Low pressure multiturn valves, bellows seal type, for high purity reactive gases, manually actuated

KEY FEATURES
- Fully contained seat
- Electronic beam or laser welded bellows ensure high tightness integrity
- Optional metal to metal sealing to atmosphere
- Reduced gas absorption and desorption from seal material
- Secondary sealing through O-ring to prevent atmospheric contamination in case of bellows failure
- Checkport allows on line monitoring of bellows tightness
- Visual indication of valve position (open/closed)

STANDARD SPECIFICATION
- Working pressure pmax: 30 bar/435 psi
- Temperature range: -20°C to +100°C
- Helium leak rate: at pmax:
  - internal: 10⁻⁹ mbar/sec
  - external: 10⁻⁹ mbar/sec
- Flow coefficient Cv: K308: 0.78
- Nominal seat diameter: 8 mm
- Weight: 0.400 kg
- Material:
  - body: 316 L
  - bellows: 316 L
  - seat: PCTFE
**BASIC MODELS**
- Butt weld connections
- Surface finish Ra 0.4μm
- High purity cleaning according oxygen type
- Passivation
- Back mounting

**OPTIONS**
- **GAZEL®/VCR® connection**
- Purge ports GAZEL®/VCR® 1/4"'
- Electropolished surfaces Ra 0.2 μm or 0.4 μm (ex: EP 0.2)
- Microcleaning for high purity application according to ST-020
- Vespel seat - Stainless steel seat
- Front or back panel mounting (Ref: FT or FP)

**ORDERING**
When ordering, please specify:
- Typenumber
- Connections
- Type of gas
- Example: K 308 - I/K - MGAZEL®/VCR® 3/8" - MGAZEL®/VCR® 3/8" - EP 0.4 - Oxygen (See attached order template)