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Art. “PET”- SHUTTER ANGLE VALVE IN STAINLESS STEEL AISI 316 FOR HIGH PRESSURE



DESCRIPTION

Valve with flat shutter closing.

The closing is carried out through the piston stem, at whose end the virgin PTFE seal is directly applied, therefore the stem becomes also closing shutter.

The body valve is made in stainless steel AISI 316.

Pneumatic actuator with reciprocating piston movement,

Its very simple construction and the components employed guarantee a long life, high differential pressure even with the high operating frequencies.

Perfect airtight.

It is manufactured only in DOUBLE ACTING version.

The spring inside has only the purpose to cushion the opening when high pressure is intercepted.

Connections with inner GAS ISO 228 thread female-female.

Control air 1/4” GAS connection.

ALLOWABLE TEMPERATURES

Operating temperature: from -20°C to +100°C

PILOT PRESSURE: Max 8 bar.

VERSIONS AND SIZES

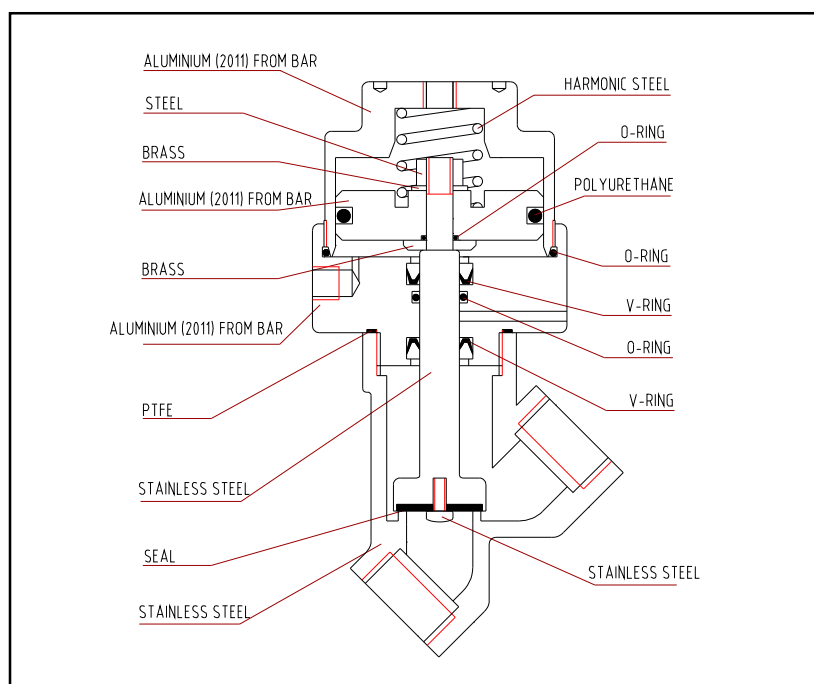
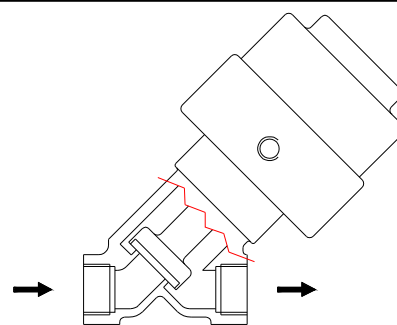
DA: 1/2” - 3/4”

ANODIZING TREATMENT ON OUTSIDE DETAILS

MADE IN ALUMINIUM

It is **not subject** to the “Water Hammer” if the fluid pass through the valve in the direction of the arrow printed on the body (under the actuator).

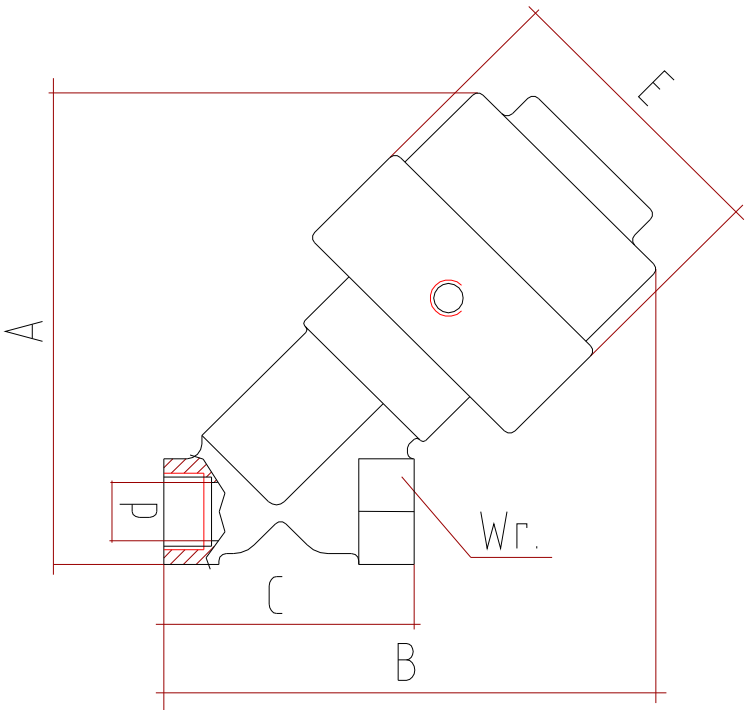
With these conditions the tightness is guaranteed up to the pressures shown in the Differential Pressure Chart.



Art. "PET"

DIFFERENTIAL PRESSURE CHART

| PILOT PRESS. | DeltaP bar | DeltaP bar |
|-----------------|---------------|---------------|
| bar | 1/2" | 3/4" |
| 2 | 27 | |
| 2.5 | 32 | |
| 3 | 36 | 21 |
| 3.5 | 42 | 24 |
| 4 | | 28 |
| 5 | | 35 |
| 6 | | 42 |



OVERALL DIMENSIONS

| DN | G | A | B | C | d | E | Wrench | Weight |
|----|------|-----|-----|-----|-----|-----|--------|--------|
| | | mm. | mm. | mm. | mm. | mm. | mm. | gr. |
| 15 | 1/2" | 129 | 136 | 68 | 15 | 77 | 29 | 1100 |
| 20 | 3/4" | 136 | 139 | 79 | 20 | 77 | 38 | 1300 |