

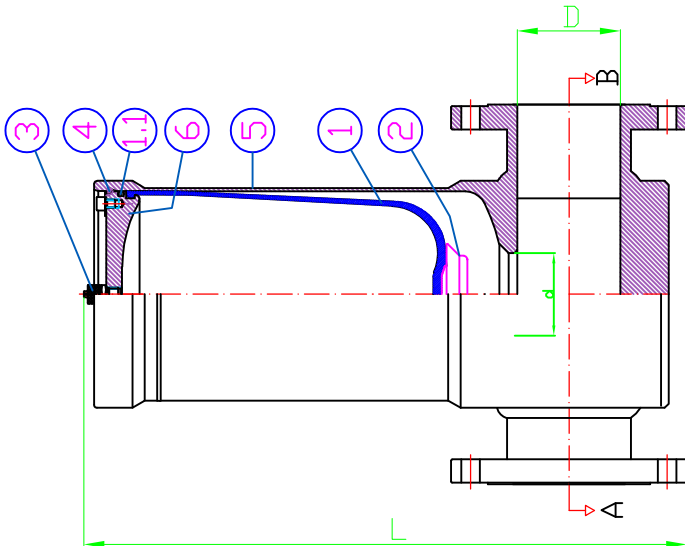
FOR HIGHER PRESSURES AND OTHERS PORTS CONNECTIONS PLEASE CONSULT

ORDER EXAMPLE: U250 A02 V 2 AI

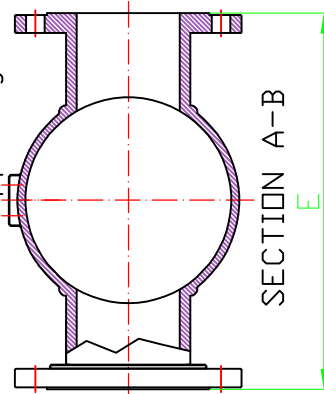
Capacity; 25 litres
 A02≅20 bar
 V=FKM rubber bladder

Body & insert material: AISI316L
 2 port connections

A04≅40BAR
 A03≅30BAR
 A02≅20BAR



For Supporting



| PULSATION DAMPER REF. | VOLUME (litres) | DESIGN PRESSURE (bar @ 50°C) | D (mm) | L (mm) | ANSI flange 150# | d (mm) |
|-----------------------|-----------------|------------------------------|--------|--------|------------------|--------|
| U015 | 1.5 | 40 | 25 | 315 | 1" | 25 |
| U030 | 2.6 | 30 | 50 | 370 | 1-1/2" | 50 |
| U060 | 5.6 | 40 | | 528 | 2-1/2" | |
| U100 | 10.4 | 30 | 100 | 585 | 4" | 80 |
| U150 | 15 | | | 798 | | |
| U250 | 25 | 20 | 150 | 875 | 6" | 100 |

| BLADDER RUBBERS | N=NITRILE, B= BUTYL E=EPDM, V=FKM | N | B | E | V |
|---------------------------------------|-----------------------------------|------------|-------------|-------------|-------------|
| RUBBERS MAX.WORKING TEMPERATURES (°C) | | +80 -15 | +100 -30 | +130 -30 | +200 -20 |

CHARGING WITH GAS, AND MOUNTING POSITION: VERTICAL, VALVE ③ UP
 THE MAX. WORKING TEMPERATURES VALUES CAN BE REDUCED DEPENDING UPON THE LIQUID IN CONTACT AND TIME OPERATION

| | | | |
|-----|----------------|-----|------------------------|
| 6 | COVER | 1 | AISI 316L |
| 5 | BODY | 1 | AISI 316L |
| 4 | RETAINING RING | 1 | DIN17224 (AISI 316) |
| 3 | CHARGING VALVE | 1 | AISI 316L (1/4"Gas) |
| 2 | INSERT | 1 | AISI 316L |
| 1.1 | O- RING | 1 | NBR, BUTYL, EPDM & FKM |
| 1 | BLADDER | 1 | NBR, BUTYL, EPDM & FKM |
| N° | DENOMINATION | QT. | MATERIALS |

TOLERANCES:
 EXTERNAL DIMENSIONS: ± 2 %
 VOLUME: ± 1.5%

| WORKING TEMPERATURES VERSUS WORKING PRESSURES ** | |
|--|-------|
| FOR A TEMPERATURE OF | 80°C |
| " | 100°C |
| " | 130°C |
| " | 200°C |

CORRESPOND THE W.P.DESIGN x 0,87
 " W.P.DESIGN x 0,82
 " W.P.DESIGN x 0,78
 " W.P.DESIGN x 0,68

** wall thickness calculation according to EN 14359 code
 Hydrostatic test pressure @ 1.5 * Design pressure @ 20°C