

# Diaphragm Valve

## 1/4" up to 2 1/2"

# 7060



**Aseptic diaphragm valve with manual or pneumatic actuator.**

- Body including end connections made from 316L stainless steel.
- Standard body material stainless steel 316 L (1.4435)
- Electropolished up to < 8 Ra µin.
- Special versions as T-valve, multi-way star type valve or as bottom valve.
- Version as control valve with integrated positioner (type 7061)

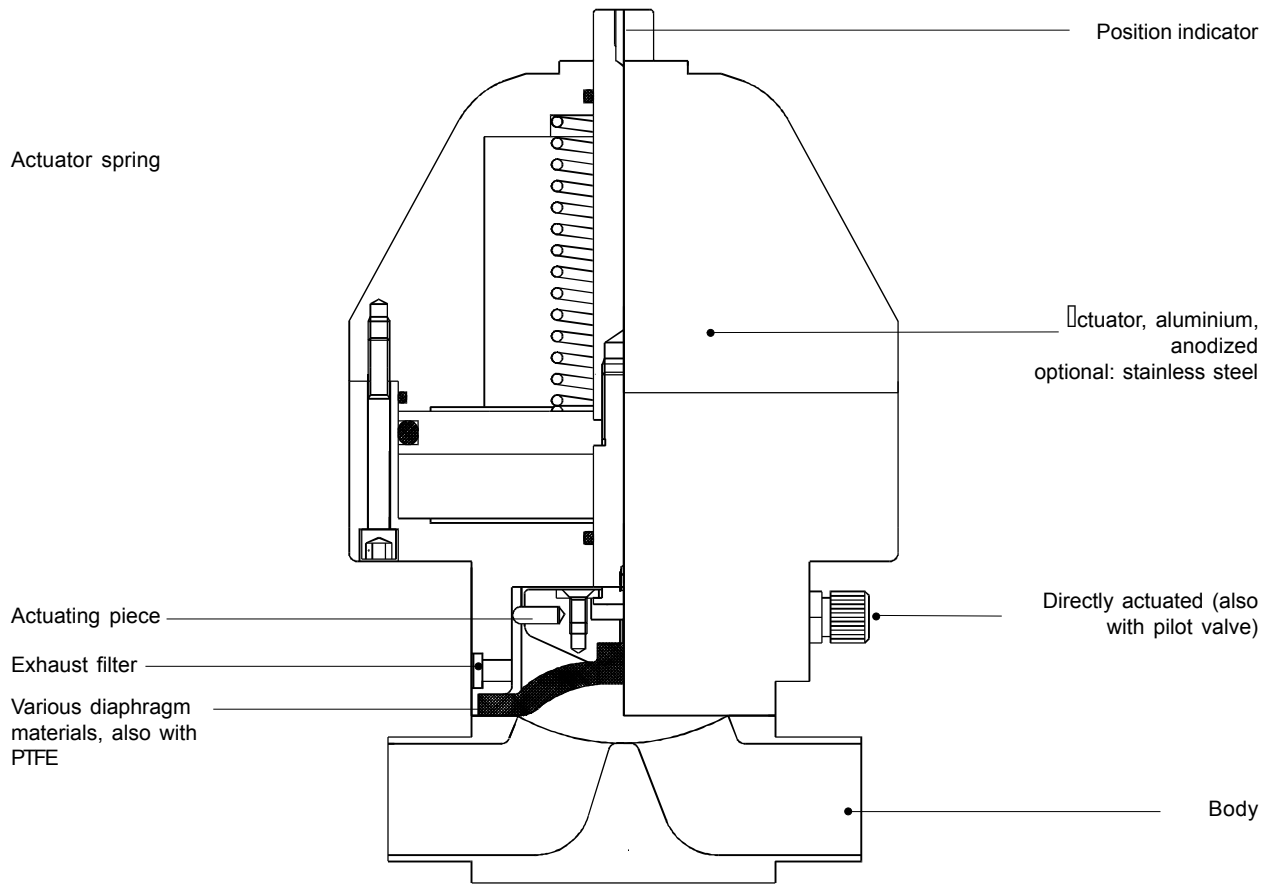


### Technical Information

|                                                       |                                                                                                                          |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Nominal sizes                                         | 1/4" - 2 1/2"                                                                                                            |
| Connections                                           | Welding ends acc. DIN 2463 (ISO) or DIN 11850 (series 2), Tri-Clamp                                                      |
| Body material                                         | Stainless steel 316 L (1.4435)                                                                                           |
| Surface (wetted parts)                                | Ra < 31.5 µin (Standard)<br>Option: Ra < 8.0 µin                                                                         |
| Material of actuator                                  | Aluminium, anodized<br>optional: stainless steel<br>plastic (manually operated)                                          |
| Diaphragm materials,<br>admissible fluid temperatures | EPDM - 40 up to + 284 °F<br>Viton + 23 up to + 284 °F<br>PTFE/Butyl - 40 up to + 302 °F<br>PTFE/EPDM + 14 up to + 302 °F |
| Admissible operating pressure                         | 116 psi, maximum                                                                                                         |
| Required actuating pressure for<br>pneumatic actuator | 60 - 90 psi, 65 - 90 psi for PTFE-diaphragms                                                                             |



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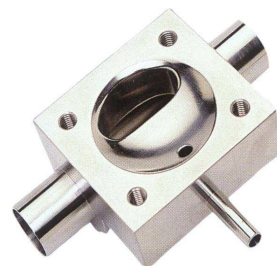
## Special Version



**3-Way Star Type Valve**



**Clamp-Connections**



**T-Valve**

SCHUBERT  SALZER  
INC.

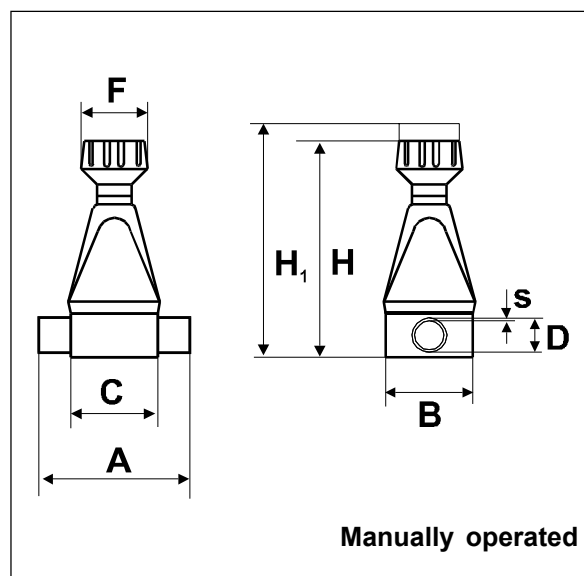
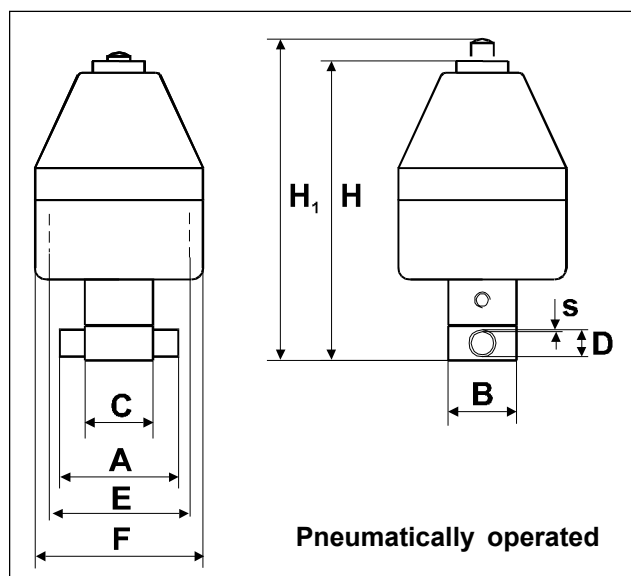
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7 - 12 : Quote only, if required.

|                          |                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ordering Example:</b> | <b>7060/025V9D29-H</b><br>Diaphragm valve type 7060, DN 25, welding ends for tubes acc. DIN 11850, stainless steel 1.4435, diaphragm PTFE/EPDM, manually operated |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Diaphragm Valve 7060

## Dimensions and Weights



## Pneumatic Actuator

| DN     | A    | B    | C    | E*   | F    | Ø D                   | s    | H     | H1    | Ø D             | s    | H     | H1    | Weight<br>lbs |
|--------|------|------|------|------|------|-----------------------|------|-------|-------|-----------------|------|-------|-------|---------------|
|        |      |      |      |      |      | DIN 11850<br>Series 2 |      |       |       | DIN 2463<br>ISO |      |       |       |               |
| 1/4"   | 3,15 | 1,18 | 1,18 | 1,38 | 2,91 | 0,47                  | 0,04 | 4,72  | 4,96  | 0,53            | 0,06 | 4,72  | 4,96  | 1,81          |
| 3/8"   | 3,15 | 1,18 | 1,18 | 1,38 | 2,91 | 0,51                  | 0,06 | 4,92  | 5,16  | 0,68            | 0,06 | 4,92  | 5,16  | 1,85          |
| 1/2"   | 3,94 | 1,97 | 1,97 | 3,07 | 3,90 | 0,75                  | 0,06 | 6,73  | 7,01  | 0,84            | 0,06 | 6,89  | 7,17  | 4,41          |
| 3/4"   | 3,94 | 1,97 | 1,97 | 3,07 | 3,90 | 0,91                  | 0,06 | 6,89  | 7,17  | 1,06            | 0,06 | 6,89  | 7,17  | 4,41          |
| 1"     | 4,72 | 2,95 | 2,76 | 3,78 | 5,04 | 1,14                  | 0,06 | 7,56  | 8,07  | 1,33            | 0,08 | 7,56  | 8,07  | 8,60          |
| 1 1/4" | 4,72 | 2,95 | 2,76 | 3,78 | 5,04 | 1,38                  | 0,06 | 8,19  | 8,46  | 1,67            | 0,08 | 8,19  | 8,46  | 8,60          |
| 1 1/2" | 5,71 | 4,13 | 3,74 | 4,96 | 6,46 | 1,61                  | 0,06 | 10,83 | 11,61 | 1,90            | 0,08 | 10,83 | 11,61 | 19,84         |
| 2"     | 6,69 | 5,12 | 4,49 | 4,96 | 6,46 | 2,09                  | 0,06 | 11,22 | 12,09 | 2,37            | 0,08 | 11,22 | 12,09 | 23,15         |
| 2 1/2" | 6,69 | 5,12 | 4,49 | 4,96 | 6,46 | 2,76                  | 0,08 | 11,61 | 12,48 | 3,00            | 0,10 | 11,61 | 12,48 | 24,69         |

## Manual Actuator

| DN     | A    | B    | C    | F    | D                     | s    | H    | H1   | D               | s    | H    | H1   | Weight<br>lbs |
|--------|------|------|------|------|-----------------------|------|------|------|-----------------|------|------|------|---------------|
|        |      |      |      |      | DIN 11850<br>Series 2 |      |      |      | DIN 2463<br>ISO |      |      |      |               |
| 1/4"   | 3,15 | 1,18 | 1,18 | 1,18 | 0,47                  | 0,04 | 2,56 | 2,87 | 0,53            | 0,06 | 2,64 | 2,87 | 0,37          |
| 3/8"   | 3,15 | 1,18 | 1,18 | 1,18 | 0,51                  | 0,06 | 2,83 | 3,27 | 0,68            | 0,06 | 2,83 | 3,27 | 0,44          |
| 1/2"   | 3,94 | 1,97 | 1,97 | 1,85 | 0,75                  | 0,06 | 4,49 | 4,88 | 0,84            | 0,06 | 4,49 | 4,88 | 1,74          |
| 3/4"   | 3,94 | 1,97 | 1,97 | 1,85 | 0,91                  | 0,06 | 4,49 | 4,88 | 1,06            | 0,06 | 4,49 | 4,88 | 1,74          |
| 1"     | 4,72 | 2,95 | 2,76 | 2,72 | 1,14                  | 0,06 | 5,91 | 5,91 | 1,33            | 0,08 | 5,91 | 5,91 | 4,41          |
| 1 1/4" | 4,72 | 2,95 | 2,76 | 2,72 | 1,38                  | 0,06 | 6,54 | 6,54 | 1,67            | 0,08 | 6,54 | 6,54 | 4,41          |
| 1 1/2" | 5,71 | 4,13 | 3,74 | 6,10 | 1,61                  | 0,06 | 8,31 | 8,31 | 1,90            | 0,08 | 8,31 | 8,31 | 8,38          |
| 2"     | 6,69 | 5,12 | 4,49 | 6,10 | 2,09                  | 0,06 | 8,70 | 8,70 | 2,37            | 0,08 | 8,70 | 8,70 | 11,24         |
| 2 1/2" | 6,69 | 5,12 | 4,49 | 6,10 | 2,76                  | 0,08 | 9,29 | 9,29 | 3,00            | 0,10 | 9,29 | 9,29 | 12,79         |

All dimensions in inch, E\* effective actuator diameter

Data sheet 7060usa/ Version: 05-09-2006