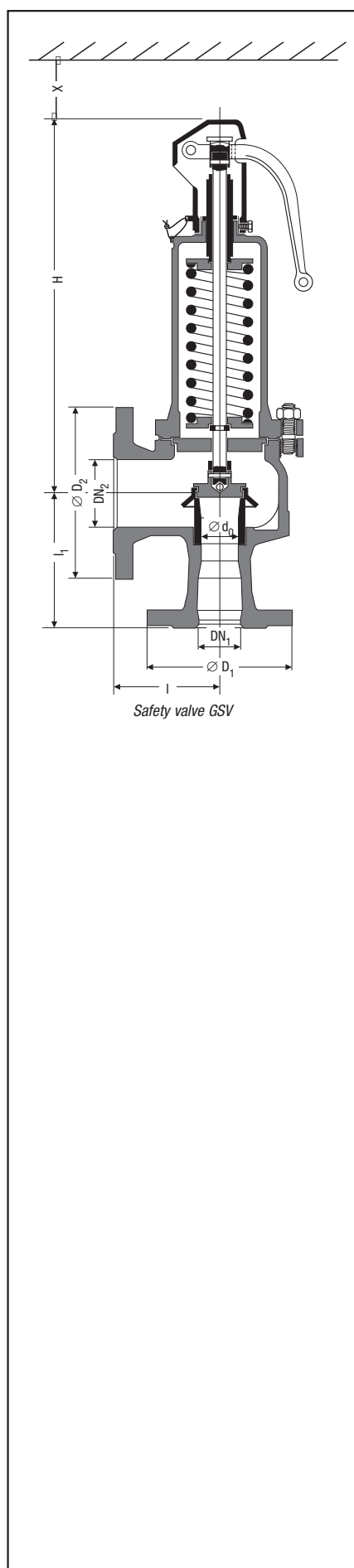




Application

For use with steam, liquids, and non-corrosive gases and vapours.

Dimensions [mm] and Weights [kg]

$DN_1 \times DN_2$	20x32/40	25x40	32x50	40x65	50x80	65x100	80x125	100x150	125x200	150x250
d_0	18	23	29	37	46	60	74	92	98	125
I	95	100	110	115	120	140	160	180	200	225
I_1	85	105	115	140	150	170	195	220	250	285
$H^1)$	215	233	325	366	413	526	603	660	660	735
$H^2)$	—	234	331	372	419	529	606	663	663	735
X	150	150	200	250	300	350	400	450	450	450
Weight	9	9	12	16	22	32	56	75	85	131

1) 4421, 4425, 4422 2) 4414

Discharge Capacities for Saturated Steam [kg/h]

Set pressure [bar]	DN 20	DN 25	DN 32	DN 40	DN 50	DN 65	DN 80	DN 100	DN125	DN 150
0.2	86	140	223	363	561	954	1451	2243	2545	4140
0.5	137	224	356	579	895	1523	2316	3581	4062	6600
1.0	199	326	518	843	1302	2215	3370	5209	5910	9616
2.0	318	519	825	1343	2075	3531	5371	8302	9420	15326
3.0	428	699	1111	1808	2794	4754	7232	11178	12683	20635
4.0	534	871	1385	2254	3485	5928	9018	13938	15816	25731
5.0	639	1043	1658	2699	4172	7097	10796	16687	18934	30804
6.0	744	1214	1930	3142	4856	8262	12568	19426	22042	35861
7.0	846	1381	2196	2574	5525	9399	14297	22098	25074	40794
8.0	950	1551	2466	4014	6205	10556	16057	24818	26161	45816
9.0	1054	1721	2736	4454	6884	11712	17815	27535	31244	50831
10.0	1158	1891	3006	4893	7562	12866	19571	30250	34324	55842
12.0	1366	2230	3545	5770	8919	15174	23081	35675	40480	65858
14.0	1569	2562	4073	6629	10247	17433	26518	40987	46507	75664
16.0	1776	2900	4610	7505	11600	19735	30020	46400	52650	85657
18.0	1984	3239	5149	8382	12955	22041	33526	51820	58800	95663
20.0	2191	3578	5688	9260	14312	24350	37039	57249	64960	105685
22.0	2393	3907	6212	10111	15629	26590	40446	62515	70935	115407
24.0	2601	4247	6752	10991	16988	29303	43964	67953	77106	125445
26.0	2810	4588	7294	11873	18351	31222	47491	73405	83292	—
28.0	3019	4930	7837	12757	19718	33547	51029	78873	89496	—
30.0	3229	5272	8382	13644	21089	35880	54577	84358	—	—
32.0	3440	5616	8929	14534	22465	38220	58137	89860	—	—

Calculation according to DIN 3320 and AD Bulletin A2, TRD 421.

For discharge capacities for other set pressure ratings or fluids see data sheet.