



Application

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

Dimensions [mm] and Weights [kg]

DN ₁ x DN ₂	20x32	25x40	32x50	40x65	50x80	65x100	80x125	100x150	125x200	150x250
d ₀	18	23	29	37	46	60	74	92	98	125
l	95	100	110	115	120	140	160	180	200	225
l 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	DN 125	DN 150
0.2	84	137	217	354	547	930	1410	2180	2480	4030
0.5	130	212	337	549	849	1440	2190	3390	3850	6260
1.0	189	308	490	798	1230	2090	3190	4930	5590	9100
2.0	302	493	783	1270	1970	3350	5100	7880	8940	14500
3.0	406	663	1050	1710	2650	4510	6860	10600	12000	19500
4.0	507	827	1310	2140	3300	5620	8560	13200	15000	24400
5.0	607	990	1570	2560	3960	6740	10200	15800	17900	29200
6.0	706	1150	1830	2980	4610	7840	11900	18400	20900	34000
7.0	806	1310	2090	3400	5260	8950	13600	21000	23800	38000
8.0	905	1470	2340	3820	5910	10000	15200	23600	26800	43600
9.0	1000	1630	2600	4240	6550	11100	16900	26200	29700	48400
10.0	1100	1800	2860	4660	7200	12200	18600	28800	32600	53100
12.0	1300	2120	3370	5490	8490	14400	21900	33900	38500	62700
14.0	1490	2440	3890	6330	9780	16600	25300	39100	44400	72000
16.0	1690	2770	4400	7170	11000	18800	28600	44300	50300	81800
18.0	1890	3090	4910	8000	12300	21000	32000	49500	56100	91400
20.0	2090	3410	5430	8840	13600	23200	25300	54600	62000	100000
22.0	2290	3740	5950	9680	14900	25400	38700	59900	67900	111000
24.0	2490	4070	6470	10500	16200	27700	42100	65100	73900	120000
26.0	2690	4390	6990	11300	17500	29900	45500	70400		
28.0	2890	4720	7510	12200	18900	32100	48900	75600		
30.0	3090	5050	8030	13000	20200	34400	52300	80900		
32.0	3290	5380	8560	13900	21500	36600	55700	86200		

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

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