

Instrument 3-way Manifold Valve

Description:

The KZ13 3-way manifold valve is a compact to operate, calibrate and maintain differential pressure instruments.

There are two executions as shown for isolating the process from the differential pressure instrument, and equalizing process pressure between high and low sides of the differential pressure instruments.



Direct mounted
KZ13 direct

Adapter flange connection
with extension pipes
KZ13 extended

Specifications:

Types: direct mounted, and with extension pipes (straight)

Operating pressure range: -1 to 140 bar

Operating temperature range: -40 to +120°C

Max. static pressure: 210 bar

Materials:

- body Carbon Steel (SF440A) or Stainless Steel (316 SS)
- bolts for instruments 304 SS
- extension pipes Carbon Steel STS370 Schedule 80 (CS body)

Gasket: Teflon

Corrosion finish: Carbon Steel body Zinc Plated

Connections: instrument side flanged, and process side 1/2" NPT screw via adapter set

Centre to centre: between high and low side 54 mm

The following mounting positions are possible when the handle of the equalizing valve is front view.

Direct mounting:

- PDPT33, 44; process connection is top or bottom
- PDPT11, 22; process connection is bottom

With extension pipes mounting:

- PDPT11, 22; process connection is bottom

All mounting adapter flanges does have the same dimensions and are compatible with all models.

Instrument 3-way Manifold Valve

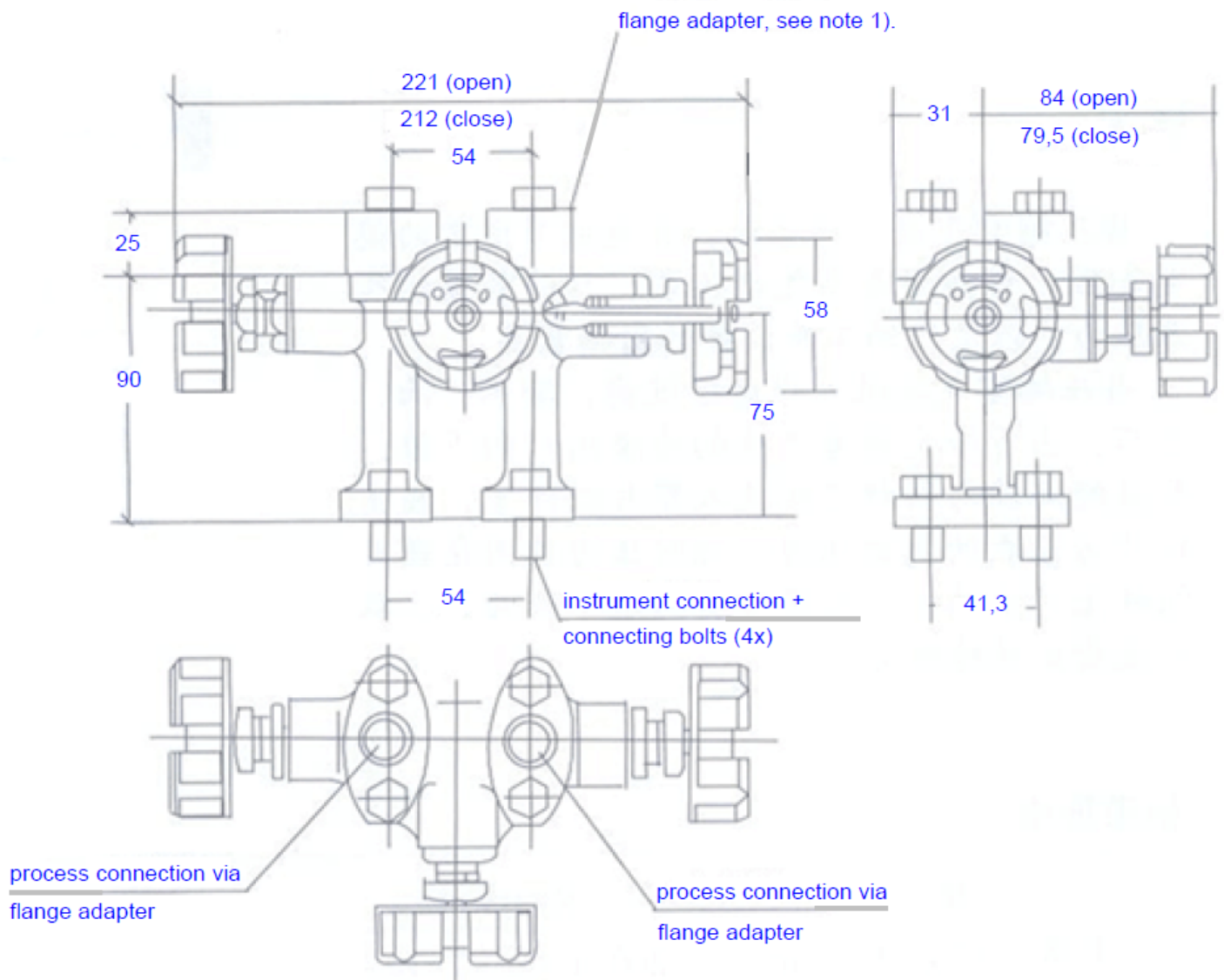
| Basic Model No. | Material | Process Connection | Gasket Ring | Options | Description |
|-----------------|----------|--------------------|-------------|---------|--|
| KZ13 | | | | | Direct mount type 3-way manifold |
| | -1 | | | | Carbon steel |
| | -2 | | | | SUS316 (0Cr18Ni12Mo2Ti) |
| | -9 | | | | 1Gr18Ni9Ti |
| | | 2A | | | Flange connect (ZG1/2") |
| | | 70 | | | 1/2" welding pipe (high pressure type) |
| | | | 0 | | Without gasket ring (separate type) |
| | | | 1 | | With gasket ring (separate type) |
| | | | | -S | Extend tube (straight tube) |
| | | | | -U | Extend tube (tube with connections) |
| | | | | -X | none |

Example: KZ13-1-2A-1-X

Weight: direct mounted 1,5 kg, with extension pipes 3,0 kg.

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Direct mounted

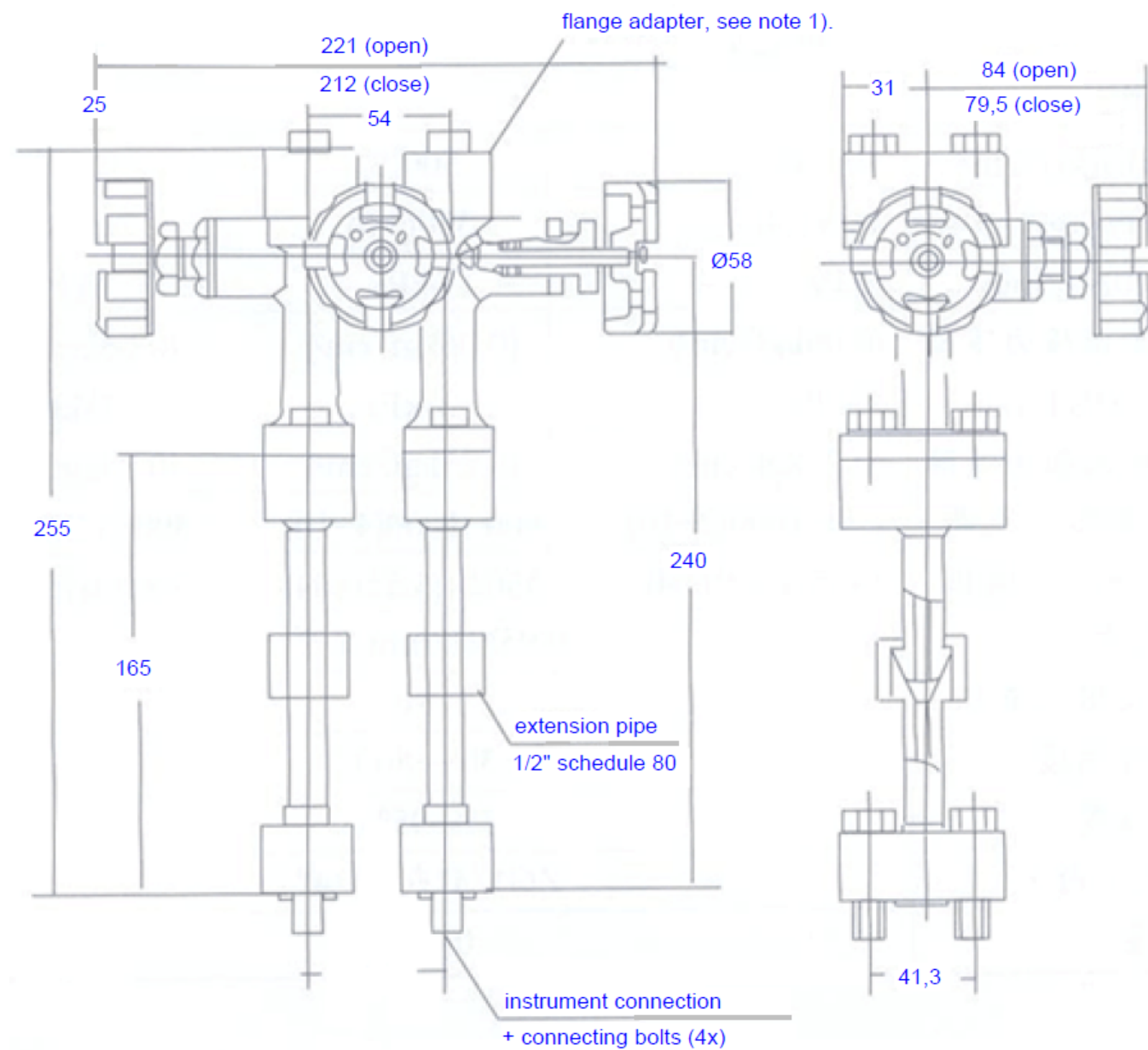


Note(s)

1). the flange adapter, which belong to the instrument body will be used.

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With extension pipes (straight)



Note(s)

1). the flange adapter, which belong to the instrument body will be used.