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

**KEY FEATURES**
- Small gas absorption and desorption from seal material
- Fully contained seat
- Double walled, electronic shooting or laser welded bellows ensure high leak tightness integrity
- Metal to metal sealing to atmosphere
- Secondary sealing through PCTFE packing prevents atmospheric contamination in case of bellows failure
- Checkport allows on line monitoring of bellows tightness
- p/visual indication of valve position (open/closed)

**STANDARD SPECIFICATION**
- **Working pressure pmax**: 200 bar/2900 psi
- **Temperature range**: -20°C to +80°C
- **Helium leak rate** at pmax:
  - internal: 10⁻⁹ mbar/sec
  - external: 10⁻⁹ mbar/sec
- **Flow coefficient Cv**: 0.72-1.02-1.9
- **Nominal seat diameter**: 6, 8, 12 mm
- **Weight**: See characteristics
- **Material**
  - body: 316 L
  - bellows: 316 L
  - seat: PCTFE
OPTIONS
- GAZEL ®/VCR® connections
- Purge ports GAZEL ®/VCR®
- 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
- Electric limit switches (Ref: MRE2)

ORDERING
When ordering, please specify:
- Series number
- Connections
- Type of gas
- Example: HP 2008 - I/K - BW 3/8" - BW 3/8"- EP 0.4 - Oxygen (See attached order template)

CHARACTERISTICS
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<th>Valves</th>
<th>DN</th>
<th>Cv</th>
<th>Weight kg</th>
<th>L</th>
<th>ØB</th>
<th>ØV</th>
<th>Open</th>
<th>Closed</th>
<th>G</th>
<th>H</th>
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Other dimensions upon request