

Brass, atmospheric discharge



810sGK

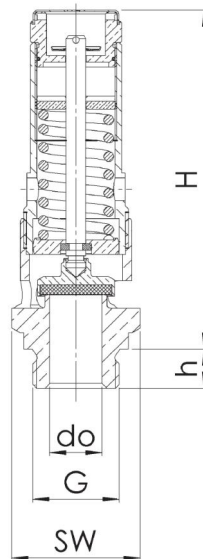
For the protection of:

- pressure tanks
- pressure systems for air and other neutral, non-poisonous and nonflammable gases which can freely discharged into the environment.

The set pressure is pre set by the manufacturer.

Technical Specification

Set pressure:	0,2-50bar
Temperature range:	-20...+200°C (FKM), -60...+225°C (PTFE)
Media:	Air and neutral gases
Connection:	Male thread according to DIN EN ISO 228-1
Body:	Brass CW614N
Internal parts:	Brass CW614N, Stainless steel 1.4310
Seat:	FKM (0,2-25bar), PTFE (25,1-50bar)



Dimensions / Data

DN	Type	G"	H (0,2-50bar)	H (0,2-9bar)	H (9,1-50bar)	h	SW	do	Kg
8	810sGK-1/4"	1/4	60	-	-	10	19	7,5	0,10
10	810sGK-3/8"	3/8	-	65	78	10	24	10	0,14/0,16
15	810sGK-1/2"	1/2	-	66	79	12	27	11	0,17/0,19
20	810sGK-3/4"	3/4	-	94	104	12	34	16	0,35/0,40
25	810sGK-1"	1	111	-	-	14	41	20	0,6

Options

Seat in PTFE (0,2-25bar), media temperature range -60...+225°C

Brass

Blowing-off rates at 10% above set pressure

Air, Nm³/h

Set pressure, bar	DN08	DN10	DN15	DN20	DN25
0,2	20	35	46	100	133
0,3	25	45	54	119	144
0,4	29	52	67	137	167
0,5	32	58	74	158	185
0,6	35	64	82	172	211
0,7	37	70	87	187	235
0,8	41	74	95	200	260
0,9	43	80	101	213	282
1,0	46	85	107	227	305
1,5	60	108	137	286	408
2,0	73	132	166	346	506
3,0	100	182	222	465	699
4,0	125	228	279	584	889
5,0	151	274	336	703	1070
6,0	176	321	393	821	1251
7,0	201	367	450	940	1432
8,0	227	414	507	1059	1613
9,0	252	460	564	1178	1794
10,0	278	507	621	1297	1975
11,0	303	553	678	1416	2156
12,0	329	599	735	1535	2337
13,0	354	646	791	1654	2518
14,0	380	692	848	1773	2700
15,0	405	739	905	1891	2881
16,0	431	785	962	2010	3062
17,0	456	832	1019	2129	3243
18,0	482	878	1076	2248	3424
19,0	507	925	1133	2367	3605
20,0	533	971	1190	2486	3786
21,0	558	1017	1247	2605	3967
22,0	584	1064	1304	2724	4148
23,0	609	1110	1361	2843	4329
24,0	635	1157	1417	2961	4510
25,0	660	1203	1474	3080	4691
26,0	685	1250	1531	3199	4872
27,0	711	1296	1588	3318	5053
28,0	736	1342	1645	3437	5234
29,0	762	1389	1702	3556	5415
30,0	787	1435	1759	3675	5597
31,0	813	1482	1816	3794	5778
32,0	838	1528	1873	3913	5959
33,0	864	1575	1930	4031	6140
34,0	889	1621	1986	4150	6321
35,0	915	1667	2043	4269	6502
36,0	940	1714	2100	4388	6683
37,0	966	1760	2157	4507	6864
38,0	991	1807	2214	4626	7045
39,0	1017	1853	2271	4745	7226
40,0	1042	1900	2328	4864	7407
41,0	1068	1946	2385	4983	7588
42,0	1093	1993	2442	5101	7769
43,0	1119	2039	2499	5220	7950
44,0	1144	2085	2556	5339	8131
45,0	1170	2132	2612	5458	8313
46,0	1195	2178	2669	5577	8494
47,0	1220	2225	2726	5696	8675
48,0	1246	2271	2783	5815	8856
49,0	1271	2318	2840	5934	9037
50,0	1297	2364	2897	6053	9218