N08
Non return (check) valve
G 1/4 ... G 1

Single piece design

Robust design

Simple maintenance

Variety of options for multiple applications

Technical features

Medium:
Liquids and gases
Maximum inlet pressure:
413 bar (6000 psi)
Lift pressure:
1 bar (14 psi) standard
0,2, 0,5, 2 or 3 bar optional
(2,9, 7,2, 29 or 43,5 psi optional)

Typical flow:
See table below
Port size:
G1/4, G 3/8, G 1/2 G3/4 or G 1 (standard)
3/8 NPT, 1/2 NPT or 3/4 NPT (on request)
Leakage:
Bubble tight (standard, typically 10^{-6} atm.cm^3/sec^{-1})
Helium leak tested to 10^{-8} atm.cm^3/sec^{-1} (on request)

Fluid/Ambient temperature:
-35 ... +100°C (-31 ... +212°F) standard
-25 ... +120°C (-13 ... +248°F) on request
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials
Body: stainless steel bs en 10088 1.4401
Spring: phosphated & oiled
Pad: nitrile
All other parts: steel zinc plated

Technical data

Symbol	Port size	Normal size	Kv (dm³/s)	Cv	Weight (kg)	Model
	G 1/4	3,5 mm	0,28	**0,32**	0,07	N08A9E1N
	G 3/8	7,5 mm	1,35	**1,60**	0,15	N08A9E2N
	G 1/2	9,5 mm	2,10	**2,40**	0,25	N08A9E3N
	G 3/4	11,5 mm	3,04	**3,54**	0,43	N08A9E5N
	G 1	15,3 mm	5,33	**6,20**	0,52	N08A9E6N

Option selector

N08A9E★★★★

Port size	Substitute
G 1/4	1
G 3/8	2
G 1/2	3
G 3/4	5
G 1	6

Lift option	Substitute
Standard	None
0,2 bar	01
0,5 bar	02
2 bar	03
3 bar	04
Elastomer	**Substitute**
NBR (standard)	N
FKM	V
EDPM	E