



SELFA

A total component solution, from source to process

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



KEY FEATURES

- Reduced gas absorption and desorption from seal material
- Fully contained seat
- Electronic shooting or laser welded bellows ensure high leak tightness integrity
- Metal to metal sealing to atmosphere
- Checkport allows on line monitoring of bellows tightness

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	2.7 - 34
Nominal seat diameter	12 - 50 mm
Weight	1.5 - 12.2
Material	
• body	316 L
• bellows	316 L
• seat	PCTFE



SELFA



BASIC MODELS

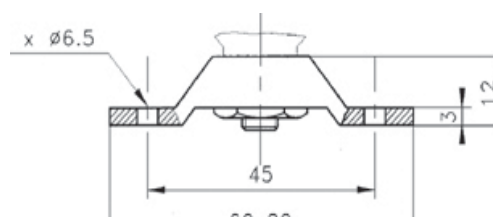
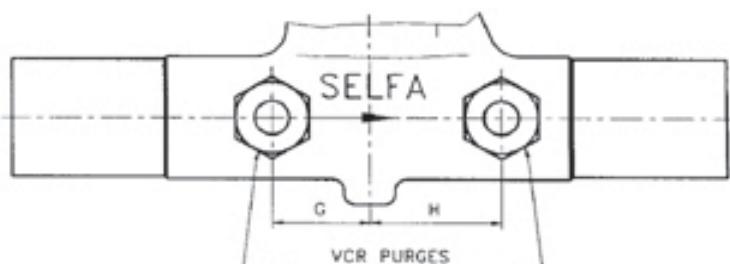
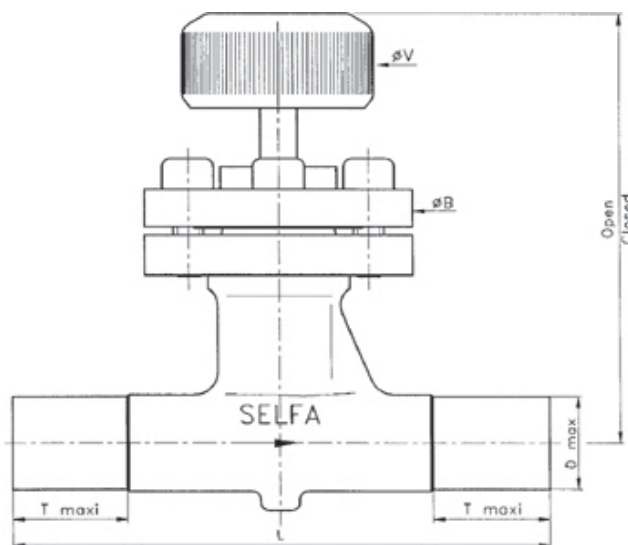
- Butt weld connections
- Surface finish Ra 0.4µm
- High purity cleaning
- Passivation

CHARACTERISTICS

See Valve Sizing Guide

OPTIONS

- Working pressure: 100 bar (1450 psi) for K 320
- GAZEL®/VCR® connections
- Purge ports right or left, male GAZEL®/VCR® 1/4" or 3/8", caps
- Electropolished surfaces Ra 0.2 µm or 0.4 µm (ex: EP 0.2)
- Microcleaning for high purity application according
- Vespel seat - Stainless steel seat, others on request
- Back panel mounting (only K312 and K320)
- Brass body



ORDERING

When ordering, please specify:

- Series number
- Connections
- Type of gas
- Example: K312 - I/K - MGAZEL®/VCR® 1/2" - MGAZEL®/VCR® 1/2" - EP 0.4 -Nitrogen (See attached order template)



www.rotarex.com

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**ISO 9001
CERTIFIED**

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