

Sheet3

Pipe	S.No	Pressure drop	Discharge (Q)	Velocity (V)	f(exp)	Re	f(Colebrook)	f(Moody's chart)
3.5 mm SS pipe 0.0035 9.61625E-06	1	0.162	1.4	2.4264	0.0193	9542.212362	0.037	0.037
	2	0.114	1.1	1.9065	0.0220	7497.45257	0.038	0.038
	3	0.1	1	1.7332	0.0233	6815.865973	0.039	0.039
	4	0.064	0.7	1.2132	0.0304	4771.106181	0.042	0.042
	5	0.05	0.6	1.0399	0.0324	4089.519584	0.043	0.043
6.5 mm SS pipe 0.0065 3.31663E-05	1	0.032	7.3	3.6684	0.0031	26791.59625	0.025	0.029
	2	0.032	6.2	3.1156	0.0043	22754.5064	0.025	0.029
	3	0.032	4.8	2.4121	0.0072	17616.39205	0.03	0.03
	4	0.024	2.3	1.1558	0.0234	8441.187859	0.035	0.035
	5	0.02	0.4	0.2010	0.6435	1468.032671	0.056	0.043
9.5 mm SS pipe 0.0095 7.08463E-05	1	0.032	14	3.2935	0.0056	35155.51923	0.022	0.026
	2	0.031	12.8	3.0112	0.0065	32142.18901	0.023	0.026
	3	0.028	6.8	1.5997	0.0208	17075.53791	0.023	0.029
	4	0.022	3.9	0.9175	0.0497	9793.323214	0.024	0.033
	5	0.017	0.5	0.1176	2.3345	1255.554258	0.036	0.051
16.5 mm SS pipe 0.0165 0.000213716	1	0.014	28	2.1836	0.0097	40482.11305	0.02	0.024
	2	0.013	26.6	2.0744	0.0100	38458.0074	0.02	0.024
	3	0.012	24.5	1.9106	0.0108	35421.84892	0.02	0.025
	4	0.006	15.1	1.1776	0.0143	21831.42525	0.021	0.027
	5	0.002	8.3	0.6473	0.0158	12000.05494	0.022	0.03