

KDS007 Water Head Loss (Approximate) for Fittings and Valves

Nominal Pipe Size (mm)	Fitting or Valve Type				
	Standard 90° Bend	Foot Valve & Strainer	Non-Return Valve	Gate Valve (Fully Open)	Tee Piece of Sharp Elbow
25	0.76	0.34	0.30	0.24	0.82
40	1.13	0.52	0.49	0.37	1.31
50	1.52	0.73	0.67	0.52	1.80
65	1.95	0.91	0.85	0.64	2.32
75	2.44	1.10	1.07	0.79	2.87
100	3.26	1.52	1.43	1.10	3.96
150	5.27	2.47	2.32	1.77	6.40

Notes:

- Values are given in metres of equivalent straight pipe.
- These values are approximate only. Head losses vary between manufacturers for equivalent types of fittings and for differing velocities. For more accurate data, consult the manufacturers' published data.