

## Flanged ball valve wafer type pneumatic actuator type PK06



### Description:

Wafer type flanged ball valve made of steel with pneumatic Actuator. Ball made of stainless steel to shut off a pipeline system.

### Features:

- suitable for neutral and not neutral **gaseous & liquid media**
- no bridge, actuator is direct mounted (except singleacting DN125-DN150)
- Direct mounting of magnetic valves per Namur is also possible

### Connection:

DN15, DN20, DN25, DN32, DN40, DN50, DN65, DN80, DN100, DN125, DN150

### Construction:

Full port design

### Pressure:

0 – 16 bar

### Design:

Ball valve with pneumatic Actuator

### Body:

Cast iron 1.0619

### Ball:

Stainless steel 1.4308

### Ball sealing:

PTFE / TFM

### Packing:

PTFE

### Nominal diameter:

short

### Flange connection:

Acc. to EN 1092-1 PN16

### Temperature:

-20°C to +180°C (depending on working pressure)

### Body actuator:

Aluminium hard anodized

### Pinion:

anti-corrosion steel

### Piston:

Aluminium alloy

### Seals:

NBR

### Temperature:

-20°C to +80°C

### Control pressure:

min. 6 bar up to max. 8 bar

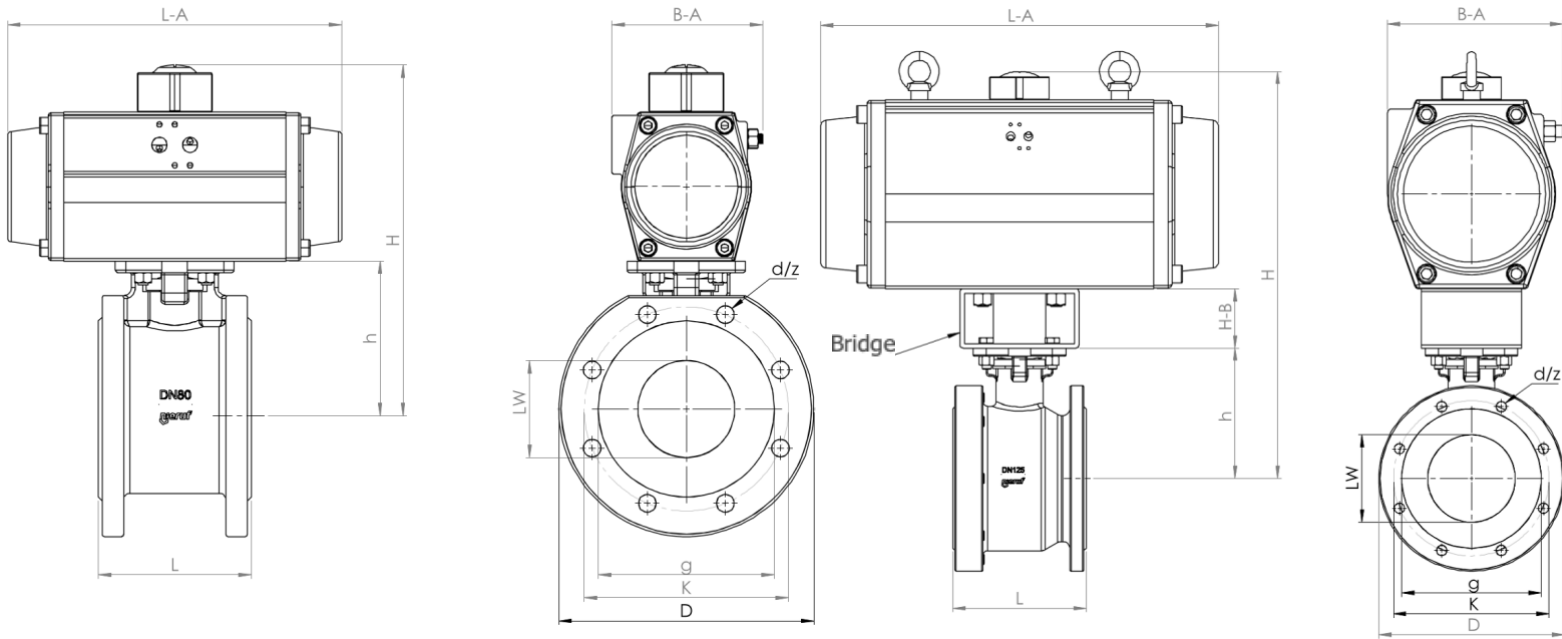
### Operating media:

filtered air with regard to residual oil content, dust and water, at least according to DIN ISO 8573-1: 2010 [7:-:4]

### Remarks:

- Suitable for industrial purposes
- The dimension of the device is calculated with a control pressure rate from 6 bar to 8 bar
- For non-greasing mediums (e. g. water) or/and long non-working time it might be necessary to choose a bigger actuator size. In this case please contact our technical staff

## Dimensions:



Single acting DN125-DN150

### type: GD = double acting

| DN  | PN | L   | h    | LW   | g   | K   | D   | d   | z | H     | H-B | L-A | B-A   | Actuator |
|-----|----|-----|------|------|-----|-----|-----|-----|---|-------|-----|-----|-------|----------|
| 15  | 16 | 42  | 49   | 15   | 45  | 65  | 95  | M12 | 4 | 135   | /   | 114 | 55    | GD-032   |
| 20  | 16 | 44  | 53,5 | 20   | 58  | 75  | 105 | M12 | 4 | 150,5 | /   | 120 | 75,5  | GD-040   |
| 25  | 16 | 50  | 62   | 25   | 68  | 85  | 115 | M12 | 4 | 159   | /   | 120 | 75,5  | GD-040   |
| 32  | 16 | 60  | 72   | 32   | 78  | 100 | 140 | M16 | 4 | 181   | /   | 147 | 74,5  | GD-052   |
| 40  | 16 | 65  | 78   | 38   | 88  | 110 | 150 | M16 | 4 | 203   | /   | 165 | 83    | GD-063   |
| 50  | 16 | 80  | 86   | 50   | 102 | 125 | 165 | M16 | 4 | 211   | /   | 165 | 83    | GD-063   |
| 65  | 16 | 110 | 108  | 63,5 | 122 | 145 | 185 | M16 | 4 | 254   | /   | 208 | 103   | GD-083   |
| 80  | 16 | 120 | 116  | 76   | 138 | 160 | 200 | M16 | 8 | 269,5 | /   | 262 | 109,5 | GD-092   |
| 100 | 16 | 150 | 139  | 95   | 162 | 180 | 220 | M16 | 8 | 309   | /   | 270 | 124,5 | GD-105   |
| 125 | 16 | 180 | 176  | 118  | 188 | 210 | 250 | M16 | 8 | 410   | /   | 454 | 180   | GD-160   |
| 150 | 16 | 225 | 192  | 142  | 212 | 240 | 285 | M20 | 8 | 426   | /   | 454 | 180   | GD-160   |

### type: GS = single acting (spring closing)

| DN   | PN | L   | h    | LW   | g   | K   | D   | d   | z | H     | H-B | L-A | B-A | Actuator |
|------|----|-----|------|------|-----|-----|-----|-----|---|-------|-----|-----|-----|----------|
| 15   | 16 | 42  | 49   | 15   | 45  | 65  | 95  | M12 | 4 | 158   | /   | 147 | 83  | GS-052   |
| 20   | 16 | 44  | 53,5 | 20   | 58  | 75  | 105 | M12 | 4 | 162,5 | /   | 147 | 83  | GS-052   |
| 25   | 16 | 50  | 62   | 25   | 68  | 85  | 115 | M12 | 4 | 187   | /   | 165 | 95  | GS-063   |
| 32   | 16 | 60  | 72   | 32   | 78  | 100 | 140 | M16 | 4 | 208,5 | /   | 182 | 106 | GS-075   |
| 40   | 16 | 65  | 78   | 38   | 88  | 110 | 150 | M16 | 4 | 224   | /   | 208 | 115 | GS-083   |
| 50   | 16 | 80  | 86   | 50   | 102 | 125 | 165 | M16 | 4 | 239,5 | /   | 262 | 118 | GS-092   |
| 65   | 16 | 110 | 108  | 63,5 | 122 | 145 | 185 | M16 | 4 | 278   | /   | 270 | 122 | GS-105   |
| 80   | 16 | 120 | 116  | 76   | 138 | 160 | 200 | M16 | 8 | 308   | /   | 301 | 150 | GS-125   |
| 100  | 16 | 150 | 139  | 95   | 162 | 180 | 220 | M16 | 8 | 348   | /   | 395 | 159 | GS-140   |
| *125 | 16 | 180 | 549  | 118  | 188 | 210 | 250 | M16 | 8 | 539   | 70  | 536 | 236 | GS-210   |
| *150 | 16 | 225 | 565  | 142  | 212 | 240 | 285 | M20 | 8 | 555   | 70  | 536 | 236 | GS-210   |

\*Bridge is needed

## Article number:

| Type | Version                   | Seal             | Size             |
|------|---------------------------|------------------|------------------|
| PK06 | <b>00 – double acting</b> | <b>00 – PTFE</b> | 03 – DN15        |
|      | 01 – single acting        |                  | 04 – DN20        |
|      |                           |                  | <b>05 – DN25</b> |
|      |                           |                  | 06 – DN32        |
|      |                           |                  | 07 – DN40        |
|      |                           |                  | 08 – DN50        |
|      |                           |                  | 09 – DN65        |
|      |                           |                  | 10 – DN80        |
|      |                           |                  | 11 – DN100       |
|      |                           |                  |                  |
|      |                           |                  |                  |

## Example no. PK06000005:

|      |    |    |    |
|------|----|----|----|
| PK06 | 00 | 00 | 05 |
|------|----|----|----|

Flanged ball valve wafer type with pneumatic actuator

Version: double acting

Seal: PTFE

Size: DN25

## NOTE:

Standard for single acting actuator is closing with spring force.

Image similar, subject change without notice.