

Series RV1

- Qn 1►2 = 0.687-34.05 Cv
- thread-in
- External thread
- G 1/4, G 3/8, G 1/2, G 3/4
- Uncollected



Version

Certificates

Working pressure min./max.

Opening pressure of valve

Ambient temperature min./max.

Medium

Poppet valve

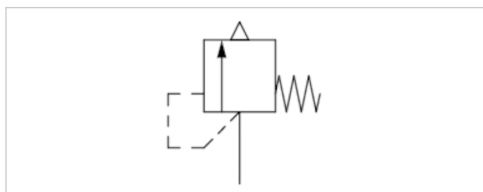
CE declaration of conformity

0 ... 290 psi

See table below

-4 ... 212 °F

Compressed air



Technical data

Part No.	Port 1	Opening pressure of valve	Flow
			Qn 1►2
R412007521	G 1/4	0.8 bar	0.687 Cv
R412007522	G 1/4	1.5 bar	1.01 Cv
R412007523	G 1/4	2 bar	1.24 Cv
R412007524	G 1/4	3.5 bar	1.9 Cv
R412007525	G 1/4	4 bar	2.12 Cv
R412007526	G 1/4	4.8 bar	2.46 Cv
R412007527	G 1/4	6 bar	2.98 Cv
R412007528	G 1/4	8 bar	3.84 Cv
R412007529	G 1/4	10 bar	4.71 Cv
R412007530	G 1/4	11 bar	5.14 Cv
R412007531	G 1/4	15 bar	6.86 Cv
R412007532	G 1/4	16 bar	7.3 Cv
R412007533	G 3/8	2 bar	2.23 Cv
R412007534	G 3/8	3.7 bar	3.63 Cv
R412007535	G 3/8	4 bar	3.86 Cv
R412007721	G 3/8	5 bar	4.65 Cv
R412007536	G 3/8	6 bar	5.43 Cv
R412007537	G 3/8	6.8 bar	6.06 Cv
R412007538	G 3/8	8 bar	7.01 Cv
R412007539	G 3/8	10 bar	8.58 Cv

Part No.	Port 1	Opening pressure of valve	Flow
			Qn 1►2
R412007540	G 3/8	11 bar	9.37 Cv
R412007541	G 3/8	16 bar	13.3 Cv
R412007542	G 1/2	0.4 bar	1.13 Cv
R412007720	G 1/2	2.9 bar	3.67 Cv
R412007690	G 1/2	3.5 bar	4.25 Cv
R412007691	G 1/2	4 bar	4.73 Cv
R412007692	G 1/2	5 bar	5.7 Cv
R412007699	G 1/2	5.5 bar	6.24 Cv
R412007696	G 1/2	6 bar	6.66 Cv
R412007702	G 1/2	6.5 bar	7.22 Cv
R412007698	G 1/2	7 bar	7.62 Cv
R412007697	G 1/2	8 bar	8.59 Cv
R412007693	G 1/2	8.5 bar	9.16 Cv
R412007694	G 1/2	9 bar	9.55 Cv
R412007700	G 1/2	10 bar	10.51 Cv
R412007701	G 1/2	10.5 bar	11.11 Cv
R412007695	G 1/2	11 bar	11.48 Cv
R412007703	G 1/2	12 bar	12.44 Cv
R412007543	G 1/2	16 bar	16.3 Cv
R412007544	G 3/4	0.5 bar	2.67 Cv
R412007684	G 3/4	1 bar	3.84 Cv
R412007545	G 3/4	3.5 bar	8.88 Cv
R412007546	G 3/4	6 bar	13.91 Cv
R412007547	G 3/4	6.5 bar	14.99 Cv
R412007548	G 3/4	8 bar	17.94 Cv
R412007549	G 3/4	10 bar	21.97 Cv
R412007550	G 3/4	11 bar	23.98 Cv
R412007551	G 3/4	12.5 bar	27 Cv
R412007552	G 3/4	16 bar	34.05 Cv

Technical information

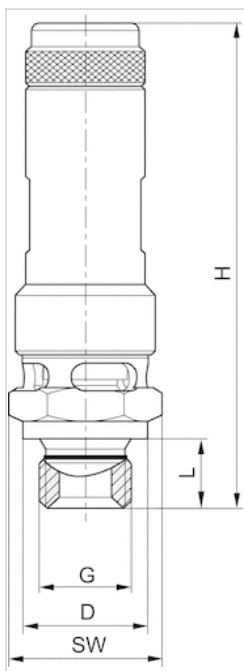
The specified performance values are achieved at a 10% (PE 14.5 psi , 1.45 psi) pressure increase, measured with compressed air at 68 °F .

Technical information

Material	
Housing	Brass
Seals	Fluorocaoutchouc

Dimensions

Dimensions



G = connection 1

Dimensions

Part No.	Port G	Ø D	H	L	SW	T [Nm]	NW
R412007521	G 1/4	18	69	10	19	30	8
R412007522	G 1/4	18	69	10	19	30	8
R412007523	G 1/4	18	69	10	19	30	8
R412007524	G 1/4	18	69	10	19	30	8
R412007525	G 1/4	18	69	10	19	30	8
R412007526	G 1/4	18	69	10	19	30	8
R412007527	G 1/4	18	69	10	19	30	8
R412007528	G 1/4	18	69	10	19	30	8
R412007529	G 1/4	18	69	10	19	30	8
R412007530	G 1/4	18	69	10	19	30	8
R412007531	G 1/4	18	69	10	19	30	8
R412007532	G 1/4	18	69	10	19	30	8
R412007533	G 3/8	22	75	10	24	40	10
R412007534	G 3/8	22	75	10	24	40	10
R412007535	G 3/8	22	75	10	24	40	10
R412007721	G 3/8	22	75	10	24	40	10
R412007536	G 3/8	22	75	10	24	40	10
R412007537	G 3/8	22	75	10	24	40	10
R412007538	G 3/8	22	75	10	24	40	10
R412007539	G 3/8	22	88	10	24	40	10
R412007540	G 3/8	22	88	10	24	40	10
R412007541	G 3/8	22	88	10	24	40	10
R412007542	G 1/2	26	78	12	27	50	15

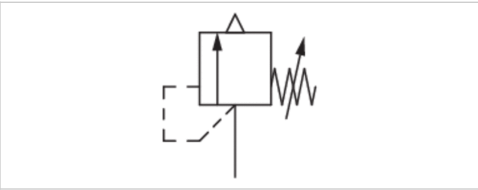
Part No.	Port G	Ø D	H	L	SW	T [Nm]	NW
R412007720	G 1/2	26	78	12	27	50	15
R412007690	G 1/2	26	78	12	27	50	15
R412007691	G 1/2	26	78	12	27	50	15
R412007692	G 1/2	26	78	12	27	50	15
R412007699	G 1/2	26	78	12	27	50	15
R412007696	G 1/2	26	78	12	27	50	15
R412007702	G 1/2	26	78	12	27	50	15
R412007698	G 1/2	26	78	12	27	50	15
R412007697	G 1/2	26	77.5	12	27	50	15
R412007693	G 1/2	26	91	12	27	50	15
R412007694	G 1/2	26	91	12	27	50	15
R412007700	G 1/2	26	91	12	27	50	15
R412007701	G 1/2	26	91	12	27	50	15
R412007695	G 1/2	26	91	12	27	50	15
R412007703	G 1/2	26	91	12	27	50	15
R412007543	G 1/2	26	91	12	27	50	15
R412007544	G 3/4	32	106	12	30	60	20
R412007684	G 3/4	32	106	12	30	60	20
R412007545	G 3/4	32	106	12	30	60	20
R412007546	G 3/4	32	106	12	30	60	20
R412007547	G 3/4	32	106	12	30	60	20
R412007548	G 3/4	32	106	12	30	60	20
R412007549	G 3/4	32	116	12	30	60	20
R412007550	G 3/4	32	116	12	30	60	20
R412007551	G 3/4	32	116	12	30	60	20
R412007552	G 3/4	32	116	12	30	60	20

T = maximum torque

NW = nominal width

Series RV2

- Qn 1►2 = 1.86-14.1 Cv
- thread-in
- External thread
- G 3/8, G 1/2, G 3/4
- G 1/2, G 3/4, G 1



Version	Poppet valve
Certificates	CE declaration of conformity
Working pressure min./max.	0 ... 290 psi
Opening pressure of valve	See table below
Ambient temperature min./max.	-4 ... 212 °F
Medium	Compressed air

Technical data

Part No.	Port 1	Port 2	Opening pressure of valve	Flow
				Qn 1►2
R412007567	G 3/8	G 1/2	4 bar	1.86 Cv
R412007722	G 3/8	G 1/2	5 bar	2.25 Cv
R412007704	G 3/8	G 1/2	10 bar	4.16 Cv
R412007558	G 1/2	G 3/4	8 bar	6.83 Cv
R412007561	G 1/2	G 3/4	16 bar	12.97 Cv
R412007563	G 3/4	G 1	8 bar	14.1 Cv

Port 1 = input (e.g. pressure reservoir), port 2 = exhaust

Technical information

The specified performance values are achieved at a 10% (PE 14.5 psi , 1.45 psi) pressure increase, measured with compressed air at 68 °F .

Opening pressure of valve 14.5 psi

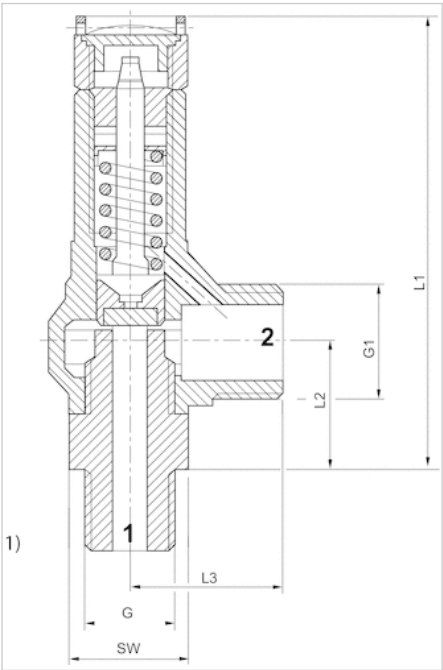
Technical information

Material

Housing	Brass
Seals	Fluorocaoutchouc

Dimensions

Dimensions



1) Flow direction: 1 to 2

Dimensions

Part No.	Port G	G1	L1	L2	L3	SW	T [Nm]	NW
R412007567	G 3/8	G 1/2	85	23.5	29	22	40	7
R412007722	G 3/8	G 1/2	85	23.5	29	22	40	7
R412007704	G 3/8	G 1/2	85	23.5	29	22	40	7
R412007558	G 1/2	G 3/4	105	30	32	25	65	10
R412007561	G 1/2	G 3/4	105	30	32	25	65	10
R412007563	G 3/4	G 1	136	37	45	35	160	14

T = recommended torque

NW = nominal width