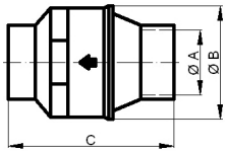
Axial check valves stainless steel
Series CH014

Design type	Poppet valve spring-loaded
Tightness	EN12266-1 Leakage rate B
Connection	G1/4"...G4" according to ISO228/1
Materials	Body and internal parts stainless steel 1.4401, Seal G1/4"...G11/2" PTFE, G2"...G4" FEP
Application range	Gases and liquids according to the "Fluid groups" table that do not attack the materials used.
Medium temperature	-20...+200°C
Operating pressure range	G1/4"...G1/2" 0,025...16bar, G3/4"...G4" 0,03...16bar, up to medium temperature 100°C, Permissible operating pressure for higher temperatures see pressure-temperature diagram
Flow direction	free in the direction of the arrow, blocked in the opposite direction
Mounting type	Installation in rigid piping system
Mounting position	any

Permissible fluid groups according to the Pressure Equipment Directive 2014/68/EU

Anschluss	Gases Group 1	Gases Group 2	Liquids Group 1	Liquids Group 2
G1/4"...G1"	X	X	X	X
G11/4"...G2"	-	X	X	X
G21/2"...G4"	-	-	X	X

Dimensions



A	B	C	Kv value [approx. m 3 /h]	Weight [approx. kg]	Type
G1/4"	32	56	2,5	0,11	CH014-14
G3/8"	32	56	3,2	0,10	CH014-38
G1/2"	32	56	6,0	0,10	CH014-12
G3/4"	44	74	10,8	0,13	CH014-34
G1"	53	90	18,7	0,25	CH014-10
G11/4"	66	101	31,5	0,37	CH014-114
G11/2"	78	120	40,5	0,53	CH014-112
G2"	89	121	66	0,70	CH014-20
G21/2"	113	141	100	1,43	CH014-212
G3"	132	164	141	2,09	CH014-30
G4"	167	191	215	3,42	CH014-40

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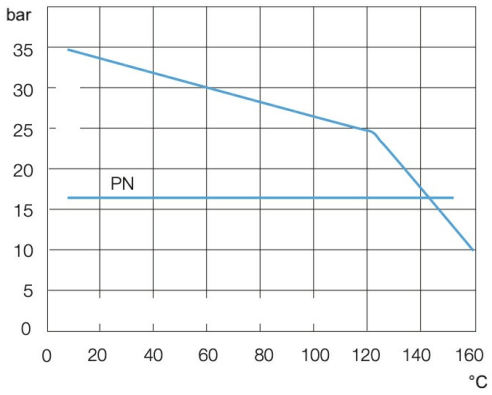
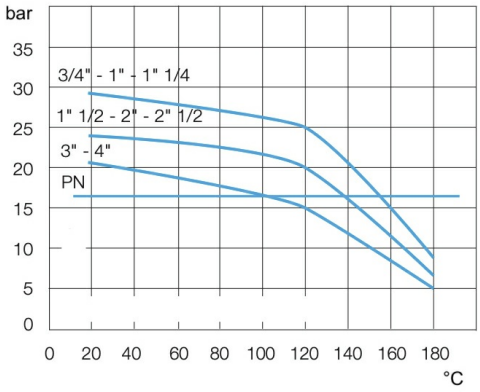
Pressure-temperature diagram

G1/4"...G1/2"



G3/4...G4"



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