

V07 Ported pressure relief valves G1/8 & G1/4

Very compact unit

Protect compressed air systems from over-pressurisation



Technical features

Medium::

Compressed air only

Maximum inlet pressure:

20 bar

Pressure range:

0,3 ... 7 bar, 0,3 ... 3,5 bar,
0,1 ... 0,7 bar, 0,3 ... 10 bar

Flow:

see below

Port sizes:

G1/8 or G1/4

Rc1/8 (Gauge)

Operating temperature:

-34 ... +65°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C

Materials:

Bonnet: Acetal

Body: Zinc alloy

Knop: Acetal

Valve: brass

Seals: NBR

Technical data, standard models

Symbol	Port size	Pressure range (bar)	Weight (kg)	Model
	G1/8	0,3 ... 7	0,19	V07-100-NNKG
	G1/4	0,3 ... 7	0,19	V07-200-NNKG

Option selector

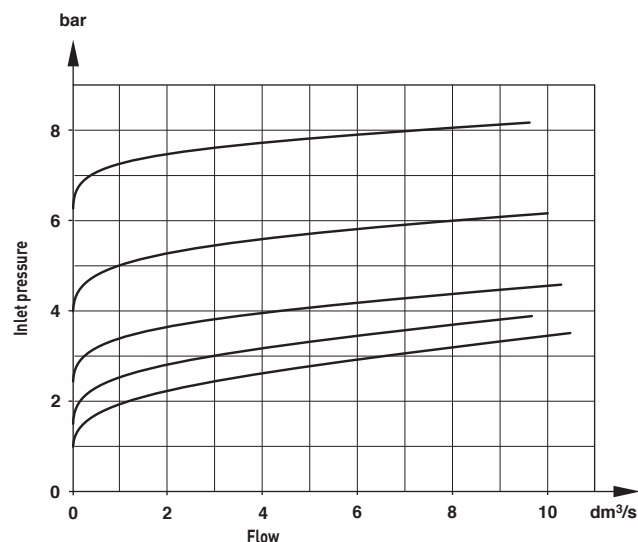
V07-★00-N★★★

Port size	Substitute
1/8"	1
1/4"	2
Gauge	Substitute
With	G
Without	N

Thread	Substitute
PTF	A
ISO G	G
Pressure range (bar)	Substitute
0,1 ... 0,7	A
0,3 ... 3,5	E
0,3 ... 7	K
0,3 ... 10	M

Flow characteristics

Port size 1/4", Pressure range 0,3 ... 7 bar







Accessories



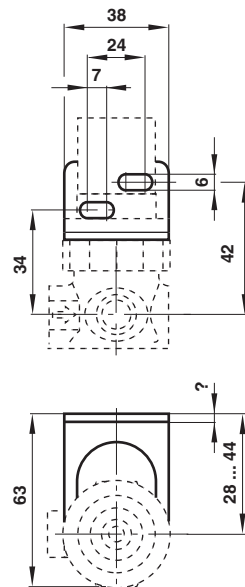
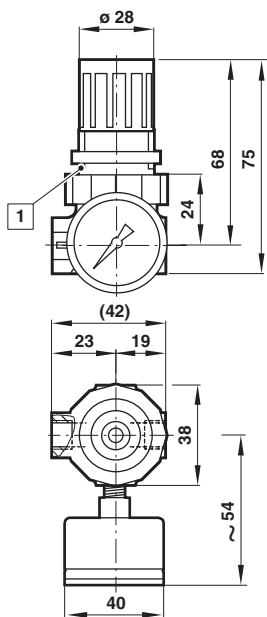
Service kit



Wall mounting bracket and panel nut	Panel nut	Tamper resistant field modification	Gauge ø 40 mm
			
1 & 4	4	3	6
18-025-003 (with plastic nut) 18-025-004 (with metal nut)	2962-04 (Metal) 2962-89 (Plastic)	18-001-092	18-013-990 (0 ... 4 bar) 18-013-989 (0 ... 10 bar)

Dimensions

Bracket mounting



1 Panel mounting hole Ø 31 mm

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where values can exceed those listed under **Technical features/data**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.