

**Enables air to be exhausted quickly
from air reservoirs and cylinders**

Allows higher cylinder speeds to be achieved

Simple, compact design and construction

Very reliable in operation



Technical data

Medium:

Compressed air, filtered, lubricated
and non-lubricated

Operating pressure:

0,7 to 10 bar (S/511)

0,7 to 7 bar (S/513, S/514)

Ambient temperature:

-20°C to +80°C

(consult our Technical Service for use below +2°C)

Materials

Body & cover: zinc alloy (S/513),

aluminium alloy (S/511, S/514)

Seals: polyurethane (S/51*)

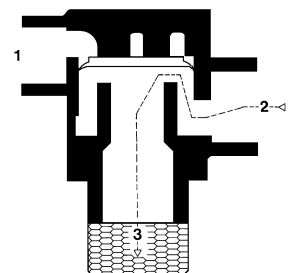
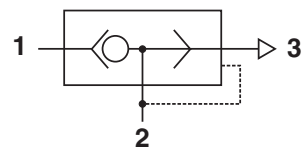
O-ring: nitrile

Element: porous plastic (S/513, S/514)

Ordering information

Quick exhaust valves G1/4

quote: S/513



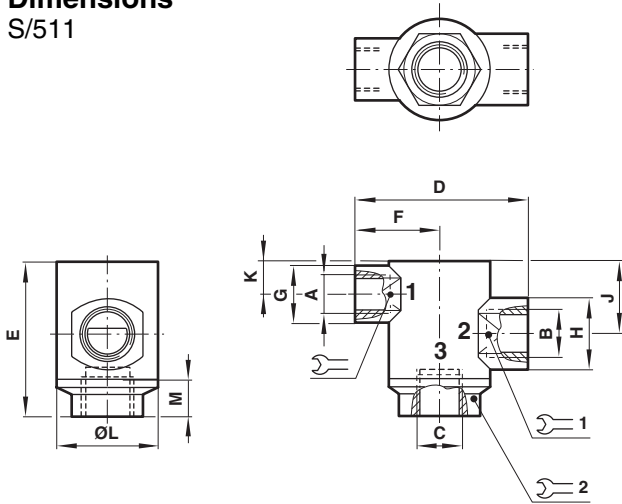
General information

Model	Port size BSPP	Flow (1 to 2) *3)		Flow (2 to 3) *2)		kg	Spares kit (seals only)
		C *1)	Cv	C	Cv		
S/511	G1/2	5,7	1,9	44	10,8	0,31	QS/511/00
S/513	G1/4	3,9	0,8	11	2,7	0,25	QS/510/00
S/514	G1/2	5,7	1,9	32	7,8	0,35	QS/511/00

*1) C = dm³/s.bar *2) US gal/min *3) Flow factor measured at 6 bar inlet pressure
 For NPT versions, substitute A at the 4th digit, e.g. T70A1800K0
 For NPT ranges, substitute C at the 1st digit e.g. C/511

Dimensions

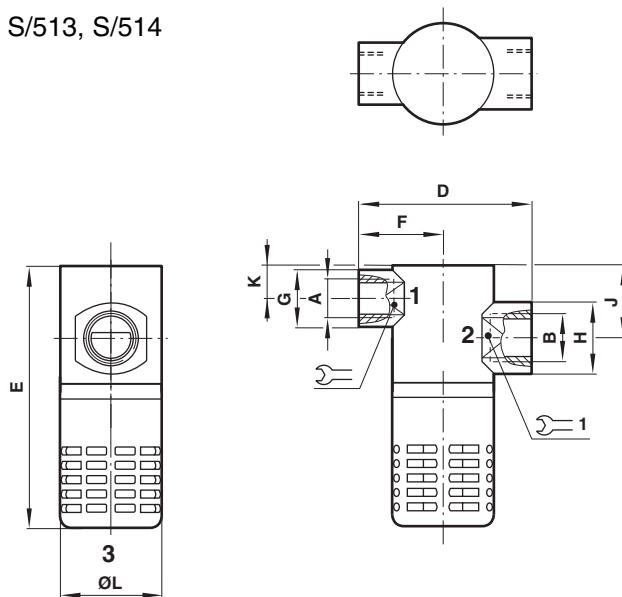
S/511



Model	A	B	C	D	E	F	G	H
S/511	G1/2	G3/4	G3/4	100	86	50	28,5	35

Model	J	K	Ø L	M	2	1	
S/511	36	48	17	47,5	15,0	32	30

S/513, S/514



Model	A	B	C	D	E	F	G
S/513	G1/4	G3/8	47,5	58	86,5	29	18,0
S/514	G1/2	G3/4	63,0	100	134,0	50	28,5

Model	H	J	K	Ø L	Ø 0	1	
S/513	23	23	23	10	34,0	34	21
S/514	35	36	48	17	47,5	59	30

For NPT ranges, substitute C at the 1st digit e.g. C/513

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical 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.