Pressure regulators → Supplementary products

Safety valve

► Qn = 533 - 7085 l/min ► external thread - Unrestricted ► screwable

00125146

Certificates	CE declaration of conformity
Version	Poppet valve
Working pressure min./max.	0 bar / 20 bar
Ambient temperature min./max.	-20°C / +100°C
Medium	Compressed air
Materials:	
Housing	Brass

Technical Remarks

- The specified performance values are achieved at a 10% (PE <1bar, +0.1 bar) pressure increase, measured with compressed air at 20°C.
- Opening pressure of valve < 1 bar

	Port 1	Opening pressure of valve	Flow 1 → 2	Note	Part No.
		[bar]	[l/min]		
	G 1/4	0.8	648	1)	**R412007521**
	G 1/4	1.5	958	1)	**R412007522**
	G 1/4	2	1157	1)	**R412007523**
	G 1/4	3.5	1269	2)	**R412007524**
	G 1/4	4	1410	2)	R412007525
	G 1/4	4.8	1643	2)	**R412007526**
	G 1/4	6	2208	2)	R412007527
	G 1/4	8	2848	2)	**R412007528**
	G 1/4	10	3483	2)	**R412007529**
	G 1/4	11	3807	2)	R412007530
	G 1/4	15	5100	2)	R412007531
	G 1/4	16	5405	2)	R412007532
	G 3/8	2	1157	1)	R412007533
	G 3/8	3.7	1326	2)	R412007534
	G 3/8	4	1410	2)	R412007535
	G 3/8	5	1700	2)	R412007721
	G 3/8	6	2208	2)	R412007536
	G 3/8	6.8	2466	2)	R412007537
	G 3/8	8	2848	2)	R412007538
	G 3/8	10	3483	2)	R412007539
	G 3/8	11	3807	2)	R412007540
	G 3/8	16	5405	2)	R412007541
	G 1/2	0.4	533	1)	R412007542
	G 1/2	2.9	1583	2)	R412007720
	G 1/2	3.5	1839	2)	R412007690

1) Seal: Silicone caoutchouc
2) Seal: Fluorocaoutchouc

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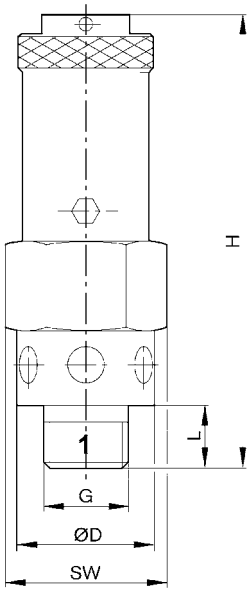
	Port 1	Opening pressure of valve	Flow 1 → 2	Note	Part No.
		[bar]	[l/min]		
	G 1/2	4	2047	2)	R412007691
	G 1/2	5	2464	2)	**R412007692**
	G 1/2	5.5	2673	2)	R412007699
	G 1/2	6	2882	2)	R412007696
	G 1/2	6.5	3090	2)	R412007702
	G 1/2	7	3299	2)	R412007698
	G 1/2	8	3716	2)	**R412007697**
	G 1/2	8.5	3924	2)	R412007693
	G 1/2	9	4133	2)	**R412007694**
	G 1/2	10	4561	2)	**R412007700**
	G 1/2	10.5	4770	2)	**R412007701**
	G 1/2	11	4979	2)	**R412007695**
	G 1/2	12	5395	2)	R412007703
	G 1/2	16	7068	2)	R412007543
	G 3/4	0.5	590	1)	R412007544
	G 3/4	1	796	1)	R412007684
	G 3/4	3.5	1833	2)	R412007545
	G 3/4	6	2888	2)	R412007546
	G 3/4	6.5	3083	2)	R412007547
	G 3/4	8	3717	2)	R412007548
	G 3/4	10	4559	2)	**R412007549**
	G 3/4	11	4978	2)	R412007550
	G 3/4	12.5	5600	2)	R412007551
	G 3/4	16	7085	2)	R412007552

1) Seal: Silicone caoutchouc
2) Seal: Fluorocaoutchouc

Dimensions



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Part No.	Ø D	H	L	SW	T [Nm]	NW						
R412007521	21.8	72	10	22	14	8						
R412007522	21.8	72	10	22	14	8						
R412007523	21.8	72	10	22	14	8						
R412007524	21.8	72	10	22	14	8						
R412007525	21.8	72	10	22	14	8						
R412007526	21.8	72	10	22	14	8						
R412007527	21.8	72	10	22	14	8						
R412007528	21.8	72	10	22	14	8						
R412007529	21.8	81	10	22	14	8						
R412007530	21.8	81	10	22	14	8						
R412007531	21.8	81	10	22	14	8						
R412007532	21.8	81	10	22	14	8						
R412007533	21.8	72	10	22	40	8						
R412007534	21.8	72	10	22	40	8						
R412007535	21.8	72	10	22	40	8						
R412007721	21.8	72	10	22	40	8						
R412007536	21.8	72	10	22	40	8						
R412007537	21.8	72	10	22	40	8						
R412007538	21.8	72	10	22	40	8						
R412007539	21.8	81	10	22	40	8						
R412007540	21.8	81	10	22	40	8						
R412007541	21.8	81	10	22	40	8						
R412007542	26.8	74	12	27	65	10						
R412007720	26.8	74	12	27	65	10						
R412007690	26.8	74	12	27	65	10						
R412007691	26.8	74	12	27	65	10						
R412007692	26.8	74	12	27	65	10						
R412007699	26.8	74	12	27	65	10						
R412007696	26.8	74	12	27	65	10						
R412007702	26.8	74	12	27	65	10						
R412007698	26.8	74	12	27	65	10						
R412007697	26.8	74	12	27	65	10						
R412007693	26.8	74	12	27	65	10						
R412007694	26.8	74	12	27	65	10						
R412007700	26.8	74	12	27	65	10						
R412007701	26.8	74	12	27	65	10						
R412007695	26.8	74	12	27	65	10						
R412007703	26.8	74	12	27	65	10						
R412007543	26.8	74	12	27	65	10						
R412007544	30	74	12	30	160	10						
R412007684	30	74	12	30	160	10						
R412007545	30	74	12	30	160	10						
R412007546	30	74	12	30	160	10						
R412007547	30	74	12	30	160	10						
R412007548	30	74	12	30	160	10						
R412007549	30	74	12	30	160	10						
R412007550	30	74	12	30	160	10						
R412007551	30	74	12	30	160	10						
R412007552	30	74	12	30	160	10						

T = recommended torque
NW = nominal width