

**KDS006 Water Head Loss in Medium Steel Pipe to AS1074
 at 20°C**

Flow Rate (l/s)	Head Loss (metres per 100 metres of pipe)						
	Nom. 25	Nom. 40	Nom. 50	Nom. 65	Nom. 80	Nom. 100	Nom.150
0.10	0.24	0.03					
0.20	0.87	0.11	0.03				
0.30	1.83	0.23	0.07	0.02			
0.40	3.12	0.39	0.12	0.04	0.02		
0.50	4.71	0.59	0.19	0.05	0.02		
0.60	6.60	0.82	0.26	0.07	0.03		
0.70	8.78	1.09	0.35	0.10	0.05		
0.80	11.24	1.40	0.45	0.13	0.06	0.02	
1.00	16.99	2.11	0.67	0.19	0.09	0.02	
1.20	23.80	2.96	0.94	0.27	0.12	0.03	
1.40		3.94	1.26	0.36	0.16	0.04	
1.60		5.04	1.61	0.45	0.21	0.06	
1.80		6.27	2.00	0.57	0.26	0.07	
2.00		7.62	2.43	0.69	0.31	0.09	
2.50		11.51	3.67	1.04	0.47	0.13	0.02
3.00		16.13	5.14	1.46	0.66	0.18	0.03
3.50		21.46	6.84	1.94	0.88	0.24	0.04
4.00			8.76	2.48	1.13	0.31	0.05
4.50			10.89	3.08	1.41	0.39	0.06
5.00			13.23	3.74	1.71	0.47	0.07
5.50			15.78	4.47	2.04	0.56	0.08
6.00			18.54	5.25	2.40	0.66	0.10
8.00				8.93	4.08	1.13	0.17
10.00				13.50	6.17	1.71	0.25
15.00				28.58	13.06	3.61	0.54
20.00					22.24	6.15	0.92
30.00						13.02	1.94
40.00						22.17	3.31
50.00						33.50	5.00
60.00							7.00
80.00							11.92
100.00							18.02

Notes:

- Based on Hazen-Williams Formula with C = 120.