

“ARI” FIG. 900 (DIN) FULL LIFT SAFETY VALVE DISCHARGE CAPACITY FOR SATURATED STEAM (INCLUDE 10% OVERPRESSURE)

Set Gauge Pressure	SATURATED STEAM IN Kg/h									
	Bar	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125
0.2	81	126	210	324	506	855	1295	2024	2510	3490
0.4	120	185	307	473	739	1250	1890	2960	3630	5050
0.5	132	207	344	529	827	1400	2120	3310	4070	5660
0.6	147	230	383	590	923	1560	2360	3690	4470	6220
0.8	174	272	453	698	1090	1840	2790	4360	5240	7280
1	203	317	526	811	1270	2140	3245	5070	6030	8385
1.5	272	425	707	1090	1700	2875	4355	6800	8050	11200
2	305	477	792	1220	1900	3220	4880	7625	10125	14080
2.5	366	572	950	1460	2285	3865	5855	9145	11990	16660
3	424	662	1100	1695	2645	4475	6775	10600	13880	19300
4	535	837	1390	2140	3350	5650	8570	13400	17550	24400
5	640	1000	1665	2565	4000	6770	10260	16000	21000	29250
6	745	1165	1940	2990	4665	7890	11950	18650	24500	34050
7	850	1330	2210	3400	5320	9000	13600	21300	27900	38800
8	957	1495	2485	3820	5980	10100	15300	23900	31350	43600
9	1060	1660	2755	4245	6630	11200	16950	26500	34800	48400
10	1165	1820	3025	4665	7290	12300	18650	29150	38250	53200
11	1270	1985	3300	5080	7940	13400	20300	31750	41600	58000
12	1375	2150	3570	5500	8590	14500	22000	34350	45100	62700
13	1480	2310	3840	5920	9250	15600	23650	37000	48500	67500
14	1580	2475	4110	6340	9900	16700	25350	39600	52000	72300
15	1690	2640	4385	6760	10550	17800	27000	42200	55400	77000
16	1790	2800	4655	7170	11200	18950	28700	44800	58800	81800
17	1900	2965	4930	7590	11850	20050	30350	47400	62200	86600
18	2000	3130	5200	8010	12500	21150	32050	50100	65700	91400
19	2100	3295	5470	8430	13150	22250	33700	52700	69100	96200
20	2210	3460	5750	8850	13800	23350	35400	55300	72600	101000
21	2320	3620	6020	9250	14500	24500	37100	57900	76000	105800
22	2420	3790	6290	9700	15150	25600	38800	60600	79500	110900
24	2635	4120	6840	10500	16450	27850	42100	65900	86500	120600
25	2740	4280	7120	10950	17100	28950	43800		90200	125500
26	2850	4450	7390	11350	17800	30050			93700	130300
28	3060	4780	7950	12250	19100	32300				
30	3270	5120	8500	13100	20450					
32	3490	5450	9060	13950	21800					

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Calculation acc. to TRD421 and AD2000-A2
 DN 125, DN 150 higher pressure on request