



Pneumatic Actuated WRAS Lugged Butterfly Valve

- *Double and Single Acting Pneumatic Actuator*
- *High flow rate*
- *Wetted parts WRAS Approved*
- *Lugged Pattern to fit on 16 Flanges*



Description

A strong efficient pneumatic actuated butterfly valve. Lugged and Tapped pattern suitable for fitting between PN16 flanges. Valve has a soft EPDM seat and stainless steel disc and shaft. Actuator supplied in single and double acting and has interface for fitting solenoid and switchbox. Actuator fitted with position indicator and end stops as standard and is directly mounted onto the valve.



Beschreibung

Eine starke effiziente pneumatische betätigte Drosselklappe. Schleppten und Gewindemustergesamt zum Einbau zwischen Flansche PN16. Ventil hat einen weichen EPDM Sitz und Edelstahlscheibe und Welle. Aktor in einfach und doppelt wirkende versorgt und verfügt über Schnittstelle zur Montage Magnet und Schaltkasten. Antrieb mit Lagemelder und Ende angebracht hält als Standard und wird direkt auf das Ventil montiert.



Descripción

Un neumático eficiente fuerte acciona la válvula de mariposa. Tacos y el patrón roscado adecuado para el montaje entre bridas PN16. Válvula tiene un asiento de EPDM suave y disco de acero inoxidable y el eje. Actuador suministrado en la actuación individual y doble y tiene interfaz para solenoide montaje y caja de distribución. Actuador equipado con indicador de posición y topes de serie y se monta directamente en la válvula.



Description

Une forte pneumatique efficace actionné vanne papillon. Crantée et le modèle taraudé adapté pour le montage entre brides PN16. A un siège de vanne en EPDM souple et le disque en acier inoxydable et l'arbre. Actionneur fourni en simple et double effet et possède une interface pour solénoïde montage et boîtier de commande. Actionneur équipé d'indicateur de position et butées en standard et est monté directement sur la vanne.

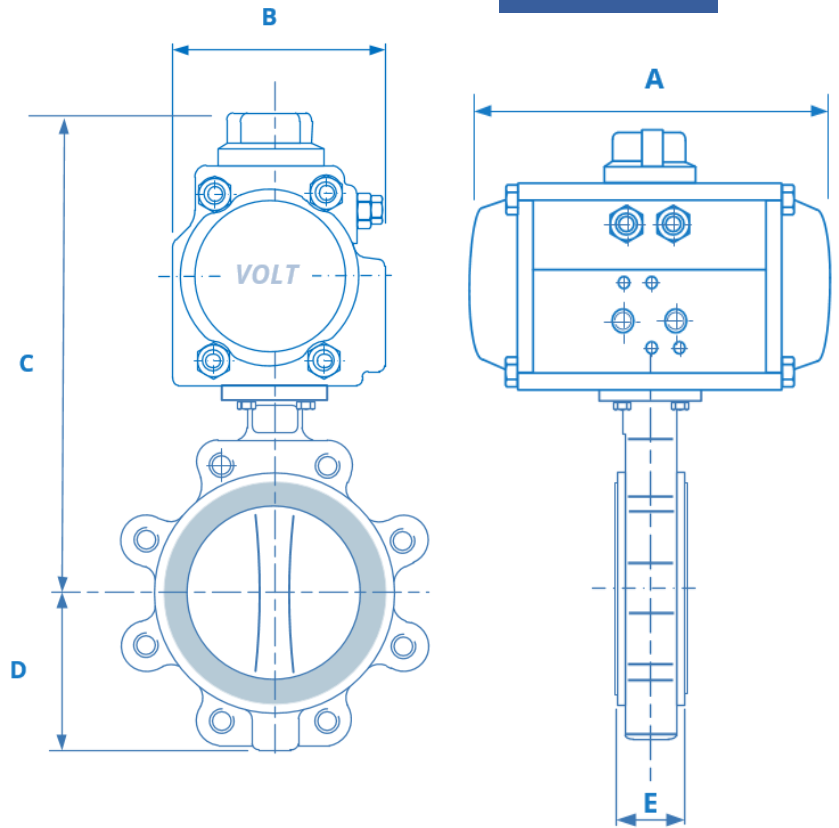
The VOLT pneumatic actuated butterfly valve is suitable for use on potable water and the valve carries a WRAS Approval. The valve is a Lugged and Tapped pattern design which will fit onto PN16 flanges. It has an epoxy coated ductile iron body, a stainless steel disc and shaft with an EPDM liner. The actuators are manufactured from aluminium, have a hard anodised finish and are ATEX approved/CE marked. All actuators are designed to the latest ISO/NAMUR standards which allow direct mounting of pilot solenoids and switchboxes. This valve is commonly used for applications such as 'End of Line Duty' or fitted before a pump for maintenance isolation.



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- This robust and dependable valve has a Stainless Steel 316 Disc and EPDM Liner.
- Used in water distribution and supply. It has main European approvals and can be found in water treatment being suitable for most fluids of general service.



| Pressure / Temperature | |
|------------------------|---|
| Pressure | 1 1/2" - 12" - PN16 |
| | 14" - 24" - PN10 |
| Temperature | EPDM -10 °C to 120 °C This Product is WRAS Approved |

NOTE! 4", 6" and 12" valves are not direct mount and require a mounting Box Kit
4" and 6" 50 mm additional height
and 12" 100 mm

| SPRING RETURN - DIMENSIONS | | | | | | | |
|----------------------------|----------|-----|-----|-----|-----|----|----------|
| VALVE | ACTUATOR | A | B | C | D | E | n x m |
| 2" (50mm) | HP66S | 202 | 85 | 213 | 63 | 43 | 4 x M16 |
| 2 1/2" (65MM) | HP88S | 247 | 100 | 252 | 69 | 46 | 4 x M16 |
| 3" (80mm) | HP88S | 247 | 108 | 266 | 78 | 46 | 4 x M16 |
| 4" (100mm) | HP100S | 260 | 132 | 298 | 106 | 52 | 8 x M16 |
| 5" (125mm) | HP115S | 316 | 172 | 331 | 115 | 56 | 8 x M16 |
| 6" (150mm) | HP145S | 414 | 190 | 359 | 131 | 56 | 8 x M16 |
| 8" (200mm) | HP160S | 467 | 190 | 409 | 166 | 60 | 8 x M16 |
| 10" (250mm) | HP180S | 497 | 206 | 487 | 202 | 68 | 12 x M20 |
| 12" (300mm) | HP200S | 555 | 227 | 539 | 235 | 80 | 12 x M24 |

| DOUBLE ACTING - DIMENSIONS | | | | | | | |
|----------------------------|----------|-----|-----|-----|-----|----|----------|
| VALVE | ACTUATOR | A | B | C | D | E | n x m |
| 2" (50mm) | HP63D | 163 | 85 | 213 | 63 | 43 | 4 x M16 |
| 2 1/2" (65MM) | HP63D | 163 | 85 | 223 | 69 | 46 | 4 x M16 |
| 3" (80mm) | HP66D | 202 | 85 | 237 | 78 | 46 | 4 x M16 |
| 4" (100mm) | HP75D | 210 | 96 | 274 | 106 | 52 | 8 x M16 |
| 5" (125mm) | HP88D | 247 | 108 | 326 | 115 | 56 | 8 x M16 |
| 6" (150mm) | HP100D | 268 | 123 | 334 | 131 | 56 | 8 x M16 |
| 8" (200mm) | HP115D | 316 | 141 | 370 | 166 | 60 | 8 x M16 |
| 10" (250mm) | HP145D | 414 | 172 | 445 | 202 | 68 | 12 x M20 |
| 12" (300mm) | HP160D | 467 | 190 | 486 | 235 | 80 | 12 x M24 |

**AP9000
Pilot Solenoid Valve**



APL Switchbox



All information is sourced from our manufacturer's data and is intended for guidance only - ValvesOnline can accept no liability for changes, omissions or errors.

- 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.

| 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 |
| Temperature 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 |



DESCRIPTION

VOLT- WRAS Approved general purpose wafer butterfly valve. Blue epoxy coated ductile iron body. EPDM Liner, Stainless steel Disc, notched (throttling) locking lever operator up to 12", with gearbox operation above 12". The valve has an ISO 5211 top works for direct mount of electric or pneumatic actuators. Rated PN16 up to 12" and PN10 for 14" and above, Complies with 97/23/CE (PED) Directive CE 1115

| Material List | |
|------------------|---------------------------------|
| Body | Epoxy Coated Ductile Iron |
| Disc | Stainless Steel |
| Liner | EPDM, (Options NBR, FKM, PTFE) |
| Shaft | Stainless Steel |
| Bushing | PTFE |
| Washer | Galvanised Carbon Steel |
| Circlip ISO 3075 | Steel |
| O-Ring | Viton |
| Bolts | Galvanised Carbon Steel |



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