



Construction

985 Handwheel operated actuator in plastic. This compact designed valve with non rising Handwheel has a smooth contour finish on this plastic cover to eliminates accumulation of dirt and is corrosion resistant.

987 Handwheel operated actuator in metal. This valve with non rising handwheel has a robust designed metal actuator which allows higher temperatures applications, depending on the diaphragm material to be used.

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
- Complete with position indicator
- Compact construction
- Maintenance free non corrosive actuator

Technical data

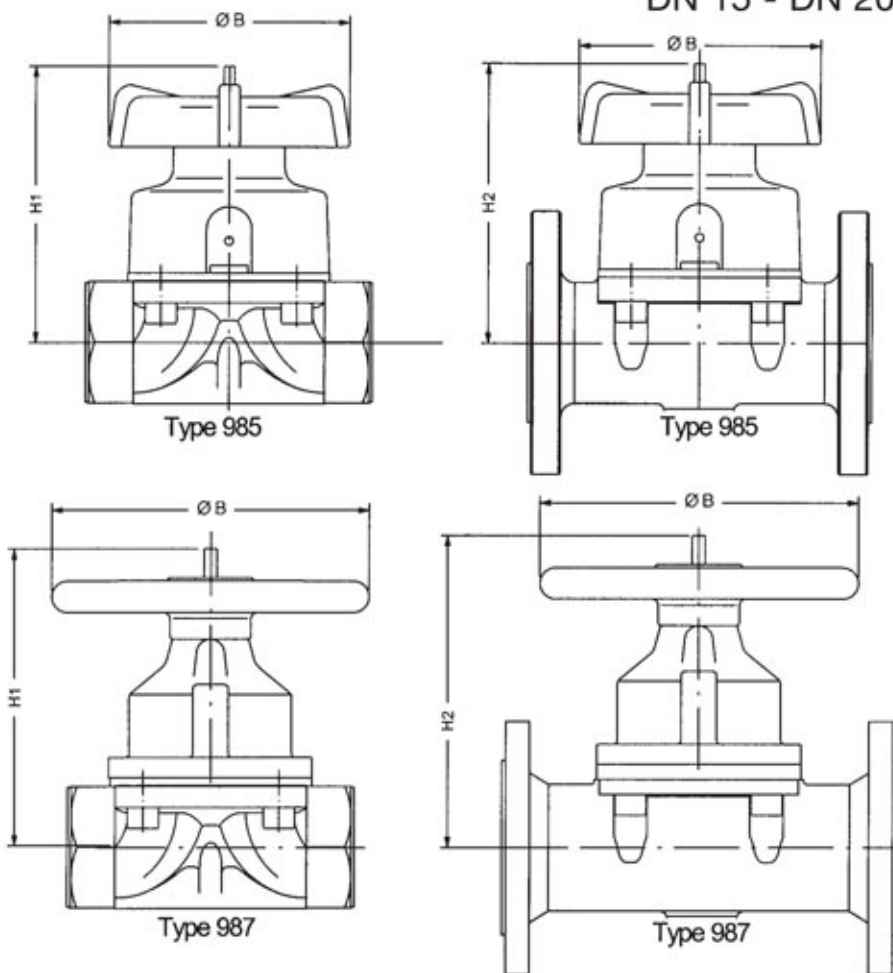
Temperature: Type 985 max 95 °C (200 °F), Type 987 max 150 °C (300 °F) depending on diaphragm and body material

DN mm	Size Inch	operating pressure bar	operating pressure PSI	C _v gpm	K _v m ³ /h	Face to face DIN 3202				Face to face MSS-SP88		Face to face BS 5156		Threaded Socket 1.4435 or GG25	
						GG 25	GG 25 Rubber Lined	**GGG 40.3 PFA Lined	**GGG 40.3 PP Lined	**GGG 40.3 PTFE Lined	Stainless Steel	Stainless Steel PFA Lined	**GGG 40.3 PFA Lined		**GGG 40.3 PP Lined
15	1/2	0 - 10	0-145	8	7	X		X	X		X			X	X
20	3/4	0 - 10	0-145	16	14	X	X	X	X		X	X	X	X	X
25	1	0 - 10	0-145	23	20	X	X	X	X		X	X	X	X	X
32	1 1/4	0 - 10	0-145	42	36	X	X	X	X		X	X	X	X	X
40	1 1/2	0 - 10	0-145	47	40	X	X	X	X		X	X	X	X	X
50	2	0 - 10	0-145	94	80	X	X	X	X		X	X	X	X	X
65	2 1/2	0 - 10	0-145	140	120	X*	X*	X	X		X	X*	X*	X	
80	3	0 - 10	0-145	187	160	X	X	X	X		X	X	X	X	
100	4	0 - 10	0-145	278	238	X	X	X	X		X	X	X	X	
125	5	0 - 10	0-145	440	376	X	X		X	X			X		X
150	6	0 - 10	0-145	580	496	X	X		X	X			X		X
200	8	0 - 6	0-87	1064	910	X	X		X	X			X		X

* = always with Handwheel operated actuator Metall Typ 987

** = Ductile Iron

DN 15 - DN 200 / 1/2" - 8"



DN	Size	Type 987 with Flange							Type 985 with Flange							Type 987 with Threaded Socket				Type 985 with Threaded Socket			
		Ø B		H2		Lbs.	kg	Ø B		H2		Lbs.	kg	H1		Lbs.	kg	H1		Lbs.	kg		
mm	Inch	mm	Inch	mm	Inch			mm	Inch	mm	Inch			mm	Inch			mm	Inch				
15	1/2	100	3.93	111	4.37	6.61	3.0	90	3.54	105	4.13	3.74	1.7	102	4.01	3.30	1.5	96	3.77	1.32	0.6		
20	3/4	100	3.93	111	4.37	7.93	3.6	90	3.54	105	4.13	6.39	2.9	105	4.13	3.52	1.6	99	3.89	2.42	1.1		
25	1	100	3.93	115	4.52	9.92	4.5	90	3.54	109	4.13	8.37	3.8	109	4.29	3.96	1.8	103	4.05	3.52	1.6		
32	1 1/4	140	5.51	157	6.18	15.43	7.0	115	4.52	128	5.03	11.90	5.4	153	6.02	6.61	3.0	124	4.88	5.73	2.6		
40	1 1/2	140	5.51	163	6.41	17.63	8.0	115	4.52	134	5.27	14.33	6.5	156	6.14	8.81	4.0	127	5.00	7.71	3.5		
50	2	140	5.51	176	6.92	24.91	11.3	140	5.51	169	6.65	18.73	8.5	172	6.77	13.22	6.0	165	6.49	12.34	5.6		
65	2 1/2	225	8.85	258	10.15	41.88	19.0	250	9.84	284	11.18	33.06	15.0										
80	3	225	8.85	258	10.15	44.75	20.3	250	9.84	300	11.81	36.37	16.5										
100	4	225	8.85	292	11.49	72.75	33.0	250	9.84	332	13.07	52.47	23.8										
125	5	310	12.2	354	13.94	167.55	76.0																
150	6	368	14.48	423	16.65	176.36	80.0																
200	8	471	18.54	576	22.68	352.74	160.0																
250	10	587	23.11	689	27.13	771.62	350.0																
300	12	690	27.17	815	32.09	1377.89	625.0																
350	14	690	27.17	1020	40.16	1543.24	700.0																