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Pressure relief valve from red brass, not component-tested
Series RV05

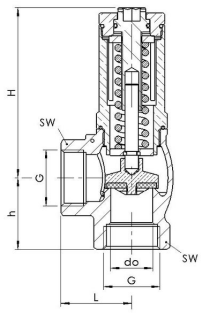


Design type	Spring-loaded proportional pressure relief valve The bonnet is completely closed to the outside, so that this type is also suitable as a relief valve even when back pressure occurs. Adjustment is carried out externally by means of an internal hexagon screw according to the respective adjustment range. The set pressure can be secured against adjustment by the seal. These types are not factory-set.
Connection	G3/8"...G2"
Materials	Valve body Red brass, Internal parts Brass or rather stainless steel, Seals NBR, Adjustment range 12...20bar Seals PTFE/FKM
Application range	liquid media that do not attack the materials used
Medium temperature	see table
Adjustment range	0,2...0,8bar / 0,5...2,5bar / 2...12bar / 12...20bar
Mounting type	Installation in rigid piping system
Mounting position	any
Special version	preset, all seals PTFE
Ordering note	Adjustment range to be specified

Table:

Seals	Adjustment range [bar]	Medium temperature [°C]	Type
NBR	0,2...0,8 / 0,5...2,5 / 2...12	-30...+130	RV05
PTFE/FKM	12...20	-60...+225	RV05-...T

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G	L	H	h	d_0	SW	Weight [approx. kg]	Type	Type
G3/8"	27	60	26	10	24	0,28	RV05-38-10-XX	RV05-38-10-XX-T
G1/2"	30	69	30	13	28	0,37	RV05-12-13-XX	RV05-12-13-XX-T
G3/4"	33	86	35	19	34	0,61	RV05-34-19-XX	RV05-34-19-XX-T
G1"	40	101	41	25	41	1,12	RV05-10-25-XX	RV05-10-25-XX-T
G11/4"	45	118	45	30	52	1,86	RV05-114-30-XX	RV05-114-30-XX-T
G11/2"	50	139	51	38	58	2,41	RV05-112-38-XX	RV05-112-38-XX-T
G2"	60	149	60	50	70	3,80	RV05-20-50-XX	RV05-20-50-XX-T
XX - Adjustment range 0,2/0,8 0,5/2,5 2/12 12/20								

Exhaust capacity at 1 bar Overpressure for Water [m^3/h]

Set pressure [bar]	Size																			
	G3/8"			G1/2"			G3/4"			G1"			G11/4"			G11/2			G2"		
	0,5 - 2,5	2 - 12	12 - 20	0,5 - 2,5	2 - 12	12 - 20	0,5 - 2,5	2 - 12	12 - 20	0,5 - 2,5	2 - 12	12 - 20	0,5 - 2,5	2 - 12	12 - 20	0,5 - 2,5	2 - 12	12 - 20	0,5 - 2,5	2 - 12	12 - 20
0,5	2,84	-	-	4,05	-	-	7,23	-	-	10,96	-	-	20,0	-	-	24,8	-	-	31,6	-	-
1	3,32	-	-	4,52	-	-	8,31	-	-	12,99	-	-	22,4	-	-	26,4	-	-	36,0	-	-
1,5	3,67	-	-	4,91	-	-	9,25	-	-	13,48	-	-	25,5	-	-	29,5	-	-	38,0	-	-
2	4,07	2,05		5,20	2,35	-	10,10	5,29	-	14,17	8,62	-	28,3	14,5	-	31,0	12,3	-	40,6	17,9	-
2,5	4,41	2,35		5,53	2,60	-	10,69	6,01	-	15,11	9,07	-	29,8	16,6	-	33,3	12,9	-	43,0	19,6	-
3	-	2,60		-	2,90	-	-	6,63	-	-	9,42	-	-	17,5	-	-	13,4	-	-	21,1	-
4	-	3,25		-	3,19	-	-	7,80	-	-	10,08	-	-	19,7	-	-	15,2	-	-	24,7	-
5	-	3,69		-	3,41	-	-	8,54	-	-	10,87	-	-	22,6	-	-	22,2	-	-	28,9	-
6	-	4,33		-	4,02	-	-	9,75	-	-	12,42	-	-	25,8	-	-	26,8	-	-	30,1	-
7	-	4,64		-	5,27	-	-	10,31	-	-	13,14	-	-	29,2	-	-	29,3	-	-	31,7	-
8	-	4,90		-	5,37	-	-	11,33	-	-	15,11	-	-	30,0	-	-	31,8	-	-	34,2	-
9	-	5,23		-	5,86	-	-	11,92	-	-	15,84	-	-	31,2	-	-	33,4	-	-	37,5	-
10	-	5,49		-	5,95	-	-	13,03	-	-	17,18	-	-	32,3	-	-	34,6	-	-	39,3	-
11	-	5,57		-	6,24	-	-	13,81	-	-	18,45	-	-	36,0	-	-	36,6	-	-	42,4	-
12	-	5,65	5,71	-	6,61	2,76	-	14,17	12,66	-	19,39	16,14	-	37,2	28,6	-	39,6	19,8	-	43,9	18,9
13	-	-	5,87	-	-	2,88	-	-	13,57	-	-	17,02	-	-	33,6	-	-	21,7	-	-	21,2
14	-	-	6,01	-	-	3,19	-	-	14,32	-	-	17,68	-	-	34,9	-	-	23,4	-	-	24,0
15	-	-	6,26	-	-	3,54	-	-	14,84	-	-	18,66	-	-	36,3	-	-	24,7	-	-	25,7
16	-	-	6,43	-	-	3,74	-	-	16,06	-	-	18,96	-	-	37,3	-	-	40,0	-	-	27,6
17	-	-	6,73	-	-	3,87	-	-	16,52	-	-	20,04	-	-	38,5	-	-	42,2	-	-	29,3
18	-	-	6,92	-	-	4,03	-	-	17,11	-	-	20,52	-	-	39,7	-	-	45,0	-	-	31,8
19	-	-	7,03	-	-	4,26	-	-	17,74	-	-	21,12	-	-	40,8	-	-	46,2	-	-	34,6
20	-	-	7,09	-	-	4,77	-	-	18,15	-	-	21,66	-	-	42,1	-	-	47,5	-	-	36,6

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