

# CONTINUOUS CONTROL ANGLE-SEAT VALVE SYSTEM TYPE 2632

DN 15 ÷ 50 mm PN 16 bar - 1/2" ÷ 2" Threads - Elettropneumatic Positioner

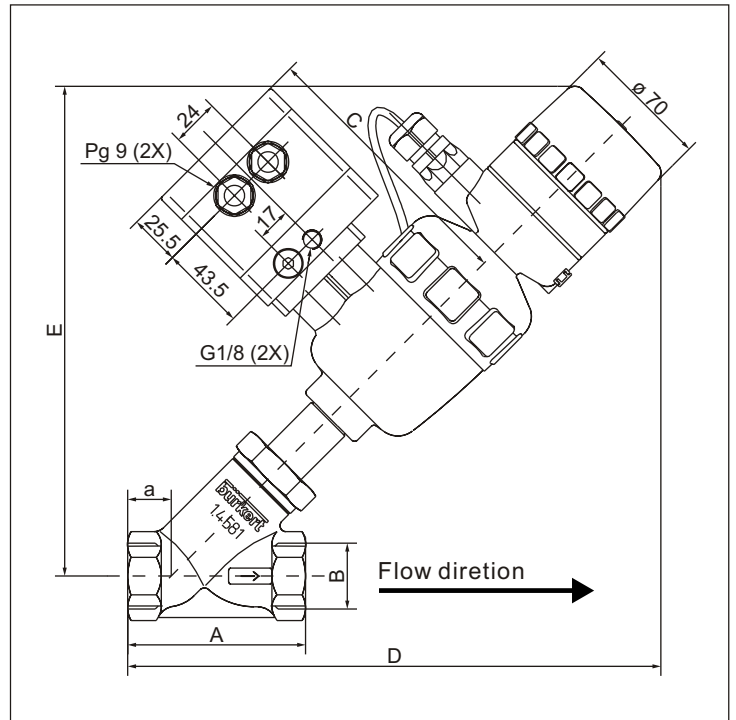
Type 2632 is a control valve with an electropneumatically operated positioner which offers the main functional groups position sensor, electropneumatic control system and microprocessor controlled electronics.

Programmable flow curves:

- linear, equal percentage
- freely programmable at operating points

## Technical Data (Control valve type 2632)

Process connection	G-threaded port (other standard connection on request)
Body material	Stainless steel 1.4581
Plug and Stem	Stainless steel 1.4401 or Stainless steel 1.4401 and PTFE
Pin	Stainless steel 1.4401
Bonnet material	Stainless steel 1.4401
Actuator material	PA
Packing gland	PTFE
Packing box	Stainless steel 1.4401
Rangeability	Control range $\geq 50:1$
Flow features	Modified equal percentage
Flow capacity	See table below
Medium temperature	-10 °C ... +180 °C
Max. Operating pressure	16 bar (@ ambient temperature)
Actuator size ( $\varnothing$ mm)	See table below
Signal	Air min. 5.5 Bar, air max. 7 bar
Function	Normally closed under spring force. Flow direction under seat.
Tightness	According to ANSI B 16-104 Class IV (stainless steel seat and seal)



## Technical Data (Positioner Type 1067)

Voltage supply	24 VDC
Power consumption	$\leq 10$ W
Signal input for positioner	Unit signal: 4 ... 20 mA 0 ... 20 mA 0 ... 10 V
Binary input	Configurable as normally open or closed contact
Connection	Clamping screw 1,5 mm Cable gland 2 x PG 9
Instrument air	Air, filtered compressed air, lubricate or not lubricated
Pressure range	0 - 6 bar
Air performance	
- Air inlet valve	33 (66) NI/min <sup>1)</sup>
- Exhaust valve	38 (76) NI/min <sup>1)</sup>
Internal air consumption in leveled status	0 NI/min
Connection	Internal screw thread G 1/8"
Overall dimensions of Positioner (B x H x D)	125 mm x 80 mm x 77 mm
Body material	Aluminium, laquered
Fluid plate material	Aluminium, anodized
Rating	IP 65
Operating temperature	0 °C ... + 60 °C

Threads B [pollici]	DN [mm]	Act. S. [ $\varnothing$ mm]	A	C	D	E	a
G 1/2	15.0	80.0	65.0	147.0	274.0	255.0	19.0
G 3/4	20.0	80.0	75.0	147.0	277.5	258.0	19.0
G 1	25.0	80.0	90.0	147.0	289.0	267.0	22.0
G 1 1/4	32.0	80.0	110.0	147.0	310.0	273.0	32.0
G 1 1/2	40.0	100.0	120.0	160.0	382.0	325.0	35.0
G 2	50.0	100.0	149.0	160.0	407.0	339.0	37.0

## Specifications - Floe capacity

Plug Travel [%]	Kv-value [water m <sup>3</sup> /h]					
	DN15	DN20	DN25	DN32	DN40	DN50
0	0.00	0.00	0.00	0.00	0.00	0.00
10	0.07	0.13	0.40	1.00	1.90	3.00
20	0.15	0.32	1.10	2.60	5.60	9.00
30	0.28	0.80	2.10	5.10	10.10	16.00
40	0.44	1.60	3.60	8.60	17.20	26.00
50	0.66	2.60	6.10	13.80	24.10	35.00
60	1.02	3.70	9.30	19.00	29.20	42.00
70	1.54	4.80	11.90	21.00	33.50	49.00
80	2.17	5.80	13.50	22.00	35.50	55.00
90	3.01	7.00	14.20	23.00	36.80	58.00
100	3.80	7.30	14.50	23.50	37.00	60.00

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## Specifications

Threads [Inch]	Orifice DN [mm]	Actuator Size [mm]	Max operating Pressure [bar]	Gasket	Weight [kg]
G 1/2	15.0	80.0	16.0	St. Steel/St. Steel	2.7
G 1/2	15.0	80.0	16.0	St. Steel/PTFE	2.7
G 3/4	20.0	80.0	16.0	St. Steel/St. Steel	2.9
G 3/4	20.0	80.0	16.0	St. Steel/PTFE	2.9
G 1	25.0	80.0	16.0	St. Steel/St. Steel	4.0
G 1	25.0	80.0	16.0	St. Steel/PTFE	4.0
G 1 1/4	32.0	80.0	16.0	St. Steel/St. Steel	5.4
G 1 1/4	32.0	80.0	16.0	St. Steel/PTFE	5.4
G 1 1/2	40.0	100.0	12.5	St. Steel/St. Steel	6.8
G 1 1/2	40.0	100.0	12.5	St. Steel/PTFE	6.8
G 2	50.0	100.0	10.0	St. Steel/St. Steel	8.1
G 2	50.0	100.0	10.0	St. Steel/PTFE	8.1

## Ordering code

Code	
430 684 T	
430 694 V	
430 685 U	
430 695 W	
420 660 L	
416 119 J	
420 661 H	
416 120 P	
420 662 A	
416 121 C	
420 663 B	
416 122 D	

- ✓ Integated, cascated process controller with parameter definable PID-algorithm
- ✓ User-friendly operation
  - LCD and key pad
  - Clear menu-guided program
  - Code-protection against unauthorized acces

## SOLENOID PILOT VALVES TYPE 6012 - 6014

