

Nozzle Number				Net Head														psi		
70 Series	80 Series	Nozzle Bore	Nozzle Bore	13	17	21	26	30	34	38	43	47	51	55	60	64	68	72	77	feet
3/8" NPT	3/4" NPT	Inches	mm	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0	54.0	METERS
14		0.219	5.56	0.32	0.37	0.42	0.46	0.49	0.53	0.56	0.59	0.62	0.64	0.67	0.70	0.72	0.74	0.77	0.79	
16		0.250	6.35	0.42	0.49	0.54	0.60	0.64	0.69	0.73	0.77	0.81	0.84	0.88	0.91	0.94	0.97	1.00	1.03	
18		0.281	7.14	0.53	0.62	0.69	0.75	0.81	0.87	0.92	0.97	1.02	1.07	1.11	1.15	1.19	1.23	1.27	1.30	
20		0.313	7.94	0.66	0.76	0.85	0.93	1.00	1.07	1.14	1.20	1.26	1.32	1.37	1.42	1.47	1.52	1.57	1.61	
22	22	0.344	8.73	0.80	0.92	1.03	1.13	1.22	1.30	1.38	1.45	1.52	1.59	1.66	1.72	1.78	1.84	1.89	1.95	
24	24	0.375	9.53	0.95	1.09	1.22	1.34	1.45	1.55	1.64	1.73	1.81	1.89	1.97	2.05	2.12	2.19	2.25	2.32	
26	26	0.406	10.32	1.11	1.28	1.43	1.57	1.70	1.81	1.92	2.03	2.13	2.22	2.31	2.40	2.48	2.57	2.65	2.72	
	28	0.438	11.11	1.29	1.49	1.66	1.82	1.97	2.10	2.23	2.35	2.47	2.58	2.68	2.78	2.88	2.98	3.07	3.16	
	30	0.469	11.91	1.48	1.71	1.91	2.09	2.26	2.42	2.56	2.70	2.83	2.96	3.08	3.20	3.31	3.42	3.52	3.62	
	32	0.500	12.70	1.68	1.94	2.17	2.38	2.57	2.75	2.92	3.07	3.22	3.37	3.50	3.64	3.76	3.89	4.01	4.12	
	34	0.531	13.49	1.90	2.19	2.45	2.69	2.90	3.10	3.29	3.47	3.64	3.80	3.96	4.11	4.25	4.39	4.52	4.65	
	36	0.563	14.29	2.13	2.46	2.75	3.01	3.25	3.48	3.69	3.89	4.08	4.26	4.43	4.60	4.76	4.92	5.07	5.22	
	38	0.594	15.08	2.37	2.74	3.06	3.36	3.63	3.88	4.11	4.33	4.55	4.75	4.94	5.13	5.31	5.48	5.65	5.81	
	40	0.625	15.88	2.63	3.04	3.40	3.72	4.02	4.30	4.56	4.80	5.04	5.26	5.48	5.68	5.88	6.07	6.26	6.44	
	42	0.656	16.67	2.90	3.35	3.74	4.10	4.43	4.74	5.02	5.29	5.55	5.80	6.04	6.26	6.48	6.70	6.90	7.10	
	44	0.688	17.46	3.18	3.67	4.11	4.50	4.86	5.20	5.51	5.81	6.09	6.37	6.62	6.88	7.12	7.35	7.58	7.80	

Nozzle Flow, liters/sec

Nozzle Number				Net Head														psi		
70 Series	80 Series	Nozzle Bore	Nozzle Bore	13	17.3	21.7	26	30.3	34.6	39	43.3	47.6	52	56.3	60.6	65	69.3	73.6	77.9	FEET
3/8" NPT	3/4" NPT	Inches	mm	9.1	12.2	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	meters
14		0.219	5.56	5	6	7	7	8	8	9	9	10	10	11	11	12	12	12	13	
16		0.250	6.35	7	8	9	10	10	11	12	12	13	13	14	15	15	16	16	16	
18		0.281	7.14	9	10	11	12	13	14	15	16	16	17	18	18	19	20	20	21	
20		0.313	7.94	11	12	14	15	16	17	18	19	20	21	22	23	23	24	25	26	
22	22	0.344	8.73	13	15	16	18	19	21	22	23	24	25	26	27	28	29	30	31	
24	24	0.375	9.53	15	17	20	21	23	25	26	28	29	30	31	33	34	35	36	37	
26	26	0.406	10.32	18	21	23	25	27	29	31	32	34	36	37	38	40	41	42	43	
	28	0.438	11.11	21	24	27	29	31	34	36	38	39	41	43	44	46	48	49	50	
	30	0.469	11.91	24	27	31	33	36	39	41	43	45	47	49	51	53	55	56	58	
	32	0.500	12.70	27	31	35	38	41	44	47	49	52	54	56	58	60	62	64	66	
	34	0.531	13.49	30	35	39	43	46	50	53	55	58	61	63	66	68	70	72	74	
	36	0.563	14.29	34	39	44	48	52	56	59	62	65	68	71	74	76	79	81	83	
	38	0.594	15.08	38	44	49	54	58	62	66	69	73	76	79	82	85	88	90	93	
	40	0.625	15.88	42	49	54	59	64	69	73	77	80	84	87	91	94	97	100	103	
	42	0.656	16.67	46	54	60	66	71	76	80	85	89	93	96	100	104	107	110	113	
	44	0.688	17.46	51	59	66	72	78	83	88	93	97	102	106	110	114	117	121	125	

Nozzle Flow, gpm

Nozzle Number				Net Head																PSI feet meters
				15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
70 Series	80 Series	Nozzle Bore	Nozzle Bore	35	46	58	69	81	92	104	115	127	138	150	162	173	185	196	208	
3/8" NPT	3/4" NPT	Inches	mm	10.6	14.1	17.6	21.1	24.6	28.1	31.7	35.2	38.7	42.2	45.7	49.2	52.8	56.3	59.8	63.3	
14		0.219	5.56	6	6	7	8	8	9	10	10	11	11	12	12	12	13	13	14	
16		0.250	6.35	7	8	9	10	11	12	13	13	14	14	15	16	16	17	17	18	
18		0.281	7.14	9	11	12	13	14	15	16	17	18	18	19	20	20	21	22	22	
20		0.313	7.94	11	13	15	16	17	18	20	21	22	23	23	24	25	26	27	28	
22	22	0.344	8.73	14	16	18	19	21	22	24	25	26	27	28	30	31	32	33	33	
24	24	0.375	9.53	16	19	21	23	25	27	28	30	31	33	34	35	36	38	39	40	
26	26	0.406	10.32	19	22	25	27	29	31	33	35	37	38	40	41	43	44	45	47	
	28	0.438	11.11	22	26	29	31	34	36	38	40	42	44	46	48	49	51	53	54	
	30	0.469	11.91	25	29	33	36	39	41	44	46	49	51	53	55	57	59	60	62	
	32	0.500	12.70	29	33	37	41	44	47	50	53	55	58	60	62	65	67	69	71	
	34	0.531	13.49	33	38	42	46	50	53	56	60	62	65	68	70	73	75	78	80	
	36	0.563	14.29	37	42	47	52	56	60	63	67	70	73	76	79	82	84	87	90	
	38	0.594	15.08	41	47	53	58	62	67	71	74	78	81	85	88	91	94	97	100	
	40	0.625	15.88	45	52	58	64	69	74	78	82	86	90	94	98	101	104	107	111	
	42	0.656	16.67	50	57	64	70	76	81	86	91	95	100	104	108	111	115	118	122	
	44	0.688	17.46	55	63	71	77	83	89	95	100	105	109	114	118	122	126	130	134	

Nozzle Flow, gpm

Source File: http://www.geocities.com/turgo_gen/nozzles.xls