/3	27/60												
80	3	6	87		3/2	29/64		0-10/145	5		33/72	0-10/145			7	32/70	187	160
		8	116		3/3	30/66												
		10	145		4/3	73/161												
100	4	6	87		3/3	48/106		0-6/87	5		41/90	0-6/87			7	40/88	278	238
		10	145		4/3	81/179		0-10/145				6						
125	5	5	73		4/2	89/196		0-10/145	6		81/178	0-10/145			8	80/176	440	376
		8	116		4/3	91/201												
150	6	6	87		4/3	104/229		0-8/116	6		94/207	0-8/116			8	93/205	580	496
		6	87		9/2	153/337												
		8	116	9/3	153/337													
200	8	3	44	4/3	130/287	0-6/87	6	172/379	0-6/87	8	170/374	1064	910					
		6	87	9/3	180/397													
Filling Volume		Actuator 3, 5 and 7: 2,5 NL/152,6 Cubic Inch						Actuator 4, 6 and 8: 6,8 NL/415 Cubic Inch										

The maximum working pressure is valid for uni-directional media only. See Diagram Page 16



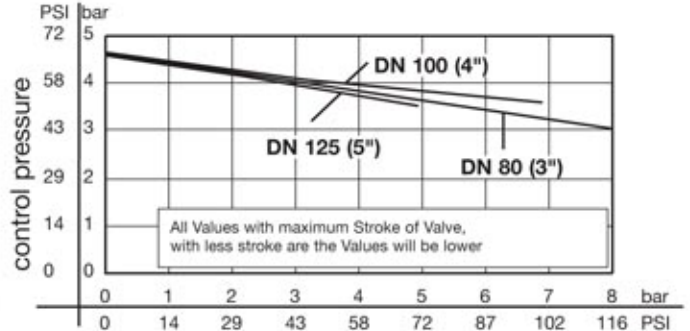
DN mm	Size inch	Actuator 3				Actuator 4				Actuator 5				Actuator 6 Actuator 8				Actuator 9/2 Actuator 9/3				
		H mm	H Inch	B mm	B Inch	H mm	H Inch	B mm	B Inch	H mm	H Inch	B mm	B Inch	H mm	H Inch	B mm	B Inch	H mm	H Inch	B mm	B Inch	
65	2 1/2	395	15.55	265	10.43					335	13.19	259	10.2									
80	3	390	15.35	265	10.43	494	19.45	360	14.17	335	13.19	259	10.2									
100	4	410	16.14	265	10.43	506	19.92	360	14.17	335	13.19	259	10.2	385	15.16	360	14.17					
125	5					533	20.98	360	14.17	341	13.43	259	10.2	420	16.54	360	14.17					
150	6					552	21.73	360	14.17					431	16.97	360	14.17	780	30.71	360	14.17	
200	8					607	23.9	360	14.17					486	19.13	360	14.17	835	32.87	360	14.17	

Actuator 3



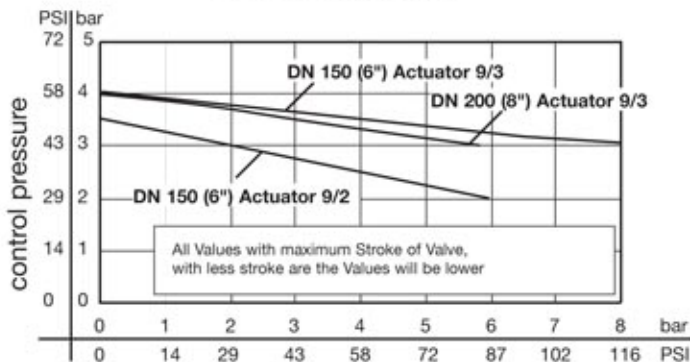
Working pressure (uni-directional media only)

Actuator 4/2



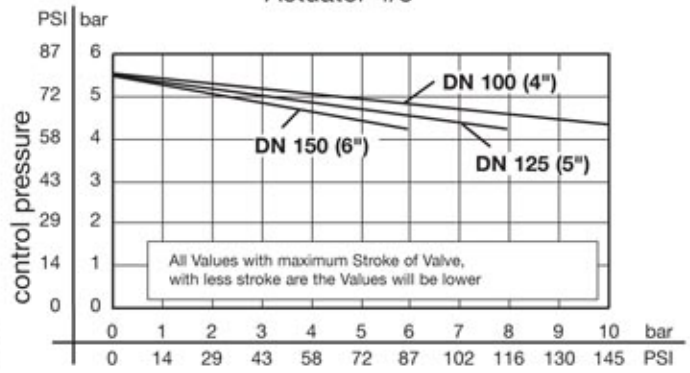
Working pressure (uni-directional media only)

Actuator 9/3 and 9/2



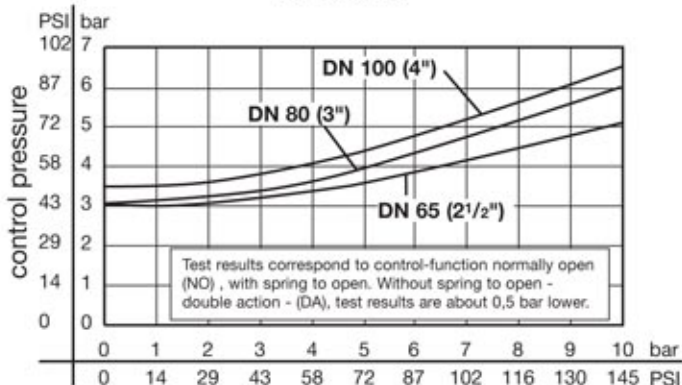
Working pressure (uni-directional media only)

Actuator 4/3



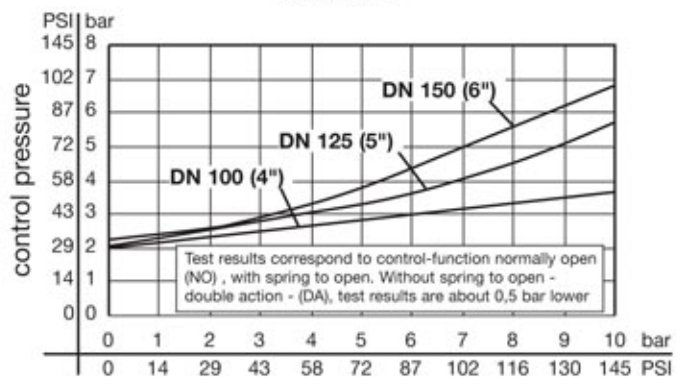
Working pressure (uni-directional media only)

Actuator 5



Working pressure (uni-directional media only)

Actuator 6



Working pressure (uni-directional media only)

Chart Control Pressure/Working Pressure Actuator NO / DA Size DN 200 / 8" on Request.