

## New generation of actuators for diaphragm valves **SISTO-C**



### Applications:

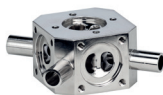
Hygienic and sterile handling of fluids in food, beverage and pharmaceutical industries

### More Information:

[www.ksb.com/products](http://www.ksb.com/products)



SISTO-C



SISTO-CM



SISTO-C LAP (aluminium)  
MD168-MD202

# New generation of actuators for diaphragm valves **SISTO-C**



actual execution



new execution

- Actuator housing and valve bonnet manufactured out of one part
- Significant reduction of the height and diameter
- Up to 45% less weight than previous model
- Clear visual position indication by red plastic or stainless steel indicator - well visible all around
- Spring chamber venting by a operation hole
- Alternative actuator housing in lightweight aluminium execution for diaphragm size MD168 and MD202
- Compatible with existing SISTO-C valves

## Dimensions SISTO-C LAP actuators MD30-MD202

| sizes |        |            | actual execution |        |             | new execution |        |             |
|-------|--------|------------|------------------|--------|-------------|---------------|--------|-------------|
| MD    | piston | stroke[mm] | Ø [mm]           | height | weight [kg] | Ø [mm]        | height | weight [kg] |
| 30    | K35    | 5          | 45               | 87     | 0,5         | 41            | 73     | 0,4         |
| 40    | K40    | 7          | 52               | 95     | 0,9         | 46            | 81     | 0,5         |
| 65    | K63    | 13         | 77               | 164    | 2,7         | 71            | 115    | 1,7         |
| 92    | K80    | 21         | 98               | 197    | 5,3         | 89            | 155    | 3,8         |
| 115   | K100   | 26         | 165              | 241    | 10,8        | 110           | 177    | 6,1         |
| 168   | K200   | 45         | 240              | 375    | 28,6        | /             | /      | /           |
| 168   | K160   | 45         | /                | /      | /           | 167           | 365    | 23,9        |
| 168** | K160   | 45         | /                | /      | /           | 110           | 177    | 16,7        |
| 202   | K200   | 60         | /                | /      | /           | 210           | 429    | 39,3        |
| 202** | K200   | 60         | /                | /      | /           | 210           | 429    | 28,5        |

## Features of the SISTO-C diaphragm valves

### Maximum service life and pressure limit (PN16)

thanks to enclosed and spiral-supported diaphragm

### Optimum conditions for fluid purity

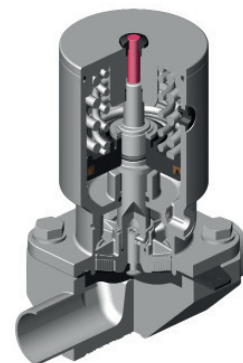
due to valve hydraulics without dead zones

### Reliable Operation

The stem and all internal operating elements are not in contact with the fluid

### Reliable sealing to the atmosphere and absolutely tight shut-off

The diaphragm provides hermetic sealing



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\*\*\*) actuator housing in aluminum