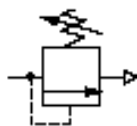


Air line equipment

Excelon modular system

V72G, V74G Pressure relief valves

G $\frac{1}{4}$ to G $\frac{3}{4}$ 

Excelon design allows in-line installation or modular installation with other Excelon products

Push to lock adjusting knob with tamper resistant accessory

Helps protect air operated equipment from over pressure by retarding excessive pressure build up

Norgren pressure relief valves comply with category 0(S.E.P.) and category 1 of the Pressure Equipment Directive 97/23/EC. If categories 2, 3 or 4 products are required contact our Technical Services.

Technical data

Medium:

Compressed air

Gauge ports:

G1/8

Relief port:

G1/4 (V72G), G1/2 (V74G)

Ambient temperature:

-34° to +65°C (V72G)

-34° to +80°C (V74G)

Consult our Technical Service for use below +2°C

Materials

V72G:

Body: zinc body

Bonnet: acetal

Valve: brass

Elastomers: neoprene

Bottom plug: acetal

V74G:

Body & bonnet: aluminium

Valve: aluminium and nitrile

Elastomers: nitrile

Bottom plug: acetal



V72G



V74G

Port size	kg	Model	Service kit
G1/4	0,33	V72G-2GK-NMN	4209-03
G3/8	0,33	V72G-3GK-NMN	4209-03
G3/8	0,69	V74G-3GK-NMN	4384-700
G1/2	0,68	V74G-4GK-NMN	4384-700
G3/4	0,67	V74G-6GK-NMN	4384-700

Note: for Excelon 73 combinations use V74G.

Models listed include ISO G parallel threads, knob adjustment, and a 0,3 to 10 bar relief pressure adjustment range.

Options selector

Series		Substitute		Gauge		Substitute	
72	2	73	3	With	G	Without	N
74	4						
Port size		Substitute		Relief pressure adjustment range*		Substitute	
1/4" (72)	2	3/8"	3	0,3 ... 4 bar	F	0,3 ... 10 bar	M
1/2" (74)	4	1/2" (74)	4	0,7 ... 17 bar (74)**	S	0,3 ... 2 bar (72)	C
3/4" (74)	6						
Threads		Substitute		Adjustment		Substitute	
PTF	A	ISO Rc taper	B	Knob	K	T-bar	T
ISO G parallel	G						

* Relief valve can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

**Units with 17 bar relief pressure range are available only with the T-bar adjustment; therefore substitute T at the 7th position and S at the 9th position.

Accessories

Series	Port size	Wall mounting bracket	Neck mounting bracket	Gauge 0 ... 10 bar†	Panel nut	Tamper resistant cover and seal wire	Quikmount pipe adaptors (quantity of 1)	Quikclamp	Quikclamp and Quikclamp wall bracket
V72G	G1/4	4224-50	74316-50	18-013-989	4248-89	4255-51	4215-08	4214-51	4214-52
	G3/8						4215-09		4213-89*
V74G	G3/8						4315-10		4314-52
	G1/2	4324-50	4368-51	18-013-013	4348-89	4355-51	4315-11	4314-51	4313-50*
	G3/4						4315-12		

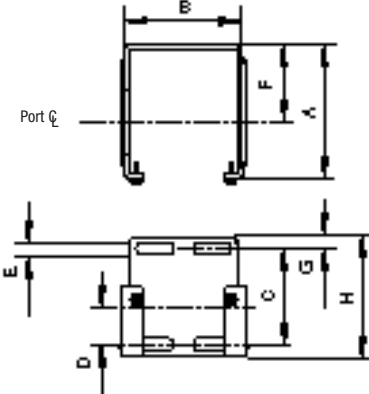
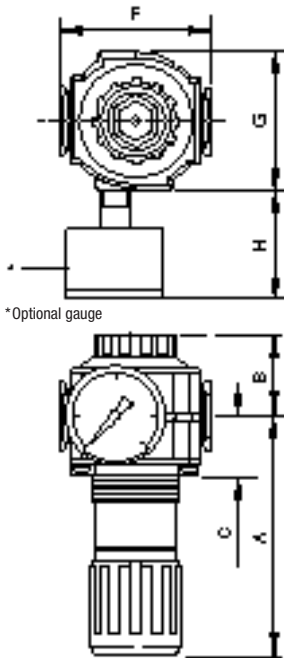
* Bracket only. # Other pressure ranges available – see page 486

Excelon modular system

V72G, V74G Pressure relief valves

G $\frac{1}{4}$ to G $\frac{3}{4}$

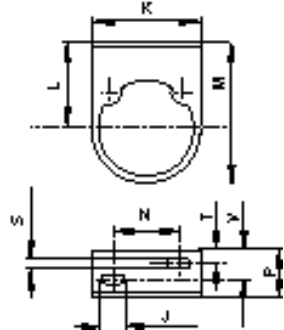
Bracket mounting



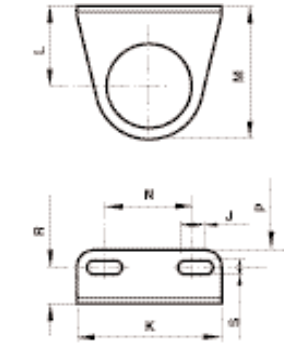
Series	A	B	C	D	E	F	G	H
72	60	42	39	18,6	4	38	6	51
74	79	69	50	20	5	51	6	61

Series	A	B	C	F	G	H	Panel Ø	Panel depth
72	73	25	26	50	48	35	40	0 ... 4
74	127	43	31	80	74	56	52	2 ... 6

Neck mounting bracket (72)



Neck mounting bracket (74)



Series	J	K	L	M	N	P	R	S	T	V
72	8,5	49	38	63,5	30	24	—	4,4	7	10
74	24	89	52	86	56	35	23	7	—	—

Flow characteristics

