



SELFA

A total component solution, from source to process

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



ND4, ND6, ND8 ?

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 mbarl/sec
• external	10 ⁻⁹ mbarl/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



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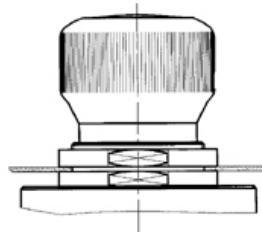


BASIC MODELS

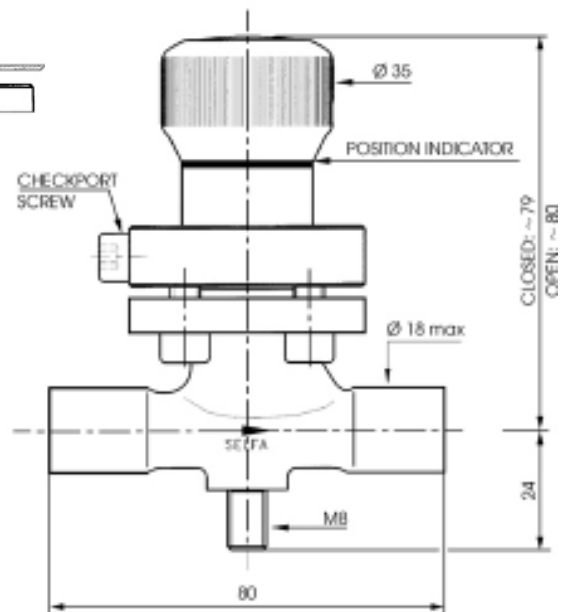
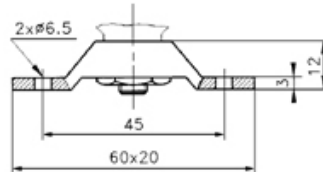
- Butt weld connections
- Surface finish Ra 0.4µm
- High purity cleaning according oxygen type
- Passivation
- Back mounting

FRONT MOUNTING
Ref: FT

Boring ø31



BACK MOUNTING
Ref: FP



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)

TABLEAU INOX / BRASS

ORDERING

When ordering, please specify:

- Typenumber
- Connections
- Type of gas
- Example: K 308 - 1/K - MGAZEL[®]/VCR[®] 3/8" -MGAZEL[®]/VCR[®] 3/8" - EP 0.4 - Oxygen (See attached order template)



www.rotarex.com

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**ISO 9001
CERTIFIED**

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*All GAZEL[®] Face Seals are VCR[®] compatible. VCR[®] is a registered trade mark of CAJON CO., HASILOY[®] is a registered trade mark of CABOT Corp., Kei-F[®] is a registered trade mark of 3M company, Vespel[®] is a registered trade mark of DUPONT, ELGILLOY[®] is a registered trade mark of ELGILLOY Company.

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