

CH SERIES POPPET CHECK VALVES

Working Pressure: up to 6000 psi (413 bar)

Temperature Range: -40 to 400°F (-40 to 204°C)

End Connections:

Types: Tube fitting, NPT and ISO pipe

Sizes: 1/8" through 1" and 6, 8, 10 and 12mm

Standard Material: 316 SS with Fluorocarbon FKM O-ring.

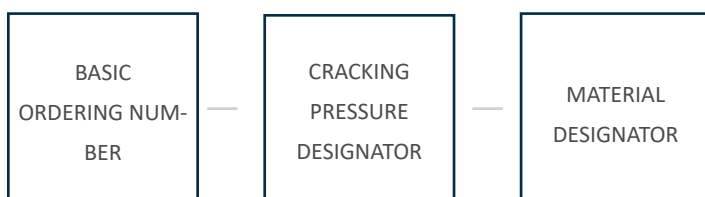
Other materials are available.

Cracking pressures: 1/3, 1, 5, 10 and 25 psi (0.2 to 1.7 bar)

100% factory tested:

Seat / Shell to 1000 psig with nitrogen

Cracking and resealing pressure verification



Cracking Pressure

Cracking Pressure psig	Designator
1/3	1/3
1	1
5	5
10	10
25	25

O-RINGS

Fluorocarbon FKM O-rings are the standard seal material on CH check valves. To order, non-standard O-rings insert the designator from the table below into the valve part number.

Example: CH4-D4-316-BN

MATERIAL	DESIGNATOR	TEMPERATURE RATING °F (°C)
Fluorocarbon FKM	Blank	-10 TO 400 (-23 to 204)
NITRILE	-BN	-20 TO 250 (-28 TO 121)
LOW-TEMP NITRILE	-NBR3	-40 TO 250 (-40 TO 121)
ETHYLENE PROPYLENE	-EP	-50 TO 250 (-45 TO 121)
KALREZ	-KZ	0 TO 400 (-17 TO 204)