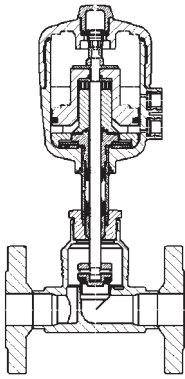


Technical data for valves with flow direction below the seat



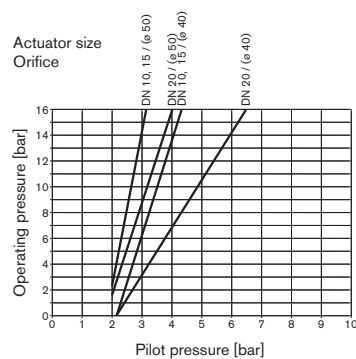
Flow direction below seat

Type 2012 with flange port connection

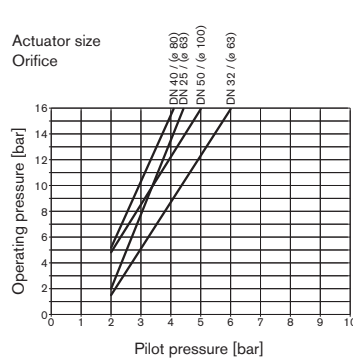
Orifice [mm]	Actuator size [mm]	Kv value water (m³/h)	Minimum pilot pressure CFA [bar]	Maximum operating pressure up to +180°		Weight with CFA Flange [kg]	Threaded port and weld end [kg]
				CFA [bar]	CFB [bar]		
10	40	4.7	4.0	15	16	2.3	0.8
	50	4.7	3.9	16	16	2.4	0.9
15	40	4.7	4.0	15	16	2.3	0.8
	50	4.7	3.9	16	16	2.4	0.9
20	40	8.1	4.0	6.5	16	3.1	0.9
	50	8.1	3.9	11	16	3.3	1.1
	63	8.1	4.5	16	—	3.7	1.5
25	63	13.0	4.5	11	16	4.6	2.0
	80	13.0	5.0	16	—	5.4	2.8
32	63	19.5	4.5	6	16	6.6	2.9
	80	19.5	5.0	14	—	7.4	3.7
40	80	31.0	5.0	9	16	8.4	4.2
	125	31.0	3.2	16	—	13.9	9.7
50	100	45.0	4.4	7.2	16	13.5	7.7
	125	45.0	3.2	10	—	15.6	9.8
65	125	73.0	5.6	12	15	20.2	12.9
	175	73.0	4.5	15	—	26	18.7
80	125	110.0	5.6	7.5	12.5	24.5	16.1
	175	110.0	4.5	10	—	30	21.3
	225	110.0	3.3	12.5	—	35.5	26.9
100	125	165.0	5.6	5	9	32.9	20.6
	175	155.0	4.5	7	10	37.9	25.6
	225	155.0	4.8	10	—	43.5	31.2

Pressure charts for control function B and flow direction below the seat

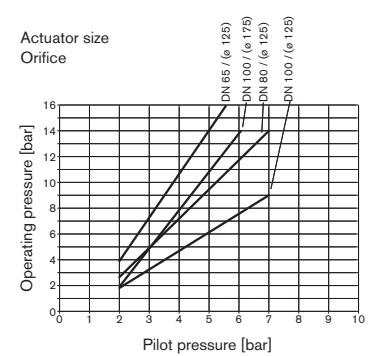
DN 10-20



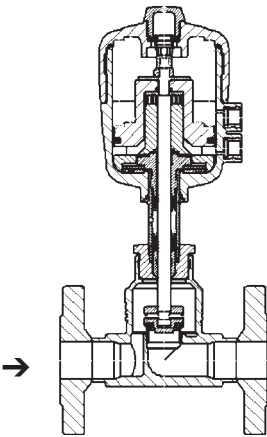
DN 25-50



DN 65-100



Technical data for valves with flow direction above the seat



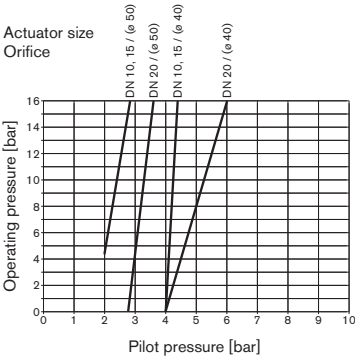
Flow direction above seat
Type 2012 with flange connection

Technical data	Flow direction above the seat
Medium	Gaseous medium and steam
Other technical data	Please see technical data for flow direction below seat

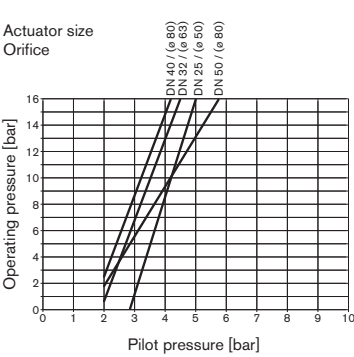
Orifice [mm]	Actuator size [mm]	Kv value water [m³/h]	Operating pressure up to +180° [bar]	Weight with flange [kg]	Threaded port and weld end [kg]
10	40	3.0	16	2.3	0.8
	50	3.0	16	2.4	0.9
15	40	4.7	16	2.3	0.8
	50	4.7	16	2.4	0.9
20	40	8.1	16	3.1	0.9
	50	8.1	16	3.3	1.1
25	50	13.0	16	4.0	1.4
32	63	19.5	16	6.6	2.9
40	80	31.0	16	8.4	4.2
50	80	45.0	16	11.4	5.6
65	125	73.0	10	20.2	12.9
80	125	110.0	10	24.5	16.1
100	125	165.0	6	32.9	20.6

Pressure charts

DN 10-20



DN 25-50



DN 65-100

