



Fig. 15. Variation of the non-dimensional pressure drop across the stenosis with the Reynolds number and stenosis configuration both for Newtonian and viscoelastic fluid models. Here, two probe locations, namely, one upstream ($-16 R (x_1), 0 (x_2), 0 (x_3)$) and one downstream ($16 R (x_1), 0 (x_2), 0 (x_3)$) were used to calculate pressure difference.