





SKU: PE5246

-  VOLT Economic Pneumatic Actuated Wafer Butterfly Valve
-  VOLT Wirtschaftliche Pneumatische Betätigt Wafer-Klappe
-  VOLT Válvula de mariposa Wafer económica de accionamiento neumático
-  VOLT Économique pneumatique Actionné Wafer vanne papillon

Valves[™]
O N L I N E

- 2" - 12" Pneumatic Spring Return & Double Acting Butterfly Valve
- 2" - 12" pneumatische Feder & Double Acting Absperrklappe
- 2" - 12" neumático de retorno por resorte y la válvula de mariposa doble acción
- 2" - 12" à ressort de rappel et double vanne papillon par intérim

**Economy
Pneumatic
Actuated Butterfly
Valve
WAFER PATTERN**



- **Economical Solution for Isolation**
- **2" to 12"**
- **Spring Close (Fail Safe), Double acting**
- **Easy to Fit Pilot Solenoids and Switchboxes**

An economical, general purpose spring return and double acting pneumatically operated wafer pattern butterfly valve. Epoxy coated ductile iron body with stainless steel disc and shaft and EPDM liner. Suitable to fit between PN10/16 and ANSI 150 flanges.

The pneumatic quarter turn rack and pinion actuator is designed for process and industrial use and has been sized with 30% safety factor and requires a pilot pressure of 5.5 bar. The actuator has Namur interface for both pilot solenoid valve and switchbox.

Typical Applications: Used for general purpose and water applications.

Easy to Maintain, Reliability - Robustness, High Duty cycle.



Description

An economical pneumatically actuated wafer butterfly valve, suitable to fit in between flanges PN6/10/16, ANSI 150, Table D/E. Valve rated to PN16 with a iron body, stainless steel disc and EPDM Liner. Actuators are offered in Single and Double acting which are manufactured from aluminium and have a hard anodised finish. Designed to the latest ISO/NAMUR standards and are ATEX approved.



Beschreibung

Eine wirtschaftliche pneumatisch betätigte Wafer Drosselklappe, geeignet zwischen Flanschen passen
PN6 / 10/ 16 ANSI 150. Ventil bewertet PN16 mit einem Gusseisenkörper, Edelstahlscheibe und EPDM- Liner. Die Antriebe werden in einfach- und doppelwirkenden angeboten, die aus Aluminium gefertigt und haben eine harte eloxiert. Entwickelt, um den neuesten ISO / NAMUR -Standards und sind ATEX zugelassen







Descripción

Una válvula de mariposa oblea de accionamiento neumático económico, adecuado para encajar entre las bridas
PN 6 / 10 / 16, ANSI 150. Nominal de la válvula PN16 con un cuerpo de hierro fundido, disco de acero inoxidable y EPDM Liner. Los actuadores se ofrecen en individual y doble efecto que se fabrican a partir de aluminio y tienen un acabado anodizado duro. Diseñado para los últimos estándares de la ISO / NAMUR y están aprobados ATEX.



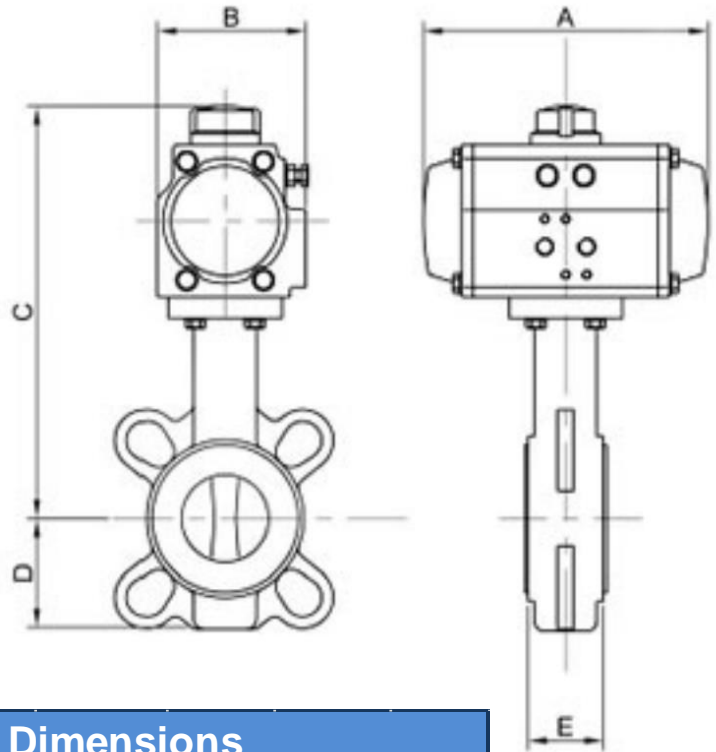
Description

Une vanne papillon à commande pneumatique plaque économique, apte à insérer entre les brides
PN6 / 10/16, ANSI 150, Tableau. Valve nominale PN16 avec un corps en fonte, disque en acier inoxydable et EPDM Liner. Actionneurs sont offerts en simple et double effet qui sont fabriqués à partir d'aluminium et ont une finition anodisée. Conçu pour les dernières normes ISO / NAMUR et sont ATEX.

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Economical Pneumatic Actuated Butterfly Valves





Volt - PE4237 Series actuated butterfly valves are designed to meet the demanding needs of todays process flow control requirements. Volt Actuated valve packages are strictly inspected during assembly and each unit is 100% tested before delivery.



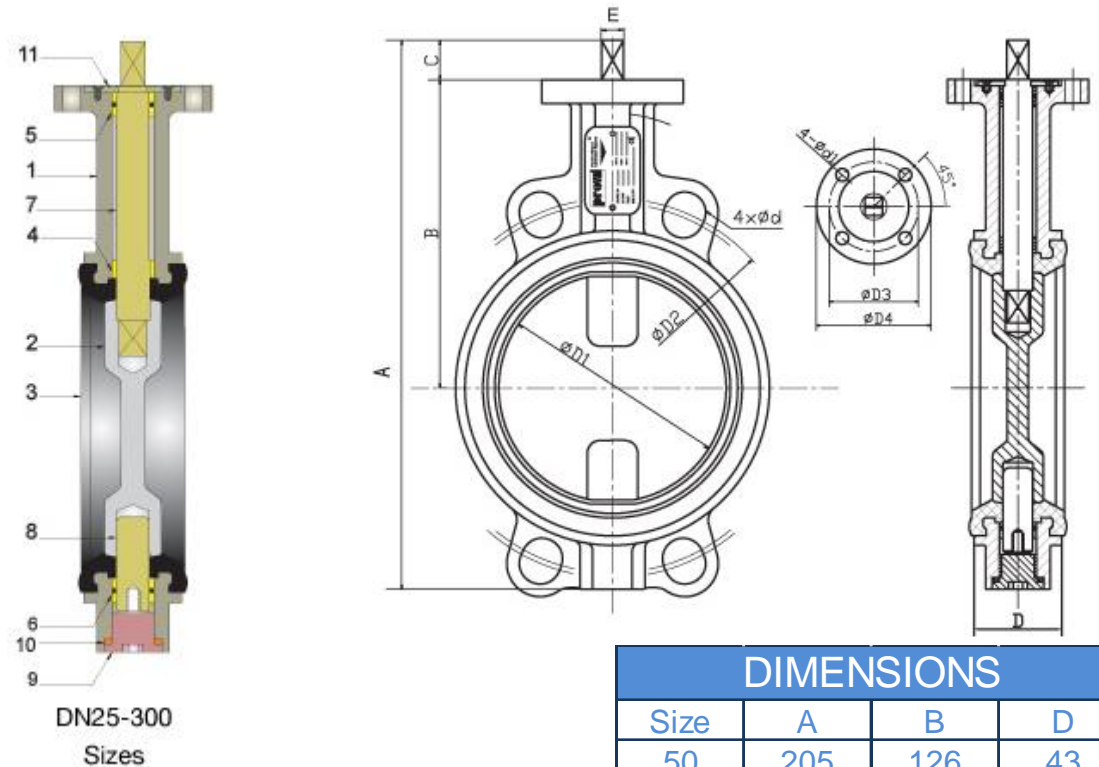
Dimensions shown are for guidance only

| Spring Return - Dimensions | | | | | | |
|----------------------------|----------|-----|-----|-----|-----|----|
| VALVE | ACTUATOR | A | B | C | D | E |
| 2" (50mm) | HP63S | 163 | 85 | 233 | 63 | 43 |
| 2 1/2" (65MM) | HP66S | 202 | 85 | 240 | 69 | 46 |
| 3" (80mm) | HP75S | 210 | 96 | 274 | 78 | 46 |
| 4" (100mm) | HP88S | 247 | 108 | 306 | 106 | 52 |
| 5" (125mm) | HP100S | 268 | 123 | 329 | 115 | 56 |
| 6" (150mm) | HP115S | 316 | 141 | 362 | 128 | 56 |
| 8" (200mm) | HP145S | 414 | 172 | 447 | 160 | 60 |
| 10" (250mm) | HP160S | 467 | 190 | 484 | 190 | 68 |
| 12" (300mm) | HP180S | 497 | 206 | 551 | 235 | 78 |

| Double Acting - Dimensions | | | | | | |
|----------------------------|----------|-----|-----|-----|-----|----|
| VALVE | ACTUATOR | A | B | C | D | E |
| 2" (50mm) | HP50D | 144 | 72 | 219 | 63 | 43 |
| 2 1/2" (65MM) | HP50D | 144 | 72 | 226 | 69 | 46 |
| 3" (80mm) | HP63D | 163 | 85 | 257 | 78 | 46 |
| 4" (100mm) | HP66D | 202 | 85 | 277 | 106 | 52 |
| 5" (125mm) | HP75D | 210 | 96 | 305 | 115 | 56 |
| 6" (150mm) | HP88D | 247 | 108 | 332 | 128 | 56 |
| 8" (200mm) | HP115D | 316 | 141 | 404 | 160 | 60 |
| 10" (250mm) | HP125D | 347 | 151 | 437 | 190 | 68 |
| 12" (300mm) | HP145D | 414 | 172 | 509 | 235 | 78 |

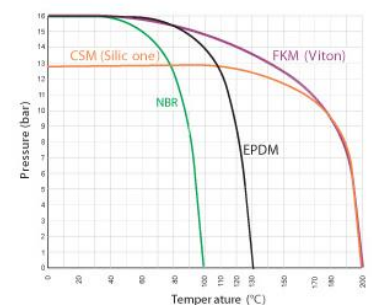
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Economical Pneumatic Actuated Butterfly Valves



| DIMENSIONS | | | |
|------------|-----|-----|----|
| Size | A | B | D |
| 50 | 205 | 126 | 43 |
| 65 | 218 | 133 | 46 |
| 80 | 244 | 150 | 46 |
| 100 | 295 | 170 | 52 |
| 125 | 321 | 181 | 56 |
| 150 | 349 | 196 | 56 |
| 200 | 428 | 238 | 60 |
| 250 | 487 | 258 | 68 |

| Part No. | Name | Material |
|----------|-----------|------------------------------|
| 1 | Body | Rilsan Coated GG25 Cast Iron |
| 2 | Disc | AISI316 Stainless Steel |
| 3 | Seat | EPDM (-30°C - +130°C) |
| 4, 5, 6 | Bushing | Bronze PTFE |
| 7 | Shaft up | Stainless steel |
| 8 | Shaft low | Stainless steel |
| 9 | Cap | Carbon Steel |
| 10 | O Ring | NBR (-20°C - +110°C) |



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Economical Pneumatic Actuated Butterfly Valves

- Powerful quarter turn rack and pinion actuator
- Single acting (spring close or open)
- Double acting
- Namur interfaces

Rack & Pinion pneumatic actuators are specifically designed for use with quarter-turn valves. The wide torque range ensures that our actuators match the operational characteristics of plug, ball or butterfly valves; or any device requiring precise and reliable 90° rotary motion.

Our pneumatic actuators offer a unique design, are constructed of high quality material and undergo 100% pressure, leak and rotation testing before despatch. The Result? An actuator, which will stand up to the most severe service conditions, and provide you with a reliable and cost effective means of valve operation.



SELECT YOUR PERFECT VALVE

| Technical - Actuator | |
|----------------------|--|
| Body material | Hard anodised extruded aluminium alloy |
| End Caps | Die cast aluminium epoxy coated |
| Spring | High tensile steel |
| Indicator | Open/Closed |
| Pinion shaft | Alloy steel nickle plated |
| Pinion Guides | Self Lubricating Polypropylene + GF |
| Piston seals | NBR steel |
| Specification | |
| Pressure range | 10 Bar |
| Double acting | 2.5 Bar - 8 Bar pilot pressure |
| Single acting | 2.5 Bar - 8 Bar pilot pressure |
| Temperture range | minus 20°C - 80°C |
| Movement | 90 Degree adjustable -5-+5 Degree |
| Lubrication | All moving parts are lubricated |
| Cycle Life | 1,000,000 operations |
| Approvals | EX, ATEX, CE, PED |



NAMUR PILOT SOLENOID VALVE

Optical and Remote Position Indicator (Switchbox)

