



Butterfly & Ball Valve Identification Numbering System

| 1 Valve Type | 2 Seal Material | 3 Port Size | 4 Control Options | 5 Options | 6 Actuator |
|--------------------|-----------------------|-------------------|-------------------------|--------------|---------------|
| K582 | E | 20 | CD213 | T | AS |

**Butterfly
&
Ball Valve
Identification
Numbering
System**

Valve Specs

Materials:
AISI 316L wetted parts
AISI 304 non-wetted parts

Control Air Pressure:
87 psi (6 bar) min
145 psi (10 bar) max

Seat Closure Pressure:
145 psi (10 bar) max

Surface Finish:
Ra ≤ 0.8µm wetted parts

1) Valve Type

Butt-Weld

Manual Butterfly Ball **K582Z
H459**

Automatic Butterfly Ball **K662Z
H559**

Tri-Clamp

Manual Butterfly Leakage Butterfly Ball **K588Z
L588Z
H459C**

Automatic Butterfly Leakage Butterfly Ball **K668Z
L668Z
H559C**

Small-Flange

Manual Butterfly Leakage Butterfly Ball **K587Z
L587Z
H457**

Automatic Butterfly Leakage Butterfly Ball **K667Z
L667Z
H557**

2) Seal Material

- V** VMQ - Silicone (Standard for Butterfly valves)
- E** EPDM
- H** HNBR
- F** Viton
- N** NBR – Nitrile
- C** CSM – Hypalon
- T** EPDM with PTFE coating
- S** Special

Butterfly and Ball Valve Identification Numbering System, Cont.



| | | | | | |
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3) Port Size

| | <i>English</i> | | <i>Metric</i> |
|------------|----------------|--------------|---------------|
| 05 | 1/2" | DN15 | 15mm |
| 075 | 3/4" | DN25 | 25mm |
| 10 | 1.0" | DN32 | 32mm |
| 15 | 1.5" | DN40 | 40mm |
| 20 | 2.0" | DN50 | 50mm |
| 25 | 2.5" | DN65 | 65mm |
| 30 | 3.0" | DN80 | 80mm |
| 40 | 4.0" | DN100 | 100mm |
| 60 | 6.0" | DN150 | 150mm |

4) Control Options

Ex: a b c d
C D 20 3

Note: If the control top option is selected for butterfly valves in this section, then the RS (rising stem) option must be selected in the next section under Options (Section 5).

- a) **C** Control top – Bürkert
- S** Special
- E** External switches – no top
- XX** No Feedback

- b) **A** 110 VAC
- D** 24 VDC

- c) **00** 0 prox, 0 solenoid
- 11** 1 prox, 1 solenoid
- 21** 2 prox, 1 solenoid
- 21D** 2 prox, 1 solenoid w/DeviceNet™
- 10** 1 prox, 0 solenoid
- 20** 2 prox, 0 solenoid
- 21A** 2 prox, 1 solenoid w/ASI Bus

- d) **2** 2-wire
- 3** 3-wire (standard for control top option)

5) Options

Note: If you selected the control top for a butterfly valve in step 4 above, you must select the RS (rising stem) option in this section. The rising stem is required to mount a control top to a butterfly valve. It is not required to mount external proximity switches.

- XX** Standard
- RS** Rising stem (required for mounting control top on butterfly valves but not required for mounting external proximity switches)

6) Actuator

- AS** Air to open, spring to close
- SA** Spring to open, air to close
- AA** Air to open, air to close

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Identification
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(Continued)**

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