

Hydrogol 12 - Flow Rate (lph) Vs. Pressure (m)



Low Pressure

Pressure	12/25/1	12/25/2	12/25/3	12/35/1	12/35/2	12/35/3	12/40/1	12/40/2	12/40/3
6	0.76	1.7	2.39	0.72	1.68	2.40	0.69	1.62	2.21
8	0.88	1.98	2.73	0.84	1.93	2.63	0.80	1.81	2.51
10	0.98	2.2	3.01	0.93	2.16	2.92	0.90	2.08	2.83
12	1.07	2.39	3.28	1.02	2.36	3.19	0.99	2.27	3.08
14	1.15	2.57	3.50	1.10	2.52	3.45	1.07	2.45	3.33
16	1.22	2.75	3.76	1.18	2.7	3.68	1.14	2.61	3.57
18	1.29	2.91	3.96	1.23	2.85	3.89	1.21	2.76	3.77
20	1.36	3.07	4.15	1.31	3	4.08	1.28	2.91	3.96
22	1.42	3.19	4.38	1.38	3.14	4.26	1.34	3.05	4.15
24	1.48	3.34	4.50	1.43	3.26	4.45	1.39	3.16	4.32
26				1.49	3.39	4.62	1.45	3.31	4.50
28				1.54	3.5	4.78	1.50	3.43	4.66
30				1.59	3.62	4.95	1.56	3.55	4.82
32				1.64	3.73	5.11	1.61	3.64	4.96
34							1.65	3.75	5.14

Pressure (m)	12/25/1
0.5	0.24
1	0.33
1.5	0.39
2	0.45
2.5	0.50
3	0.55
3.5	0.59
4	0.63
4.5	0.66
5	0.70
5.5	0.73
6	0.76
6.5	0.79
7	0.82
7.5	0.85
8	0.88

Hydrogol 12 - Flow Rate (gph) Vs. Pressure (psi)

Pressure	12/25/1	12/25/2	12/25/3	12/35/1	12/35/2	12/35/3	12/40/1	12/40/2	12/40/3
8.7	0.201	0.449	0.631	0.190	0.444	0.634	0.182	0.428	0.584
11.6	0.232	0.523	0.721	0.222	0.510	0.695	0.211	0.478	0.663
14.5	0.259	0.581	0.795	0.246	0.571	0.771	0.238	0.549	0.748
17.4	0.283	0.631	0.866	0.269	0.623	0.843	0.262	0.600	0.814
20.3	0.304	0.679	0.925	0.291	0.666	0.911	0.283	0.647	0.880
23.2	0.322	0.726	0.993	0.312	0.713	0.972	0.301	0.689	0.943
26.1	0.341	0.769	1.046	0.325	0.753	1.028	0.320	0.729	0.996
29.0	0.359	0.811	1.096	0.346	0.793	1.078	0.338	0.769	1.046
31.9	0.375	0.843	1.157	0.365	0.829	1.125	0.354	0.806	1.096
34.8	0.391	0.882	1.189	0.378	0.861	1.176	0.367	0.835	1.141
37.7				0.394	0.896	1.220	0.383	0.874	1.189
40.6				0.407	0.925	1.263	0.396	0.906	1.231
43.5				0.420	0.956	1.308	0.412	0.938	1.273
46.4				0.433	0.985	1.350	0.425	0.962	1.310
49.3							0.436	0.991	1.358

Hydrogol 16 - Flow Rate (l/h) Vs. Pressure (m)



Pressure	16/25/1	16/35/1	16/40/1	16/45/1	16/25/1.6	16/35/1.6	16/40/1.6	16/45/1.6	16/25/2	16/35/2	16/40/2	16/45/2	16/25/4	16/35/4	16/40/4	16/45/4	16/25/8	16/35/8	16/40/8	16/45/8
6	0.92	0.83	0.78	0.77	1.45	1.39	1.24	1.18	1.74	1.71	1.61	1.6	3.4	3.16	3.04	2.99	8.37	8.31	7.99	7.36
8	1.09	0.96	0.9	0.88	1.71	1.59	1.44	1.36	2.01	1.96	1.85	1.82	3.95	3.67	3.52	3.41	9.71	9.56	9.33	8.48
10	1.22	1.06	1.01	0.98	1.9	1.78	1.60	1.52	2.24	2.19	2.06	2	4.39	4.11	3.92	3.78	10.93	10.71	10.45	9.49
12	1.34	1.17	1.1	1.08	2.07	1.95	1.75	1.66	2.45	2.40	2.25	2.18	4.79	4.5	4.27	4.11	11.92	11.73	11.43	10.39
14	1.44	1.25	1.18	1.17	2.22	2.10	1.89	1.79	2.65	2.62	2.43	2.35	5.18	4.86	4.6	4.43	12.93	12.7	12.47	11.24
16	1.53	1.34	1.26	1.26	2.38	2.24	2.02	1.90	2.83	2.78	2.59	2.5	5.54	5.19	4.91	4.69	14.63	13.6	13.04	12.03
18	1.63	1.42	1.34	1.32	2.51	2.37	2.13	2.02	3	2.96	2.75	2.64	5.83	5.51	5.15	4.97	15.49	14.41	13.92	12.69
20	1.71	1.5	1.41	1.38	2.64	2.49	2.24	2.12	3.16	3.09	2.89	2.77	6.16	5.8	5.46	5.24		15.07	14.84	13.38
22	1.79	1.56	1.48	1.46	2.76	2.61	2.35	2.23	3.33	3.24	3.03	2.9	6.45	6.08	5.74	5.49		15.98	15.68	14.05
24	1.87	1.64	1.54	1.54	2.88	2.73	2.46	2.32	3.47	3.38	3.15	3.01	6.72	6.36	5.97	5.7		16.61	16.17	14.54
26	1.94	1.69	1.59	1.57	3	2.84	2.55	2.42	3.63	3.53	3.27	3.14	6.98	6.61	6.22	5.93		17.21	16.81	15.28
28		1.76	1.66	1.63		2.93	2.64	2.51		3.64	3.4	3.24		6.86	6.46	6.15		17.72	17.51	15.85
30		1.81	1.71	1.7		3.03	2.73	2.58		3.77	3.51	3.35		7.1	6.65	6.34		18.52	18.12	16.32
32		1.87	1.76	1.74		3.12	2.82	2.66		3.88	3.61	3.45		7.33	6.86	6.54		19.06	18.64	16.87
34		1.92	1.8	1.8		3.23	2.90	2.74		4.00	3.71	3.56		7.55	7.04	6.73		19.35	19.34	17.41

Hydrogol 16 - Flow Rate (gph) Vs. Pressure (psi)



Pressure	16/25/1	16/35/1	16/40/1	16/45/1	16/25/1.6	16/35/1.6	16/40/1.6	16/45/1.6	16/25/2	16/35/2	16/40/2	16/45/2	16/25/4	16/35/4	16/40/4	16/45/4	16/25/8	16/35/8	16/40/8	16/45/8
8.70	0.243	0.219	0.206	0.203	0.383	0.367	0.328	0.312	0.460	0.452	0.425	0.423	0.898	0.835	0.803	0.790	2.211	2.195	2.111	1.944
11.60	0.288	0.254	0.238	0.232	0.452	0.420	0.380	0.359	0.531	0.518	0.489	0.481	1.043	0.970	0.930	0.901	2.565	2.525	2.465	2.240
14.50	0.322	0.280	0.267	0.259	0.502	0.470	0.423	0.402	0.592	0.579	0.544	0.528	1.160	1.086	1.036	0.999	2.887	2.829	2.761	2.507
17.40	0.354	0.309	0.291	0.285	0.547	0.515	0.462	0.439	0.647	0.634	0.594	0.576	1.265	1.189	1.128	1.086	3.149	3.099	3.019	2.745
20.31	0.380	0.330	0.312	0.309	0.586	0.555	0.499	0.473	0.700	0.692	0.642	0.621	1.368	1.284	1.215	1.170	3.416	3.355	3.294	2.969
23.21	0.404	0.354	0.333	0.333	0.629	0.592	0.534	0.502	0.748	0.734	0.684	0.660	1.464	1.371	1.297	1.239	3.865	3.593	3.445	3.178
26.11	0.431	0.375	0.354	0.349	0.663	0.626	0.563	0.534	0.793	0.782	0.726	0.697	1.540	1.456	1.360	1.313	4.092	3.807	3.677	3.352
29.01	0.452	0.396	0.372	0.365	0.697	0.658	0.592	0.560	0.835	0.816	0.763	0.732	1.627	1.532	1.442	1.384		3.981	3.920	3.535
31.91	0.473	0.412	0.391	0.386	0.729	0.689	0.621	0.589	0.880	0.856	0.800	0.766	1.704	1.606	1.516	1.450		4.221	4.142	3.712
34.81	0.494	0.433	0.407	0.407	0.761	0.721	0.650	0.613	0.917	0.893	0.832	0.795	1.775	1.680	1.577	1.506		4.388	4.272	3.841
37.71	0.512	0.446	0.420	0.415	0.793	0.750	0.674	0.639	0.959	0.933	0.864	0.829	1.844	1.746	1.643	1.567		4.546	4.441	4.037
40.61		0.465	0.439	0.431		0.774	0.697	0.663		0.962	0.898	0.856		1.812	1.707	1.625		4.681	4.626	4.187
43.51		0.478	0.452	0.449		0.800	0.721	0.682		0.996	0.927	0.885		1.876	1.757	1.675		4.892	4.787	4.311
46.41		0.494	0.465	0.460		0.824	0.745	0.703		1.025	0.954	0.911		1.936	1.812	1.728		5.035	4.924	4.457
49.31		0.507	0.476	0.476		0.853	0.766	0.724		1.057	0.980	0.940		1.994	1.860	1.778		5.112	5.109	4.599

Hydrogol 20 - Flow Rate(l/h) Vs. Pressure(m)



Pressure	20/35/1.2	20/40/1.2	20/45/1.2	20/47/1.2	20/35/2	20/40/2	20/45/2	20/47/2	20/35/2.5	20/40/2.5	20/35/3	20/40/3	20/45/3	20/47/3	20/35/4	20/40/4	20/47/4
6		0.95	0.91	0.89	1.76	1.71	1.66	1.67	2.11	1.97	2.47	2.4	2.34	2.37	3.62	3.38	3.41
8		1.08	1.05	1.02	2.05	1.99	1.93	1.93	2.44	2.3	2.89	2.78	2.7	2.76	4.2	3.95	3.92
10		1.20	1.17	1.14	2.3	2.24	2.15	2.15	2.75	2.57	3.23	3.11	3.02	3.07	4.7	4.45	4.39
12		1.31	1.28	1.24	2.53	2.46	2.35	2.35	3.01	2.83	3.54	3.4	3.29	3.35	5.14	4.89	4.79
14		1.42	1.37	1.34	2.73	2.66	2.54	2.53	3.25	3.06	3.82	3.67	3.51	3.62	5.57	5.29	5.17
16		1.52	1.47	1.42	2.93	2.84	2.71	2.71	3.48	3.27	4.08	3.92	3.81	3.87	5.95	5.66	5.54
18		1.60	1.55	1.50	3.1	3.02	2.88	2.87	3.69	3.46	4.33	4.15	4.02	4.09	6.33	6.03	5.9
20		1.69	1.63	1.58	3.26	3.18	3.02	3.01	3.9	3.65	4.56	4.39	4.22	4.3	6.67	6.36	6.2
22		1.76	1.70	1.66	3.42	3.34	3.17	3.16	4.08	3.83	4.79	4.59	4.41	4.51	6.99	6.68	6.48
24		1.84	1.78	1.73	3.58	3.48	3.3	3.29	4.26	4	5.01	4.79	4.61	4.7	7.37	6.99	6.78
26		1.91	1.85	1.80	3.73	3.63	3.42	3.41	4.43	4.17	5.2	5	4.78	4.89	7.6	7.28	7.01
28		1.98	1.91	1.87	3.86	3.77	3.55	3.53	4.6	4.32	5.38	5.16	4.97	5.07	7.89	7.57	7.26
30			1.98	1.93	3.99	3.90	3.68	3.65	4.75	4.47	5.57	5.38	5.13	5.23	8.11	7.83	7.55
32			2.04	1.99	4.12	4.03	3.79	3.76	4.91	4.61	5.75	5.52	5.3	5.39	8.4	8.08	7.78
34			2.10	2.05	4.25	4.15	3.9	3.87	5.05	4.76	5.91	5.67	5.46	5.53	8.68	8.34	8

Hydrogol 20 - Flow Rate(gph) Vs. Pressure(psi)

Pressure	20/35/1.2	20/40/1.2	20/45/1.2	20/47/1.2	20/35/2	20/40/2	20/45/2	20/47/2	20/35/2.5	20/40/2.5	20/35/3	20/40/3	20/45/3	20/47/3	20/35/4	20/40/4	20/47/4
8.70				0.234	0.465	0.452	0.439	0.441	0.557	0.520	0.652	0.634	0.618	0.626	0.956	0.893	0.901
11.60				0.269	0.542	0.526	0.510	0.510	0.645	0.608	0.763	0.734	0.713	0.729	1.110	1.043	1.036
14.50				0.301	0.608	0.592	0.568	0.568	0.726	0.679	0.853	0.822	0.798	0.811	1.242	1.176	1.160
17.40				0.328	0.668	0.650	0.621	0.621	0.795	0.748	0.935	0.898	0.869	0.885	1.358	1.292	1.265
20.31				0.354	0.721	0.703	0.671	0.668	0.859	0.808	1.009	0.970	0.927	0.956	1.471	1.397	1.366
23.21				0.375	0.774	0.750	0.716	0.716	0.919	0.864	1.078	1.036	1.006	1.022	1.572	1.495	1.464
26.11				0.397	0.819	0.798	0.761	0.758	0.975	0.914	1.144	1.096	1.062	1.080	1.672	1.593	1.559
29.01				0.418	0.861	0.840	0.798	0.795	1.030	0.964	1.205	1.160	1.115	1.136	1.762	1.680	1.638
31.91				0.438	0.903	0.882	0.837	0.835	1.078	1.012	1.265	1.213	1.165	1.191	1.847	1.765	1.712
34.81				0.457	0.946	0.919	0.872	0.869	1.125	1.057	1.323	1.265	1.218	1.242	1.947	1.847	1.791
37.71				0.475	0.985	0.959	0.903	0.901	1.170	1.102	1.374	1.321	1.263	1.292	2.008	1.923	1.852
40.61				0.493	1.020	0.996	0.938	0.933	1.215	1.141	1.421	1.363	1.313	1.339	2.084	2.000	1.918
43.51				0.509	1.054	1.030	0.972	0.964	1.255	1.181	1.471	1.421	1.355	1.382	2.142	2.068	1.994
46.41				0.527	1.088	1.065	1.001	0.993	1.297	1.218	1.519	1.458	1.400	1.424	2.219	2.134	2.055
49.31				0.543	1.123	1.096	1.030	1.022	1.334	1.257	1.561	1.498	1.442	1.461	2.293	2.203	2.113