

NOZZLE FLOW CHARTS (THEORETICAL) - PSI/GPM

0° - NOZZLE (S-1, S-2, S-7)

Nozzle No.	1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	11,000	12,000	13,000	14,000	15,000	16,000	17,000	18,000	19,000	20,000
0000.5	.21	.30	.37	.42	.47	.52	.56	.60	.64	.67	.70	.73	.76	.79	.82	.85	.87	.89	.92	.95
0001	.31	.40	.53	.66	.75	.84	.90	.95	.98	1.0	1.05	1.09	1.14	1.18	1.22	1.27	1.3	1.34	1.38	1.41
0001.5	.63	.80	1.05	1.30	1.45	1.61	1.79	1.90	1.95	2.0	2.1	2.18	2.28	2.36	2.44	2.54	2.60	2.68	2.76	2.82
0002	1.0	1.4	1.7	2.0	2.2	2.5	2.6	2.8	3.0	3.2	3.36	3.51	3.65	3.79	3.92	4.05	4.17	4.29	4.41	4.53
0003	1.5	2.1	2.6	3.0	3.4	3.7	3.9	4.2	4.5	4.7	4.93	5.15	5.36	5.56	5.76	5.95	6.13	6.31	6.48	6.65
0004	2.0	2.8	3.5	4.0	4.5	4.9	5.3	5.6	6.0	6.3	6.61	6.9	7.18	7.45	7.72	7.97	8.2	8.45	8.68	8.91
0004.5	2.3	3.2	3.9	4.5	5.1	5.5	5.9	6.3	6.8	7.1	7.45	7.78	8.09	8.4	8.69	8.98	9.23	9.53	9.79	10.04
0005	2.5	3.5	4.3	5.0	5.6	6.2	6.6	7.1	7.5	7.9	8.29	8.69	9.01	9.35	9.68	9.99	10.3	10.6	10.89	11.17
0005.5	2.8	3.9	4.7	5.5	6.2	6.8	7.3	7.8	8.3	8.7	9.12	9.53	9.92	10.29	10.66	11.0	11.34	11.67	11.99	12.3
0006	3.0	4.2	5.2	6.0	6.8	7.4	7.9	8.5	9.0	9.5	9.96	10.41	10.83	11.24	11.64	12.02	12.39	12.75	13.09	13.44
0006.5	3.3	4.6	5.6	6.5	7.3	8.0	8.6	9.2	9.8	10.3	10.8	11.28	11.74	12.19	12.61	13.03	13.43	13.82	14.2	14.57
0007	3.5	4.9	6.0	7.0	7.9	8.6	9.2	9.9	10.5	11.1	11.64	12.16	12.66	13.13	13.59	14.04	14.47	14.89	15.3	15.69
0008	4.0	5.6	6.9	8.0	9.0	9.8	10.6	11.3	12.0	12.6	13.21	13.8	14.37	14.91	15.43	15.94	16.43	16.9	17.37	17.82
0009	4.5	6.3	7.7	9.0	10.2	11.1	11.9	12.7	13.5	14.2	14.89	15.56	16.19	16.8	17.39	17.96	18.51	19.05	19.6	20.1
0010	5.0	7.0	8.6	10.0	11.3	12.3	13.2	14.1	15.0	15.8	16.57	17.31	18.01	18.69	19.35	19.99	20.6	21.2	21.8	22.3
0012	6.0	8.4	10.3	12.0	13.6	14.8	15.8	16.9	18.0	19.0	19.93	20.81	21.66	22.48	23.27	24.0	24.8	25.5	26.2	26.9
0015	7.5	10.5	12.9	15.0	16.8	18.5	19.8	21.2	22.5	23.7	24.86	25.96	27.02	28.0	29.0	30.0	30.9	31.8	32.7	33.5
0020	10.0	14.0	17.2	20.0	22.4	24.6	26.4	28.2	30.0	31.6	33.14	34.6	36.0	37.4	38.7	40.0	41.2	42.4	43.6	44.7
0030	15.0	21.0	25.8	30.0	33.5	36.9	39.6	42.3	45.0	47.4	49.7	51.9	54.0	56.0	58.0	60.0	61.8	63.6	65.3	67.0
0040	20.0	28.0	34.4	40.0	44.7	49.2	52.8	56.4	60.0	63.2	66.3	69.2	72.0	74.8	77.4	79.9	82.4	84.8	87.1	89.4
0050	25.0	35.0	43.0	50.0	55.9	61.5	66.0	70.5	75.0	79.0	82.9	86.5	90.1	93.5	96.8	99.9	103.0	106.0	108.9	111.7

15° - FAN NOZZLE (S-3)

Nozzle No.	1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	11,000	12,000	13,000	14,000	15,000	16,000	17,000	18,000	19,000	20,000
1501	.31	.40	.53	.66	.75	.84	.90	.95	.98	1.0	1.05	1.09	1.14	1.18	1.22	1.27	1.3	1.34	1.38	1.41
1502	1.0	1.4	1.7	2.0	2.2	2.5	2.6	2.8	3.0	3.2	3.36	3.51	3.65	3.79	3.92	4.05	4.17	4.29	4.41	4.53
1503	1.5	2.1	2.6	3.0	3.4	3.7	3.9	4.2	4.5	4.7	4.93	5.15	5.36	5.56	5.76	5.95	6.13	6.31	6.48	6.65
1504	2.0	2.8	3.5	4.0	4.5	4.9	5.3	5.6	6.0	6.3	6.61	6.9	7.18	7.45	7.72	7.97	8.2	8.45	8.68	8.91
1505	2.5	3.5	4.3	5.0	5.6	6.2	6.6	7.1	7.5	7.9	8.29	8.69	9.01	9.35	9.68	9.99	10.3	10.6	10.89	11.17
1506	3.0	4.2	5.2	6.0	6.8	7.4	7.9	8.5	9.0	9.5	9.96	10.41	10.83	11.24	11.64	12.02	12.39	12.75	13.09	13.44
1507	3.5	4.9	6.0	7.0	7.9	8.6	9.2	9.9	10.5	11.1	11.64	12.16	12.66	13.13	13.59	14.04	14.47	14.89	15.3	15.69
1508	4.0	5.6	6.9	8.0	9.0	9.8	10.6	11.3	12.0	12.6	13.21	13.8	14.37	14.91	15.43	15.94	16.43	16.9	17.37	17.82
1509	4.5	6.3	7.7	9.0	10.2	11.1	11.9	12.7	13.5	14.2	14.89	15.56	16.19	16.8	17.39	17.96	18.51	19.05	19.6	20.1
1510	5.0	7.0	8.6	10.0	11.3	12.3	13.2	14.1	15.0	15.8	16.57	17.31	18.01	18.69	19.35	19.99	20.6	21.2	21.8	22.3
1512	6.0	8.4	10.3	12.0	13.6	14.8	15.8	16.9	18.0	19.0	19.93	20.81	21.66	22.48	23.27	24.0	24.8	25.5	26.2	26.9
1515	7.5	10.5	12.9	15.0	16.8	18.5	19.8	21.2	22.5	23.7	24.86	25.96	27.02	28.0	29.0	30.0	30.9	31.8	32.7	33.5
1520	10.0	14.0	17.2	20.0	22.4	24.6	26.4	28.2	30.0	31.6	33.14	34.6	36.0	37.4	38.7	40.0	41.2	42.4	43.6	44.7
1530	15.0	21.0	25.8	30.0	33.5	36.9	39.6	42.3	45.0	47.4	49.7	51.9	54.0	56.0	58.0	60.0	61.8	63.6	65.3	67.0
1540	20.0	28.0	34.4	40.0	44.7	49.2	52.8	56.4	60.0	63.2	66.3	69.2	72.0	74.8	77.4	79.9	82.4	84.8	87.1	89.4
1550	25.0	35.0	43.0	50.0	55.9	61.5	66.0	70.5	75.0	79.0	82.9	86.5	90.1	93.5	96.8	99.9	103.0	106.0	108.9	111.7