

Body: Bronze CC491K (Rg5)
for water 0...130°C
Internal thread connectors: acc. to DIN
including cap nut and connecting part
of galvanized malleable cast iron
optionally of bronze
Pressure range: PN16
Spindle sealing: EPDM-O-ring
Plug: brass CW614N
Spindle: stainless steel 1.4122
Flow characteristic: A-AB equal percentage
B-AB linear
Positioning ratio: DN15: 50:1
DN20-50 100:1
Leakage: EN1349 – seat leakage VI G 1 (tight sealing)

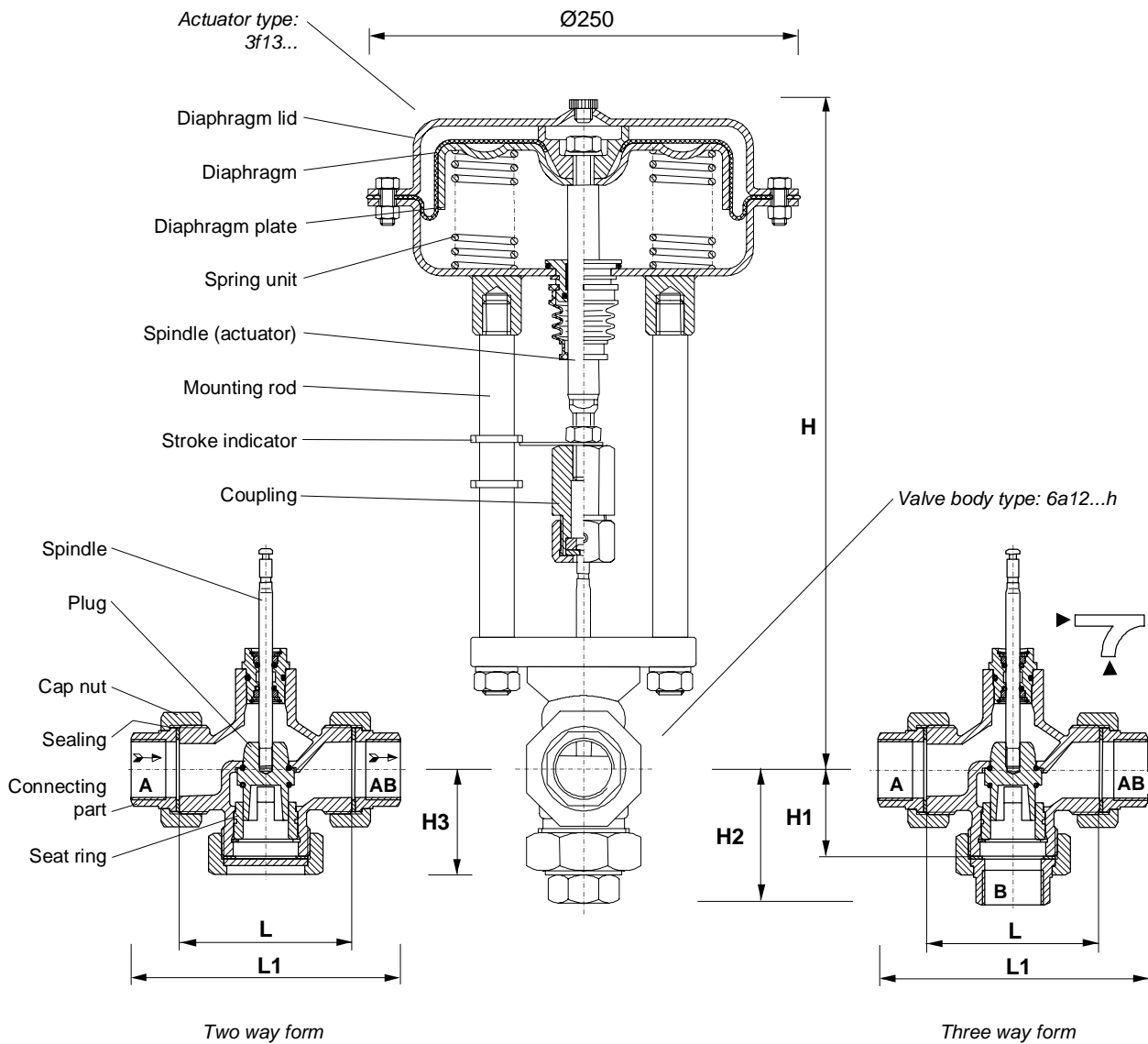
Actuator: diaphragm area 250 cm², ø250 mm
Control signal / closing pressure: see table
Operating mode (reversible):
"Spring closes straightway A-AB"
Air connection: G1/4"
Operating pressure: standard type: 1,4 bar
other types: ...c: 2,8 bar, ...d: 5 bar

Accessories, special types:
I/P-Positioner, control signal 4...20 mA (see page 390 8)
P/P-Positioner, control signal 0,2...1,0 bar (see page 390 5)
Electro-pneum. transformer (see page 390 3)
Solenoid valve for operating air (see page 393)
Limit switches (see page 39e)
Inductive limit switches (on request)
Manual operating device (see page 39h)
Other Kvs- values (on request)

Order text:
Pneumatic control valve in two way form / three way form
Bronze CC491K (Rg5) PN16, DN . . , Kvs . . .
Spindle sealing with O-ring
Spring closes (opens) straightway A-AB
Control signal . . . - . . . bar, closing pressure . . . bar
List-No.: two way form: 381 2 . . . , three way form: 381 3 . . .
Accessories: . . .



DN	List-No.		Kvs m ³ /h	Stroke mm	Closing pressure (bar) for control signal...		
	2-way	3-way			0,4...1,0bar: standard	1,0...1,8bar: type ...c	1,8...3,2bar: type ...d
1/2"	3812 100	3813 100	4	12	16,0		
3/4"	3812 101	3813 101	6,3	12	16,0		
1"	3812 102.	3813 102.	10	14	11,0	16,0	
1 1/4"	3812 103.	3813 103.	16	14	6,3	16,0	
1 1/2"	3812 104.	3813 104.	25	14	3,6	16,0	
2"	3812 105.	3813 105.	40	14	2,0	8,9	16,0



DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Height H	370	373	376	385	388	388
Length L	62	75	80	120	130	150
Length ~L1	114	127	138	184	198	222
Stud length H1	40	41	45	55	60	65
Stud length ~H2	66	67	74	89	94	101
Stud length ~H3	48	53	57	68	73	78
Weight kg	11,0	11,5	11,8	12,5	13,1	14,7