

Instrument Valves & Manifolds

The Astava line of instruments offers the following unique features which enable tailoring high-quality products to the exact requirement of the customer and provides an unequivocal benefit to the solution capabilities of Vector.

NACE MR-01-75 / MR-01-03

All manifolds comply with NACE MR-01-75 / MR-01-03 standards.

FULL TRACEABILITY

All products are fully traceable to their components.

WIDE VARIETY OF SEALING MATERIALS

PTFE; Grafoil®; Fluorocarbon FKM; NBR; EPDM; Silicon; and per uorelastomer providing a wide coverage of applications.

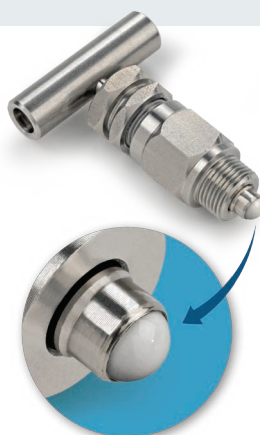
Core Differentiation:

Hard Seat + Gas Tight Seal

Offered as Standard
Proven In-Field Use

CERAMIC STEM BALL TIP Al_2O_3

Superior hardness prevents deformation of the sealing tip and wear, significantly increasing the lifetime of the product for isolation purposes.



BONNET SELECTIONS

O-ring stem-seal bonnet

1. No packing adjustment
2. Extremely low operating torque
3. Compact design
4. Long life-cycle
5. Sealing below stem thread
6. Metal-to-metal bonnet option

Packing stem-seal bonnet

1. Wide chemical compatibility range
2. High temperature option (Grafoil®)
3. Low operating torque
4. Sealing below stem thread

STEM MATERIAL

ST. ST. 316 Ti with chromium carbide diffusion coating

1. Long life-cycle
2. Galling prevention

MONOFLANGES



Sizes

- Up to 4" / 10.000 PSI According to
- ASME B16.5
 - API
 - EN 1092.1

Material

- AISI 316(L)
- Alloy 400
- Alloy C-276
- Alloy 625/825
- Duplex
- Titan
- Additional exotic

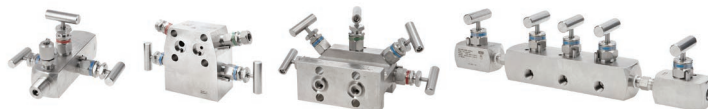


INSTRUMENT ENCLOSURES



FEATURES

- Certified for ISO 15848-1:2006(E), (With PEEK or Polyimide seals)
- Blowout-proof stem
- Integrated back seat on stem for a secondary seal in the fully opened position
- Safety stop pin – prevents the bonnet from detaching the body due to vibration
- Stem seals below stem threads
- A choice of O-ring materials
- Oxygen clean per ASTM G-93 as an option
- 100% Factory Tested Compliance with MSS-SP-99
- Direct mount angle design per IEC61518 (MAWP 6000 psig)
- Working pressure range up to 690 bar (10,000 psig)
- Working Temperature range up to 550°C (1022°F)



FLUSHING RINGS



SUNSHADES



ASTAVA
Instrument valves & manifolds

