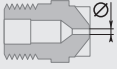


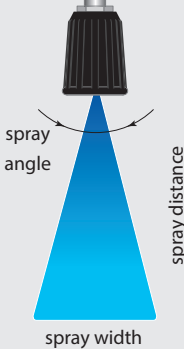
## Further information about high pressure nozzles

Output in l/min depends on pressure in bar



		Pressure in bar											
		120	130	140	150	160	175	200	225	250	300	400	500
D	Ø	2.4	2.5	2.6	2.7	2.8	2.9	3.1	3.3	3.5	3.8	4.4	4.9
01	0.59	3.7	3.8	4.0	4.2	4.3	4.5	4.8	5.1	5.4	5.9	6.7	7.5
015	0.71	4.8	5.0	5.3	5.4	5.6	5.9	6.3	6.7	7.0	7.7	8.9	9.9
02	0.84	6.1	6.4	6.6	6.9	7.1	7.5	8.0	8.5	9.0	9.9	11.4	12.7
025	0.94	7.4	7.7	8.0	8.3	8.6	9.0	9.6	10.2	10.7	11.8	13.5	15.1
03	1.03	8.6	8.9	9.2	9.5	9.8	10.3	11.0	11.7	12.3	13.8	15.5	17.8
035	1.10	10.3	10.7	11.1	11.5	11.9	12.4	13.3	14.1	14.8	16.3	18.7	20.9
04	1.21	10.9	11.4	11.8	12.2	12.6	13.2	14.1	15.0	15.8	17.4	19.9	22.3
045	1.26	12.4	12.9	13.4	13.8	14.3	14.9	16.0	16.9	17.9	19.7	22.6	25.3
05	1.33	13.9	14.1	14.7	15.2	15.7	16.4	17.5	18.6	19.6	21.7	25.0	28.0
055	1.39	14.6	15.5	16.0	16.7	17.2	18.0	19.2	20.4	21.5	23.7	27.1	30.3
06	1.46	16.1	16.8	17.4	18.0	18.6	19.4	20.8	22.0	23.2	25.6	29.3	32.7
065	1.52	17.3	18.0	18.7	19.3	20.0	20.9	22.3	23.7	25.0	27.1	31.3	35.0
07	1.57	18.5	19.3	20.0	20.7	21.4	22.4	23.9	25.3	26.7	29.4	33.7	37.7
075	1.63	19.7	20.5	21.3	22.0	22.8	23.8	25.5	27.0	28.5	31.4	35.9	40.2
08	1.68	20.9	21.8	22.6	23.4	24.1	25.3	27.0	28.6	30.2	34.5	39.8	44.5
085	1.73	22.1	23.0	23.9	24.7	25.5	26.7	28.6	30.3	31.9	35.1	40.2	45.0
09	1.78	24.6	25.6	26.6	27.6	28.5	29.8	31.8	33.7	35.6	39.2	44.9	50.2
10	1.88	26.9	28.0	29.1	30.1	31.1	32.5	34.7	36.8	38.8	43.4	50.1	56.0
11	1.96	29.4	30.6	31.7	32.8	33.9	35.4	37.9	40.2	42.4	46.7	53.4	59.8
12	2.05	31.8	33.1	34.4	35.6	36.7	38.4	41.1	43.6	45.9	50.5	57.8	64.7
13	2.13	34.2	35.6	37.0	38.3	39.5	41.4	44.3	46.9	49.4	55.0	63.5	71.0
14	2.21	36.9	38.4	39.9	41.3	42.6	44.6	47.7	50.6	53.3	58.7	67.2	75.2
15	2.30	49.3	51.3	53.2	55.1	56.9	59.5	63.6	67.5	71.1	78.2	89.6	100.0
20	2.66	74.0	77.1	80.0	82.8	85.5	89.4	95.6	101.0	107.0	118.0	136.0	151.0
30	3.25	98.8	103.0	107.0	110.0	114.0	119.0	127.0	135.0	143.0	156.0	180.0	202.0
40	3.76	123.00	128.00	133.00	138.00	142.50	149.00	159.00	168.50	178.00	195.00	224.50	251.00
50	4.28												

## Spray width depending on spray angle and distance



Angle	Distance in cm										
	1	2	3	5	7	10	20	30	50	70	100
5°	0.09	0.17	0.26	0.44	0.61	0.87	1.75	2.62	4.37	6.11	8.73
10°	0.17	0.35	0.52	0.87	1.22	1.75	3.50	5.25	8.75	12.25	17.50
15°	0.26	0.53	0.79	1.32	1.84	2.63	5.27	7.90	13.17	18.43	26.33
20°	0.35	0.71	1.06	1.76	2.47	3.53	7.05	10.58	17.63	24.69	35.27
25°	0.44	0.89	1.33	2.22	3.10	4.43	8.87	13.30	22.17	31.04	44.34
40°	0.73	1.46	2.18	3.64	5.10	7.28	14.56	21.84	36.40	50.96	72.79
65°	1.27	2.55	3.82	6.37	8.92	12.74	25.48	38.22	63.71	89.19	127.41
80°	1.68	3.36	5.03	8.39	11.75	16.78	33.56	50.35	83.91	117.47	167.82
110°	2.86	5.71	8.57	14.28	19.99	28.56	57.13	85.69	142.81	199.94	285.63

Symbols  diameter  nozzle  flow