



SELFA

A total component solution, from source to process

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



ND4, ND6, ND8 ?



KEY FEATURES

- Fully contained seat
- Electronic beam or laser welded bellows ensure high leak tightness integrity
- Reduced gas absorption and desorption from seal material
- Metal to metal sealing to atmosphere
- Secondary sealing through NITRILE packing prevents atmospheric contamination in case of bellows failure
- Checkport allows on line monitoring of bellows tightness
- Visual indication of valve position (open/closed)
- Normally closed (NF)
- Actuator operating pressure: 5-7 bar

STANDARD SPECIFICATION

Working pressure pmax	30 bar/435 psi
Temperature range	-20°C to +80°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	6-8 mm
Weight	1 kg
Material	
• body	316 L
• bellows	316 L
• seat	PCTFE
• actuator	black anodized aluminium



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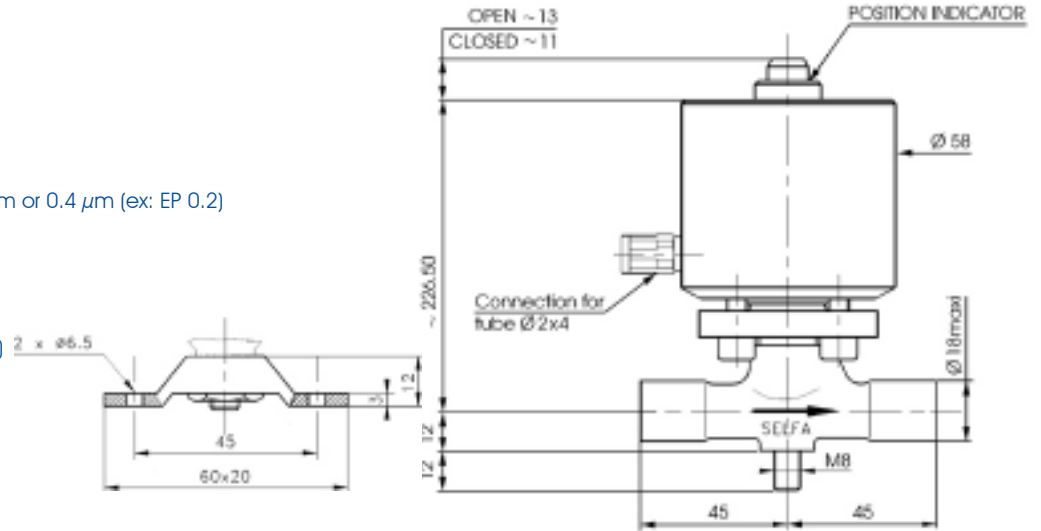
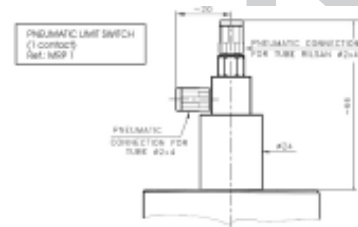
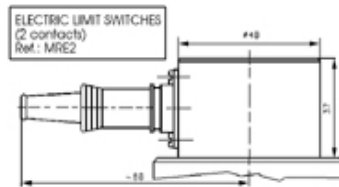
308-PP50

BASIC MODELS

- Butt weld connections
- Surface finish Ra 0.4µm
- High purity cleaning
- Passivation
- Back mounting (M8)

OPTIONS

- Electropolished surfaces Ra 0.2 µm or 0.4 µm (ex: EP 0.2)
- Body brass
- Vespel seat, stainless steel seat
- Back panel mounting (Ref: FP)
- Electric limit switches (Ref: MRE2)
- Pneumatic limit switch (Ref: MRP1)
- Normally open (NO)



ORDERING

When ordering, please specify:

- Series number
- Connections
- Type of gas
- Example: K308 PP50 NF - I/K - M GAZEL ®/VCR® 1/2" - M GAZEL ®/VCR® 1/2" - EP 0.2 -Oxygen (See attached order template)

Inlet - Outlet



www.rotarex.com

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**ISO 9001
CERTIFIED**

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