

CV - Series Check Valves

Standard Check Valves

Features

Design

Standard Moduline dimensions.
 Various fitting configurations.
 All tube connections are TIG orbital welded.
 Other lengths available.

Materials

Wetted area 316L Stainless Steel
 Gasket Viton, EPDM, Kalrez, Nitrile
 Surface finish $Ra \leq 0,4\mu m$; $Ra \leq 0,2\mu m$ on request

Ratings

Cracking Pressure

CHK 1/3 PSI	23 mb
CHK 1/2 PSI	34 mb
CHK 1 PSI	70 mb
CHK 2 PSI	138 mb
CHK 3 PSI	207 mb
CHK 5 PSI	345 mb

Flow Coefficient

Cv starting 0.18

Temperature

Operating 0°C to 70°C

Pressure

Operating Vacuum to 30 bar

Helium Leak Rate

External seating $<5.10^{-10}$ atm cm³/s
 Internal seating $<1.10^{-7}$ atm cm³/s

