

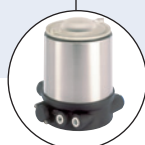
2000 angle-seat



2/2-way Angle-Seat Valve with NPT ends for media up to 356 °F (180 °C) 1/2" – 2 1/2"

- High flow rates
- Very high cycle life
- Long life alternative to ball valves
- Threaded end body
- Suitable for 150 PSI steam
- Deliverable with flow direction below or above seat
- Normally closed, normally open; or double-acting

Type 2000 Angle-Seat can be combined with...



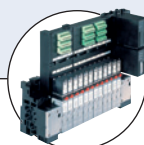
Type 8691
Control head



Type 8690
Pneum. control unit with feedback



Type 1062
Electrical position feedback



Type 8640/8644
Valve block

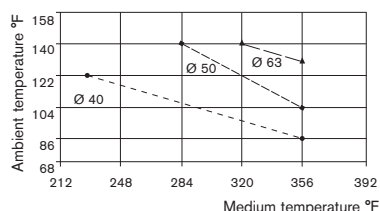


Type 6012/6014 P
Pilot valve

The externally piloted angle-seat valve is operated with a single or double-acting piston actuator. The actuator is available in two different materials, PA and PPS depending on the ambient temperature. The reliable self-adjusting packing gland provides high sealing integrity. High flow rates are attained with the gunmetal or cast stainless steel 2-way body. These maintenance-free and robust valves can be retrofitted with a comprehensive range of accessories for position indication, stroke limitation or manual override.

For valves with port connection clamp and weld end please see separate datasheets.

¹⁾ **Note:** For PA actuators in the sizes 40, 50 and 63, the combination of max. medium temperature and max. ambient temperature is as shown in the following chart



| Technical data | |
|--|---|
| Orifice | 1/2" to 2 1/2" (DN 13 to 65) |
| Body materials | Gunmetal, cast stainless steel 316L |
| Actuator material | PA or PPS |
| Seal material | PTFE (NBR, FKM and EPDM on request) |
| Medium | Water, alcohol, oils, fuel, hydraulic fluids, salt solution, alkali solutions, organic solvents, steam |
| Viscosity | max. 600 mm ² /s |
| Packing gland (with silicone grease) | PTFE V-rings with spring compensation |
| Medium temperature¹⁾ | 14 °F to 356 °F (-10 °C to +180 °C) with PTFE seal |
| Ambient temperature | PA actuator ¹⁾ PPS actuator ¹⁾ Ø 40-80 PPS actuator ¹⁾ Ø 100-125 |
| Installation | As required, preferably with actuator in upright position |
| Control medium | Neutral gases, air |
| Max. pilot pressure | Actuator size Ø 40 - 80 Actuator size Ø 100 Actuator size Ø 100 Actuator size Ø 125 |
| Port connection | G 3/8 to G 2 1/2 (NPT on request) |

Content



Valve specifications

Type 2000 threaded port

Technical data & ordering info.

p. 1-8



System spec. On/Off Classic

**Type 8801-YA/
8803-YA**

Ordering info. & technical data

p. 9-12

Request for quotation

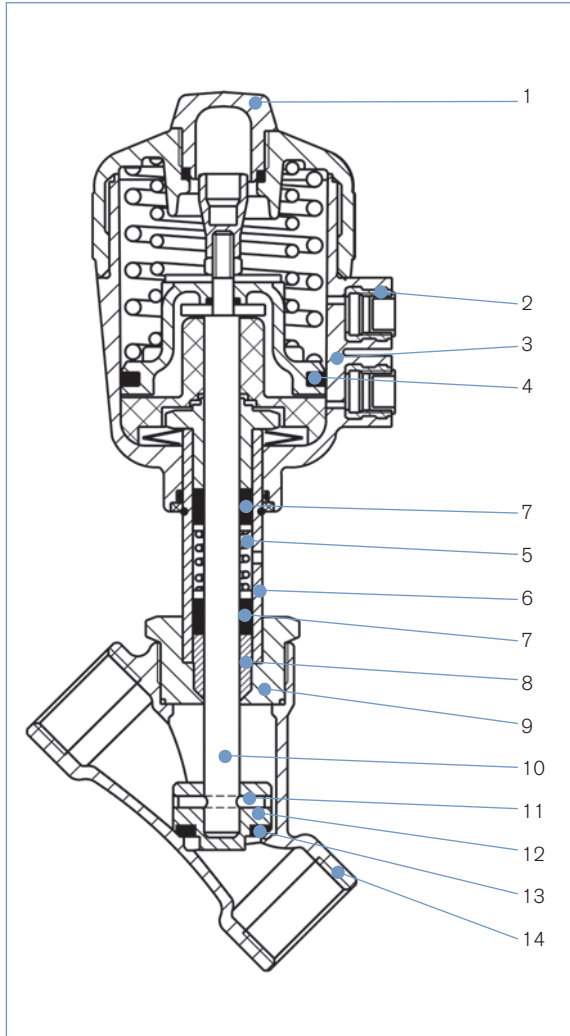
**Type 8801-YA/
8803-YA**

p. 13

2000 angle-seat



Materials Type 2000 threaded port



| | Gunmetal body | Cast stainless steel body |
|--------------------------|----------------------------------|----------------------------------|
| 1 Transparent cap | PC (with PPS actuator; PSU) | PC (with PPS actuator; PSU) |
| 2 Pilot air ports | Brass | Stainless steel 1.4305 |
| 3 Actuator | PA, PPS | PA, PPS |
| 4 Piston seal | NBR (with PPS actuator; FKM) | NBR (with PPS actuator; FKM) |
| 5 Spring | Stainless steel 1.4310 | Stainless steel 1.4310 |
| 6 Tube | Brass CuZn39Pb3 | Stainless steel 1.4401 |
| 7 V-Seals | PTFE (FKM on request) | PTFE (FKM on request) |
| 8 Wiper | PTFE | PTFE |
| 9 Nipple | Brass CuZn | Stainless steel 1.4401 |
| 10 Spindle | Stainless steel 1.4021 | Stainless steel 1.4401 |
| 11 Pin | Stainless steel 1.4401 | Stainless steel 1.4401 |
| 12 Swivel plate | Brass CuZn36Pb1.5 | Stainless steel 1.4401 |
| 13 Seal | PTFE (NBR, FKM, EPDM on request) | PTFE (NBR, FKM, EPDM on request) |
| 14 Valve body | Gunmetal GCuSn5ZnPb2%Ni | Stainless steel 316L |

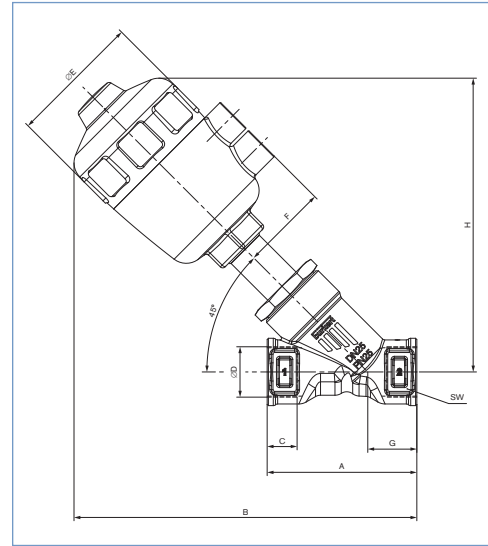
DTS 1000082408 EN Version: J Status: RL (released | freigegeben | validé) printed: 19.06.2020

2000 angle-seat



Dimensions [mm]

| DN Orifice | Threaded Port Body | | | | All bodies | | | |
|------------|--------------------|-----|-----|------|-----------------|-----|-----|-------|
| | Ø D | A | B | C | Actuator size Ø | H | E Ø | P |
| 13/15 | NPT 1/2 | 65 | 163 | 10.3 | 50 | 140 | 64 | G 1/4 |
| 20 | NPT 3/4 | 75 | 171 | 14 | 50 | 144 | 64 | G 1/4 |
| | | | 198 | 14 | 63 | 171 | 80 | |
| 25 | NPT 1 | 90 | 181 | 16.8 | 50 | 152 | 64 | G 1/4 |
| | | | 206 | 16.8 | 63 | 177 | 80 | |
| | | | 228 | 16.8 | 80 | 198 | 101 | |
| 32 | NPT 1 1/4 | 110 | 219 | 17.3 | 63 | 183 | 80 | G 1/4 |
| | | | 240 | 17.3 | 80 | 205 | 101 | |
| | | | 292 | 17.3 | 100 | 255 | 127 | |
| 40 | NPT 1 1/2 | 120 | 222 | 17.3 | 63 | 188 | 80 | G 1/4 |
| | | | 244 | 17.3 | 80 | 209 | 101 | |
| | | | 295 | 17.3 | 100 | 260 | 127 | |
| | | | 324 | 17.3 | 125 | 289 | 153 | |
| 50 | NPT 2 | 150 | 250 | 20 | 63 | 205 | 80 | G 1/4 |
| | | | 270 | 20 | 80 | 225 | 101 | |
| | | | 316 | 20 | 100 | 271 | 127 | |
| | | | 346 | 20 | 125 | 301 | 153 | |
| 65 | NPT 2 1/2 | 185 | 296 | 22 | 80 | 239 | 101 | G 1/4 |
| | | | 344 | 22 | 100 | 287 | 127 | |
| | | | 372 | 22 | 125 | 315 | 153 | |



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Ordering chart for valves with FLOW DIRECTION BELOW SEAT
Actuator material PA (polyamide) with threaded port

| Control function | Orifice | Port Connection Threaded port NPT | Actuator size Ø [mm] | C _v value | Operating pressure up to 365 °F [PSI] | Minimum pilot pressure [PSI] | Item no. Bronze body | Item no. St. st. body |
|---|-------------|-----------------------------------|----------------------|----------------------|---------------------------------------|------------------------------|----------------------|-----------------------|
| <p>A 2/2-way, NC by spring action</p> <p>Normally closed</p> | 1/2" (13) | 1/2 | 50 | 4.9 | 232 | 56.5 | 463 571 | 463 613 |
| | 3/4" (20) | 3/4 | 50 | 9.9 | 160 | 56.5 | 463 572 | 463 614 |
| | | | 63 | 10.4 | 232 | 65.3 | 463 573 | 463 615 |
| | 1" (25) | 1 | 63 | 20.9 | 160 | 65.3 | 463 574 | 463 616 |
| | | | 80 | 20.9 | 232 | 72.5 | 463 575 | 463 617 |
| | | | 63 | 29.0 | 87 | 65.3 | 464 576 | 464 577 |
| | 1 1/4" (32) | 1 1/4 | 80 | 31.3 | 203 | 72.5 | 463 576 | 463 618 |
| | | | 80 | 44.1 | 130 | 72.5 | 463 577 | 463 619 |
| | | | 100 | 46.4 | 181 | 63.8 | 464 014 | 464 015 |
| | | | 125 | 46.4 | 232 | 46.4 | 463 578 | 463 620 |
| | 2" (50) | 2 | 100 | 63.8 | 104 | 63.8 | 454 610 | 454 624 |
| | | | 125 | 63.8 | 145 | 46.4 | 454 785 | 454 789 |
| | | | 125 | 104.4 | 75 | 46.4 | 454 611 | 454 625 |
| | 2 1/2" (65) | 2 1/2 | 125 | 104.4 | 150 | 72.5 | 462 656 | 462 657 |

B 2/2-way valve, open by spring force, available on request
Other pressure ranges, circuit functions, flow from above, PPS actuators and accessories available on request

2000 angle-seat

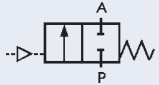
bürkert

Technical data

| Flow direction above seat (only for gases and steam) | |
|--|---|
| Media | Gaseous media and steam |
| Other technical data | Please see information for flow direction below seat |
| Attention! | Valves with flow direction above seat are only conditionally usable for liquid media. There is a danger of waterhammer! |

Ordering chart for valves WITH FLOW DIRECTION ABOVE THE SEAT

Actuator material PA (polyamide) with pilot pressure depending on operating pressure according to Charts 1 and 2

| Control function | Orifice | Port Connection Threaded port NPT | Actuator size Ø [mm] | C _v value | Operating pressure up to 365 °F [PSI] | Item no. bronze body media inserts | Item no. St. st. body |
|---|-------------|-----------------------------------|----------------------|----------------------|---------------------------------------|------------------------------------|-----------------------|
| A 2/2-way, NC by spring action  Normally closed | 1/2" (13) | 1/2 | 50 | 4.9 | 232 | 463 585 | 463 627 |
| | 3/4" (20) | 3/4 | 50 | 9.9 | 232 | 463 587 | 463 629 |
| | 1" (25) | 1 | 63 | 20.9 | 232 | 463 589 | 463 631 |
| | 1 1/4" (32) | 1 1/4 | 63 | 29 | 232 | 463 590 | 463 632 |
| | 1 1/2" (40) | 1 1/2 | 63 | 40.6 | 232 ¹⁾ | 463 591 | 463 633 |
| | | | 80 | 44.1 | 232 | 464 578 | 464 579 |
| | 2" (50) | 2 | 63 | 56.8 | 232 ¹⁾ | 454 632 | 454 641 |
| | | | 80 | 60.3 | 232 ¹⁾ | 454 633 | 454 642 |
| | 2 1/2" (65) | 2 1/2 | 80 | 89.3 | 203 ¹⁾ | 454 634 | 454 643 |

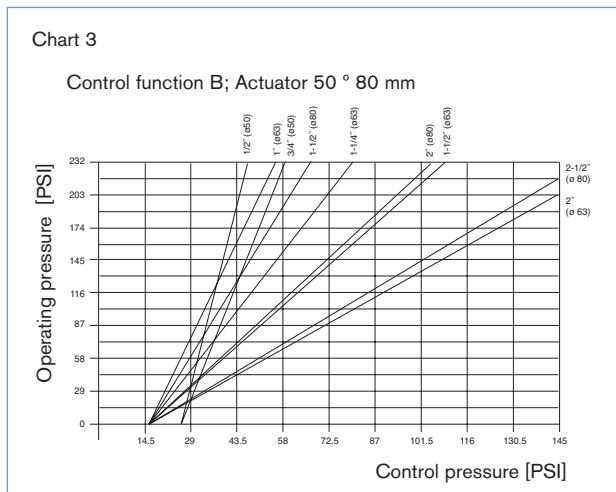
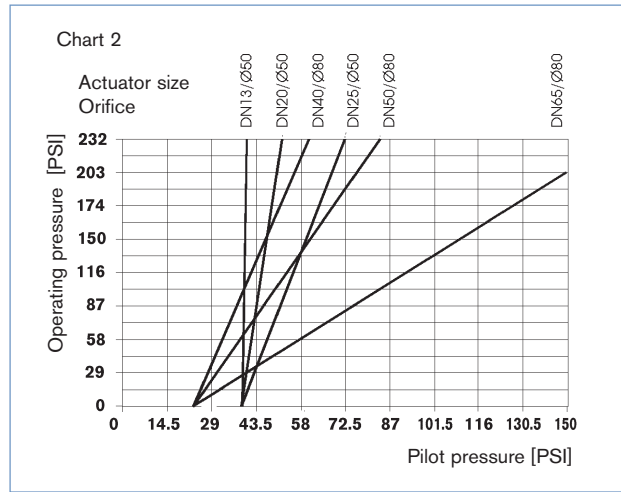
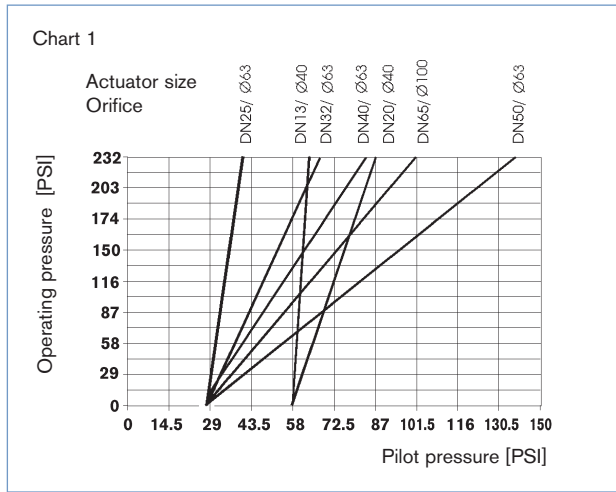
¹⁾ Pilot pressure >80 PSI at maximum system pressure.

Other pressure ranges, circuit functions, PPS actuators and accessories on request

2000 angle-seat



Pressure charts 1 and 2 with circuit function A and flow direction above the seat (air pressure required to lift off the seat)



| Pilot valve according to actuator size | Voltage | Item no. |
|--|---------------|----------|
| 3/2-way pilot valves Type 6012 P/6014 P with banjo mounting; 1/4" NPT customer air connection | | |
| Type 6012 P for actuator Ø 50 and 63 mm | 024 V/DC | 428 565 |
| $C_v = .05$ | 120 VAC/60 Hz | 428 567 |
| Type 6014 P for actuator Ø 50 to 125 mm | 024 V/DC | 429 134 |
| $C_v = .13$ | 120 VAC/60 Hz | 429 136 |

| Fitting type | Shape | Material | Item no. |
|--|--------------|---------------------|----------|
| Male G 1/4 x 1/4 NPT female | Straight | Nickel plated brass | 98162754 |
| Male G 1/4 x 1/4" tube push connection | Swivel elbow | Nickel plated brass | 98163251 |

Options and accessories (on request)

- Circuit function I (double-acting actuator) and B (spring-return normally-open)
- PPS actuator
- Electrical position feedback, Type 1060 and 1062
- Magnetic-inductive proximity sensors, Type 1071
- Stroke limitation max. and min./max.
- Manual actuator
- NAMUR adapter for pilot valves

Note: Please request the Accessories data sheet 2000 (Accessories for valve series 2000 – 2031).

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2000 angle-seat



Technical data

Ordering chart for valves WITH FLOW DIRECTION BELOW THE SEAT, NORMALLY OPEN

Actuator material PA (polyamide) with pilot pressure depending on operating pressure according to Chart 3

| Control function | Orifice | Port Connection Threaded port NPT | Actuator size Ø [mm] | C _v value | Operating pressure up to 365°F [PSI] | Item no. bronze body | Item no. St. st. body |
|--------------------------------|-------------|-----------------------------------|----------------------|----------------------|--------------------------------------|----------------------|-----------------------|
| B 2/2-way, NO by spring action | 1/2" (13) | 1/2 | 50 | 4.9 | 232 | 463 580 | 463 622 |
| | 3/4" (20) | 3/4 | 50 | 9.9 | 232 | 463 581 | 463 623 |
| Normally open | 1" (25) | 1 | 63 | 20.9 | 232 | 464 494 | 464 506 |
| | 1 1/4" (32) | 1 1/4 | 63 | 29.0 | 232 | 463 583 | 463 625 |
| | 1 1/2" (40) | 1 1/2 | 63 | 40.6 | 232 ¹⁾ | 463 584 | 463 626 |
| | | | 80 | 44.1 | 232 | 464 016 | 464 017 |
| | 2" (50) | 2 | 63 | 56.8 | 188 ¹⁾ | 454 617 | 454 602 |
| | | | 80 | 60.3 | 232 ¹⁾ | 454 787 | 454 791 |
| 2 1/2" (65) | 2 1/2 | 80 | 89.3 | 217 ¹⁾ | 454 618 | 454 603 | |

¹⁾ Pilot pressure >80 PSI at maximum system pressure.

Other pressure ranges, circuit functions, PPS actuators and accessories on request

| Connections NPT | Orifice [inch] | C _v | Max. Operating Pressure ²⁾ } → Differential Pressure ¹⁾ | | Required Control Pressure CFA [PSI] | Weight [lbs.] | Actuator Size [mm] ø DIA | | | |
|--------------------|-------------------|----------------|--|-----------|--|------------------|--------------------------------|-----|------|-----|
| | | | CFA [PSI] | CFB [PSI] | | | | | | |
| 1/2 | 1/2" | 4.9 | 232 | | 56 | 1.8 | 50 | | | |
| | | | | 232 | | | | | 50 | |
| 3/4 | 3/4" | 9.9 | 160 | | 56 | 2.2 | 50 | | | |
| | | | | 232 | | | | | 50 | |
| 1 | 1" | 20.9 | 160 | | 65 | 4.0 | 63 | | | |
| | | | | 232 | | | | | 63 | |
| 1 1/4 | 1 1/4" | 31.3 | 203 | | 73 | 6.8 | 80 | | | |
| | | 29.0 | | 232 | | | | 4.9 | 63 | |
| 1 1/2 | 1 1/2" | 44.1 | 130 | | 73 | 7.7 | 80 | | | |
| | | 40.6 | | 232 | | | | 6.0 | 63 | |
| 2 | 2" | 46.4 | 181 | | 64 | 12.4 | 100 | | | |
| | | 44.1 | | 232 | | | | 7.7 | 80 | |
| | | 63.8 | 104 | | | | | 64 | 15.4 | 100 |
| | | 56.8 | | 188 | | | | | | |
| | | 63.8 | 145 | | 47 | 20.7 | 125 | | | |
| 2 1/2 | 2 1/2" | 60.3 | | 232 | | 10.6 | 80 | | | |
| | | 104.4 | 150 | | 73 | 24.3 | 125 | | | |
| | | 89.3 | | 217 | | 14.1 | 80 | | | |

¹⁾ Higher differential pressures by other combinations of actuators on request.²⁾ Max. operating pressure with steam -> 150 PSI (365°F).

2000 angle-seat



Ordering chart for valves

Ordering chart for valves WITH FLOW DIRECTION ABOVE THE SEAT, High temperature version, steam @ 150 PSI
Actuator material PPS (polyphenylsulfide) with pilot pressure depending on operating pressure according to Charts 1 and 2

| Control function | Orifice | Port Connection Threaded port NPT | Actuator size Ø [mm] | C _v value | Pilot air pressure @ 150 PSIG line pressure | Item no. bronze body | Item no. St. st. body |
|--------------------------------|-------------|-----------------------------------|----------------------|----------------------|---|----------------------|-----------------------|
| A 2/2-way, NC by spring action | 1/2" (13) | 1/2 | 50 | 4.9 | <60 | 463 606 | 463 648 |
| | 3/4" (20) | 3/4 | 50 | 9.9 | <60 | 463 607 | 463 649 |
| | 1" (25) | 1 | 63 | 20.9 | <60 | 463 609 | 463 651 |
| | 1 1/4" (32) | 1 1/4 | 63 | 29.0 | <60 | 463 610 | 463 652 |
| | 1 1/2" (40) | 1 1/2 | 63 | 40.6 | 66 | 463 611 | 463 653 |
| | 2" (50) | 2 | 80 | 60.3 | 66 | 457 368 | 460 434 |
| | 2 1/2" (65) | 2 1/2 | 100 | 104.4 | 78 | 462 743 | 462 742 |

2000 angle-seat



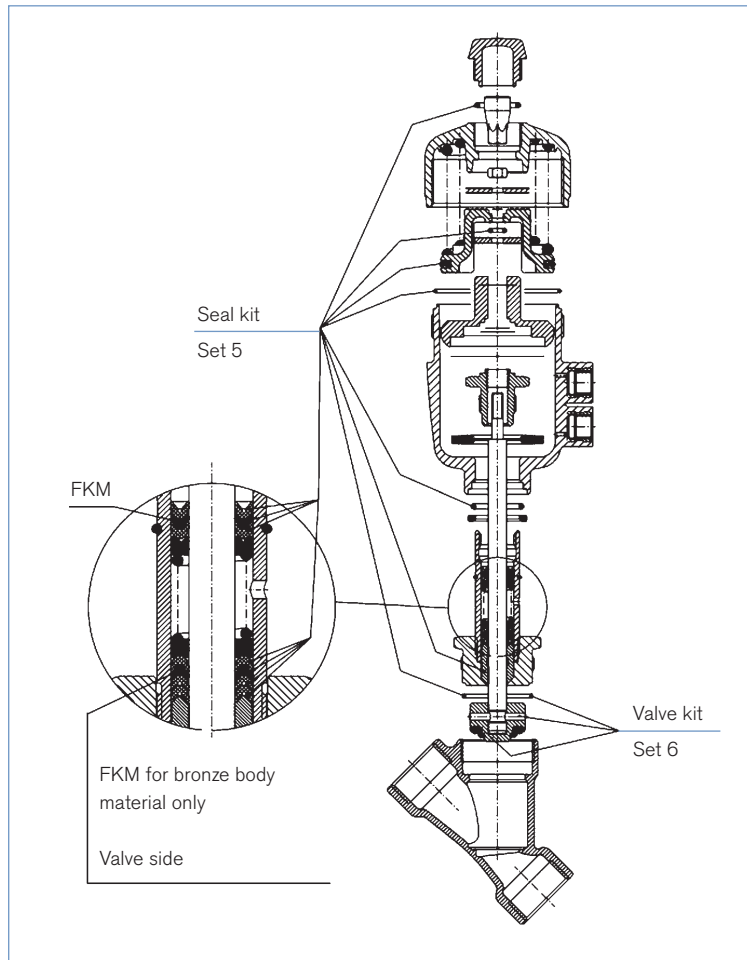
Angle seat valve spare part sets (kits contain a valve seat or sealing seat set; see drawing)

SET 6 valve seat kit, 2/2-way valve with bronze body

| DN | Item no. PTFE seal | Item no. FKM seal |
|-------------|--------------------|-------------------|
| 1/2" (13) | 010 984 | 011 065 |
| 3/4" (20) | 010 986 | 011 070 |
| 1" (25)* | 010 988 | 011 085 |
| 1" (25)** | 159 635 | - |
| 1 1/4" (32) | 011 044 | 011 088 |
| 1 1/2" (40) | 011 046 | 011 107 |
| 2" (50) | 011 390 | 011 109 |
| 2 1/2" (65) | 011 064 | 011 120 |

SET 6 valve seat kit, 2/2-way valve with stainless steel body

| DN | Item no. PTFE seal | Item no. FKM seal |
|-------------|--------------------|-------------------|
| 1/2" (13) | 011 134 | 011 234 |
| 3/4" (20) | 011 171 | 011 253 |
| 1" (25)* | 011 202 | 011 259 |
| 1" (25)** | 160 737 | - |
| 1 1/4" (32) | 011 208 | 011 262 |
| 1 1/2" (40) | 011 209 | 011 267 |
| 2" (50) | 011 214 | 011 269 |
| 2 1/2" (65) | 011 216 | 011 307 |



* Actuator size 50, Letter code D.

** Actuator size 63/80, Letter code E/F.

SET 5 Sealing set for PA-actuator

| Actuator size Ø | For Valve sizes | Item no. bronze body | Item no. stain-less steel body |
|-----------------|-----------------|----------------------|--------------------------------|
| C 1 1/2" (40) | DN 13/20 | 643 438 | 643 438 |
| D 2" (50) | DN 13/20/25 | 011 308 | 011 369 |
| E 2 1/2" (63) | DN 25 - 50 | 011 334 | 011 372 |
| F 3" (80) | DN 25 - 65 | 011 366 | 001 902 |
| G 4" (100) | DN 32 - 65 | 007 763 | 011 386 |
| H 5" (125) | DN 40 - 65 | 011 368 | 011 387 |

Set 5 sealing set for PPS-actuator

| Actuator sizes Ø | For Valve sizes | Item no. bronze body | Item no. stain-less steel body |
|------------------|-----------------|----------------------|--------------------------------|
| C 1 1/2" (40) | DN 13/20 | 643 536 | 643 536 |
| D 2" (50) | DN 13/20/25 | 011 373 | 011 388 |
| E 2 1/2" (63) | DN 25 - 50 | 007 765 | 007 766 |
| F 3" (80) | DN 25 - 65 | 011 375 | 007 767 |
| G 4" (100) | DN 32 - 65 | 011 374 | 011 389 |
| H 5" (125) | DN 40 - 65 | 007 764 | 007 768 |

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2000 angle-seat

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Ordering information for valve system On/Off Classic Type 8801-YA/8803-YA

A valve system On/Off Classic Type 8801-YA/8803-YA consists of an angle-seat valve Type 2000 and a valve actuation system control head Type 8691, a pneumatic control unit Type 8690 or an electrical position feedback Type 1062 (see separate datasheets).

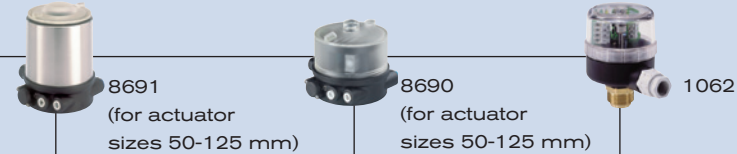
For the configuration of further valve systems please use the "Request for quotation" on page 13

You order two components and receive a complete assembled and certified valve.

Ordering the valve system On/Off Classic Type 8801-YA/8803-YA

Angle-seat valve
Type 2000 threaded port

Control units

Angle-seat valve with
desired control unit

For port connections weld end and clamp, see separate datasheets



When you click on the orange box "More info." below, you will come to our website for the resp. product where you can download the datasheet.

Control head Type 8691



The new generation of integrated control heads for combination with actuators from the process valve series Type 20xx/21xx is specially designed for the requirements of hygienic process environments. The intelligent control head, Type 8691, detects the valve position by means of a contact-free analog position sensor circumventing excessive wear of mechanical parts. Single or double-acting actuators are controlled via the integral pilot valve. Communication interfaces AS-Interface and DeviceNet are available as options.

Main customer benefits:

- Automatic setting of the control head at the push of a button
- Even under dirty or dark environments, a clearly visible status display due to powerful LEDs
- Monitoring and diagnosis: Process valve systems with field bus interface used in modern plant processes
- Integrated pilot valve with manual actuation
- Air intake filter enhances the process valve system availability
- Simple and reliable actuator adaptations allowing additional actuators of the process valve series, Type 20xx or actuators from other manufacturers to be used

Pneumatic control unit
Type 8690

The new generation of integrated controllers for combination with actuators from the process valve series Type 20xx/21xx is specially designed for the requirements of hygienic process environments.

The pneumatic control unit Type 8690 combines electrical position feedback and pneumatic control for single or double-acting actuators, and is also optionally available as an intrinsically safe model to ATEX.

Main customer benefits:

- Integrated pilot valve with manual actuation
- Air intake filter enhances the process valve system availability
- Simple and reliable actuator adaptations allowing additional actuators of the process valve series, Type 20xx or actuators from other manufacturers to be used

Electrical Position Feedback
Type 1062

Positions are electrically signaled according to switch type:

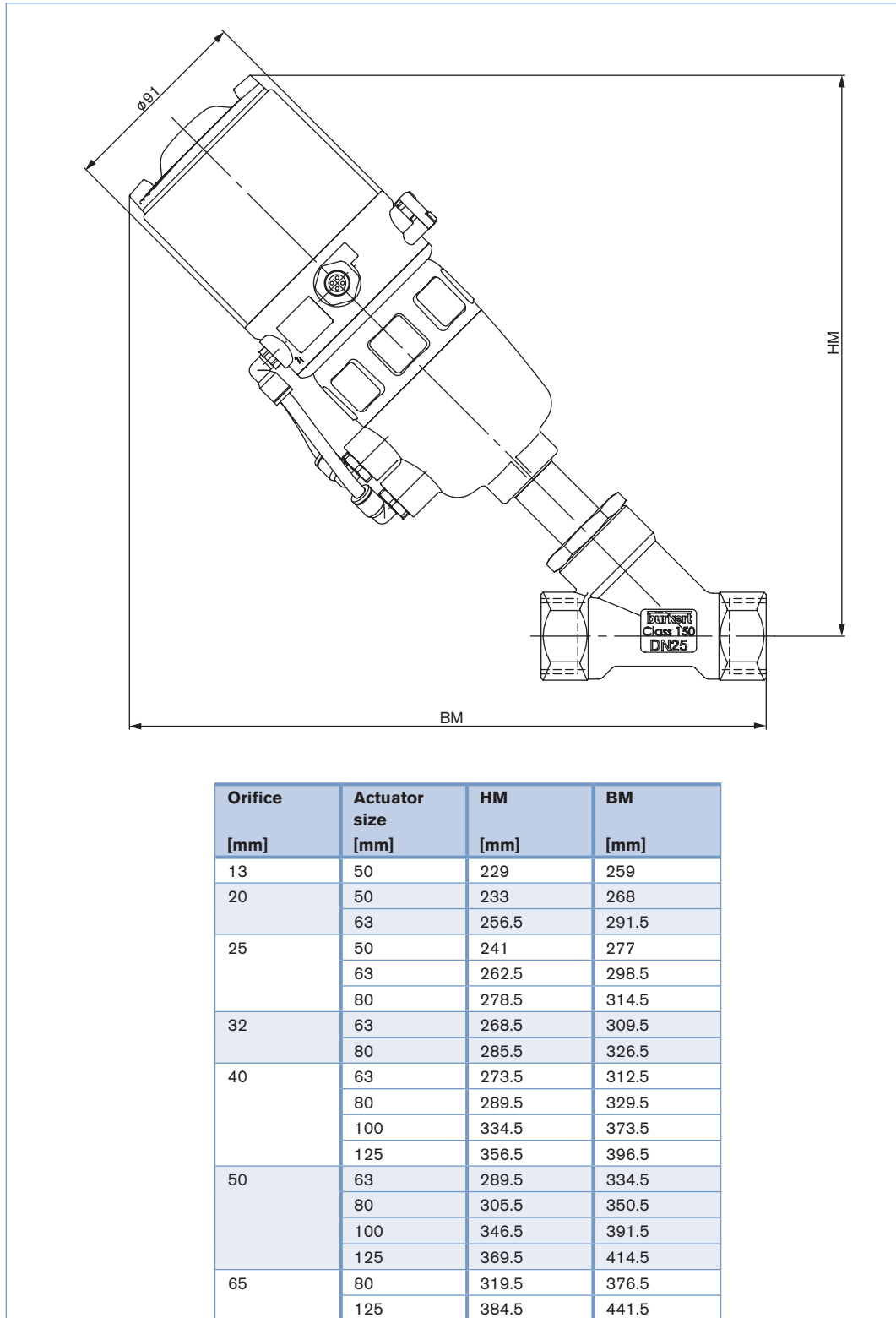
- open,
 - closed or
 - open and closed.
- LEDs provide optical position indication (except for Namur Ex-version). Mechanical or inductive switches are housed in a compact splash-proof enclosure. The position indicator can be rotated 360° and is easily fitted to the valve. Trip cams do not require adjustment. The unit only needs to be screwed on and connected to be ready for operation.

2000 angle-seat



Dimensions for valve system On/Off Classic Type 8801-YE-H [mm]

Dimensions valve system On/Off Classic Type 8801-YA-H with TopControl Type 8691 [mm]



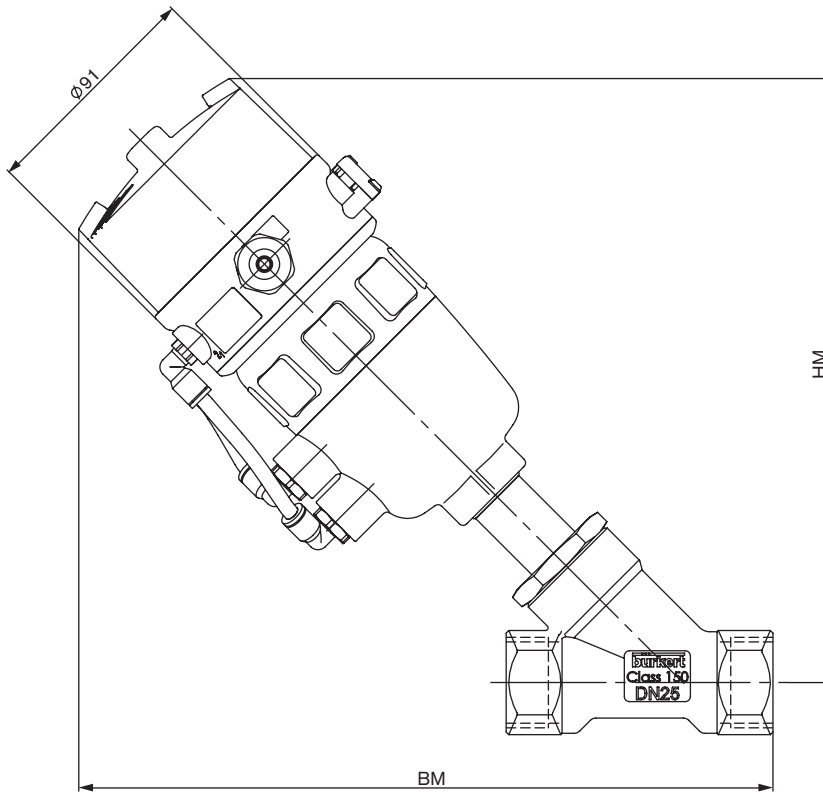
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Dimensions for valve system On/Off Classic Type 8801-YE-K [mm]

Dimensions valve system On/Off Classic Type 8801-YA-K with TopControl Type 8690 [mm]



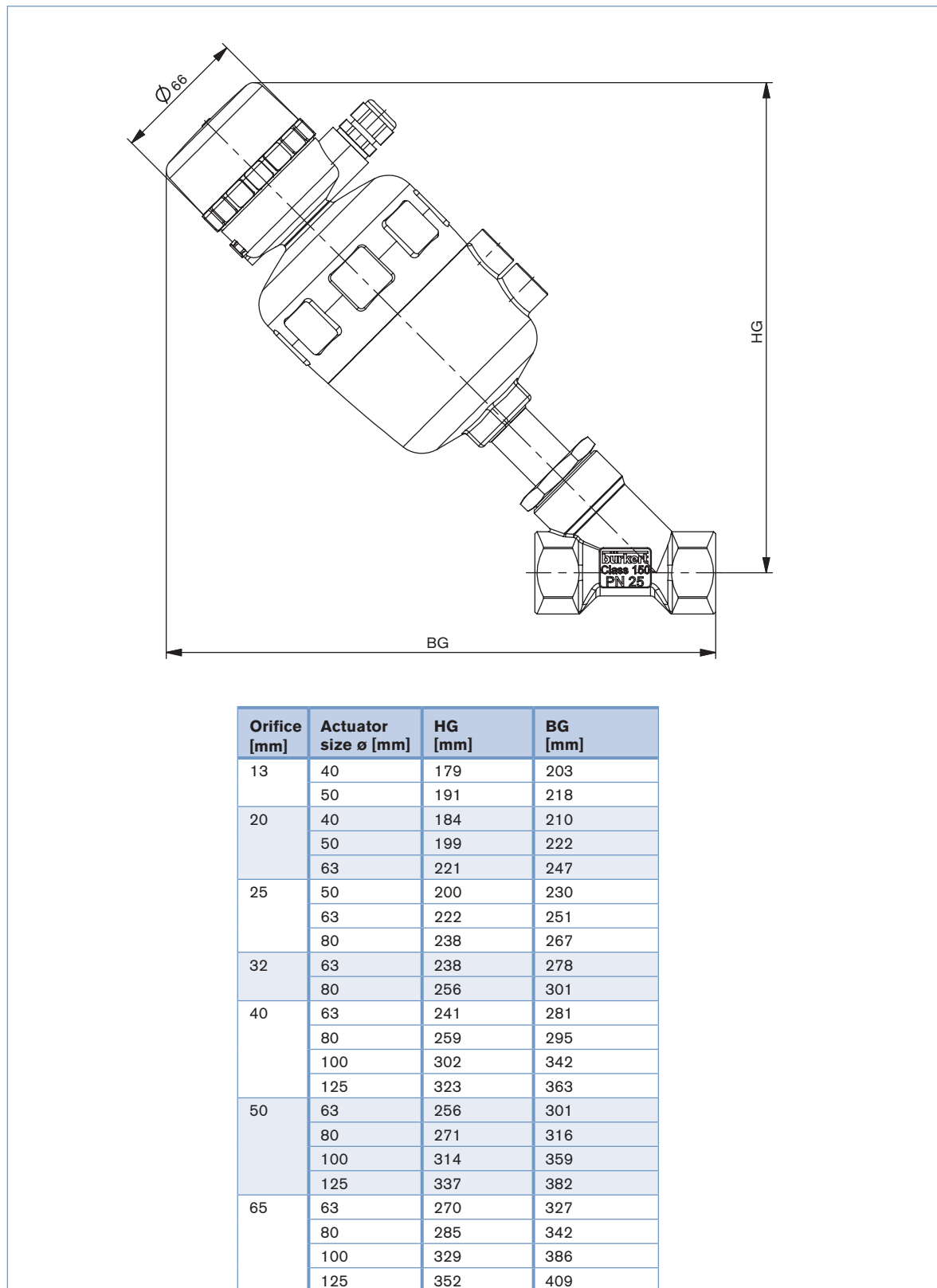
| Orifice [mm] | Actuator size [mm] | HM [mm] | BM [mm] |
|-----------------|--------------------------|------------|------------|
| 13 | 50 | 205 | 235 |
| 20 | 50 | 209 | 244 |
| | 63 | 233 | 268 |
| 25 | 50 | 217 | 253 |
| | 63 | 239 | 275 |
| | 80 | 254.5 | 290.5 |
| 32 | 63 | 245 | 286 |
| | 80 | 261.5 | 302.5 |
| 40 | 63 | 250 | 289 |
| | 80 | 265.5 | 305.5 |
| | 100 | 310.5 | 349.5 |
| | 125 | 332.5 | 372.5 |
| 50 | 63 | 266 | 311 |
| | 80 | 281.5 | 326.5 |
| | 100 | 322.5 | 367.5 |
| | 125 | 345.5 | 390.5 |
| 65 | 80 | 295.5 | 352.5 |
| | 125 | 360.5 | 417.5 |

2000 angle-seat



Dimensions for valve system On/Off Classic Type 8803-YA [mm]

Dimensions valve system On/Off Classic Type 8803-YA with electrical position feedback Type 1062 [mm]



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2000 angle-seat



Note
You can fill out the fields directly in the PDF file before printing out the form.

Valve system On/Off Classic Type 8801-YA/8803-YA – request for quotation

▶ Please fill out and send to your nearest Burkert facility* with your inquiry or order

| | |
|---------------|----------------|
| Company | Contact person |
| Customer no. | Department |
| Address | Tel./Fax |
| Postcode/town | E-Mail |

= mandatory fields to fill out Quantity Required delivery date

Operating data

| | | | | |
|---|---------------------------------|--------------------------------|------------------------------|----------------------|
| Pipeline | DN | <input type="text"/> | PN | <input type="text"/> |
| Pipe material | <input type="text"/> | | | |
| Process medium | <input type="text"/> | | | |
| Type of medium | <input type="checkbox"/> Liquid | <input type="checkbox"/> Steam | <input type="checkbox"/> Gas | |
| | standard | unit | | |
| Flow rate (Q, Q _N , W) ¹⁾ | <input type="text"/> | <input type="text"/> | | |
| Temperature at valve inlet | <input type="text"/> | <input type="text"/> | | |
| Absolute pressure at valve inlet | <input type="text"/> | <input type="text"/> | | |

¹⁾ standard unit: Liquid Q = m³/h; Steam W = kg/h; Gas Q_N = Nm³/h

Valve features

| | | | |
|-----------------------|--|---|--|
| Actuator material | <input type="checkbox"/> PA | <input type="checkbox"/> PPS | |
| Body material | <input type="checkbox"/> Stainless steel | <input type="checkbox"/> Gunmetal | |
| Seat sealing material | <input type="checkbox"/> PTFE <input type="checkbox"/> NBR | <input type="checkbox"/> Other <input type="text"/> | |
| Nominal pressure | PN | <input type="text"/> | |
| Nominal size | DN | <input type="text"/> | |
| Type of connection | <input type="checkbox"/> Welded | <input type="checkbox"/> Internal thread | <input type="checkbox"/> Clamp |
| Standard connection | <input type="checkbox"/> ISO | <input type="checkbox"/> DIN | <input type="checkbox"/> ANSI <input type="checkbox"/> JIS <input type="checkbox"/> Other <input type="text"/> |
| Function | <input type="checkbox"/> NC ²⁾ | <input type="checkbox"/> NO ²⁾ | <input type="checkbox"/> Double-acting |
| Pilot pressure | <input type="text"/> | min. | <input type="text"/> |
| | | | max. |

²⁾ NC: normally closed by spring action; NO: normally open by spring action

Control unit features

Click on the orange box "More info." below... you will come to our website for the resp. product where you can download the datasheet.

| Pneumatic Control Unit | Control Head | Electrical position feedback |
|--|--|--|
| <input type="checkbox"/> Type 8691 | <input type="checkbox"/> Type 8690 | <input type="checkbox"/> Type 1062 |
| Pneumatic function <input type="checkbox"/> Single-acting <input type="checkbox"/> Double-acting Pilot air ports <input type="checkbox"/> Push-in connector external ø 6 mm or 1/4" <input type="checkbox"/> Thread G 1/8" Communication <input type="checkbox"/> ASI <input type="checkbox"/> Multipol M12 <input type="checkbox"/> Flat cable clip, 1 m cable <input type="checkbox"/> DeviceNet Please specify item no. if known: <input type="text"/> | Pneumatic function <input type="checkbox"/> Single-acting <input type="checkbox"/> Double-acting <input type="checkbox"/> Without pilot valve Position feedback <input type="checkbox"/> 1x inductive <input type="checkbox"/> 2x inductive <input type="checkbox"/> 1x inductive (NAMUR) <input type="checkbox"/> 2x inductive (NAMUR) <input type="checkbox"/> 1x mechanical <input type="checkbox"/> 2x mechanical Supply voltage <input type="checkbox"/> 24 V / DC (ATEX Zone 2/22) <input type="checkbox"/> Ex ia IIC T6 (ATEX Zone 1) Pilot air ports <input type="checkbox"/> Push-in connector <input type="checkbox"/> Thread G 1/8" external ø 6 mm or 1/4" Please specify item no. if known: <input type="text"/> | Limit switches <input type="checkbox"/> mechanical <input type="checkbox"/> Voltage 12-48 V <input type="checkbox"/> Voltage 110-250 V <input type="checkbox"/> inductive <input type="checkbox"/> NAMUR EExi Status <input type="checkbox"/> closed <input type="checkbox"/> open <input type="checkbox"/> open/closed Please specify item no. if known: <input type="text"/> |

continued on next page →

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2000 angle-seat


Valve system On/Off Classic Type 8801-YA/8803-YA – request for quotation, *continued*

| Control unit features | |
|---|--|
| Pilot valve | Stroke limitation |
| <input type="checkbox"/> Pilot valve | <input type="checkbox"/> Stroke limitation |
| Power supply <input type="text"/> | <input type="checkbox"/> Min./max. stroke limitation , with visual position indicator |
| | <input type="checkbox"/> Max. stroke limitation , without visual position indicator |
| Please specify item no. if known: <input type="text"/> | Please specify item no. if known: <input type="text"/> |

| Certifications |
|--|
| <input type="checkbox"/> Attestation of compliance with the order EN-ISO 10204 2.1 |
| <input type="checkbox"/> Test report EN-ISO 10204 2.2 |
| <input type="checkbox"/> Certification of Conformity for Raw Material EN-ISO 10204 3.1 |
| <input type="checkbox"/> EN161 (European Gas Device guideline) |

| Comment / sketch |
|------------------|
| |
| |
| |
| |
| |
| |
| |

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