Supplementary material for the article:

Lift on side by side disks within a granular flow

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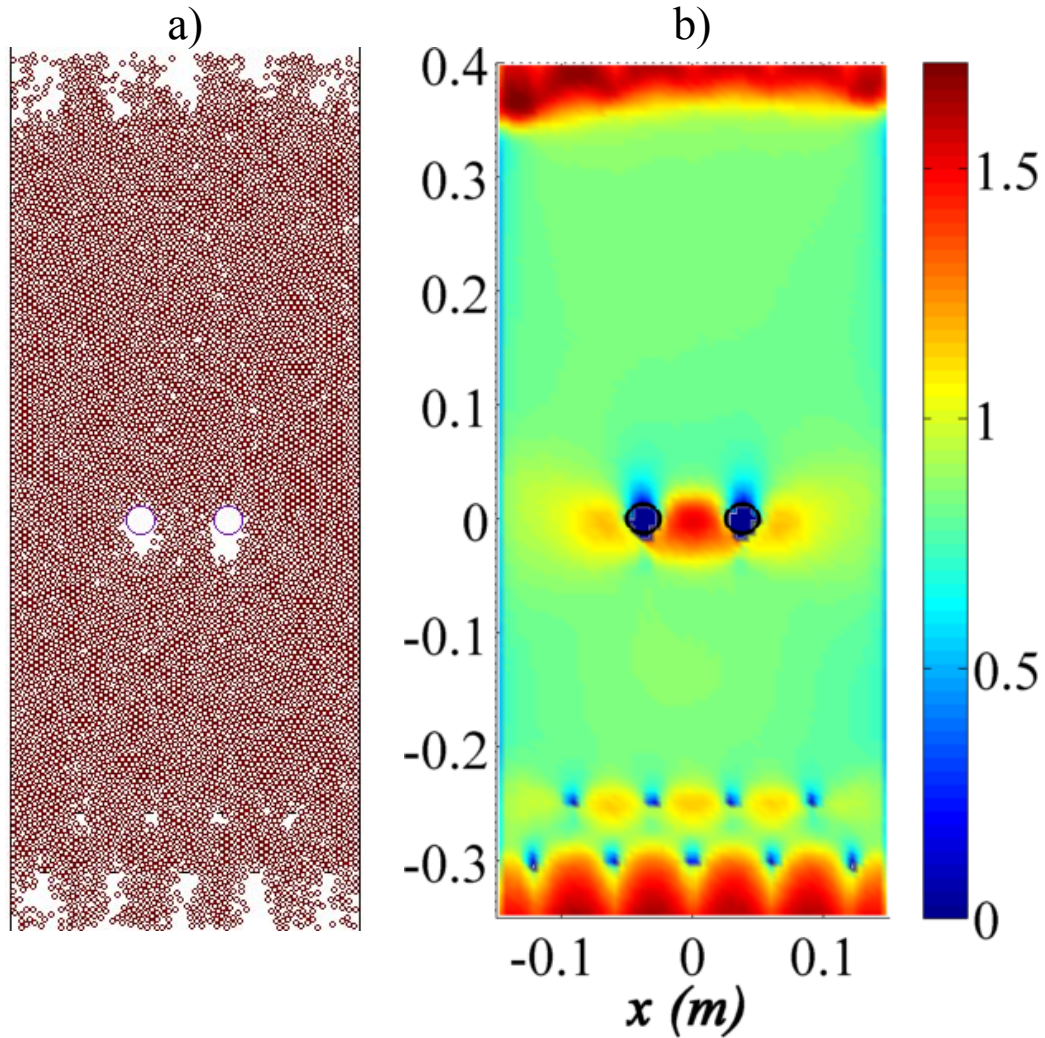
Figure 1: a) Snap shot of a simulation in the stationary state with $X_{sep} = 5\ cm$ and $U_\infty = 0.83\ m/s$, which corresponds to an attractive lift force. b) Velocity field of the simulation shown in (a). The average velocity is measured in small squares of size d per side. The color code is in m/s.
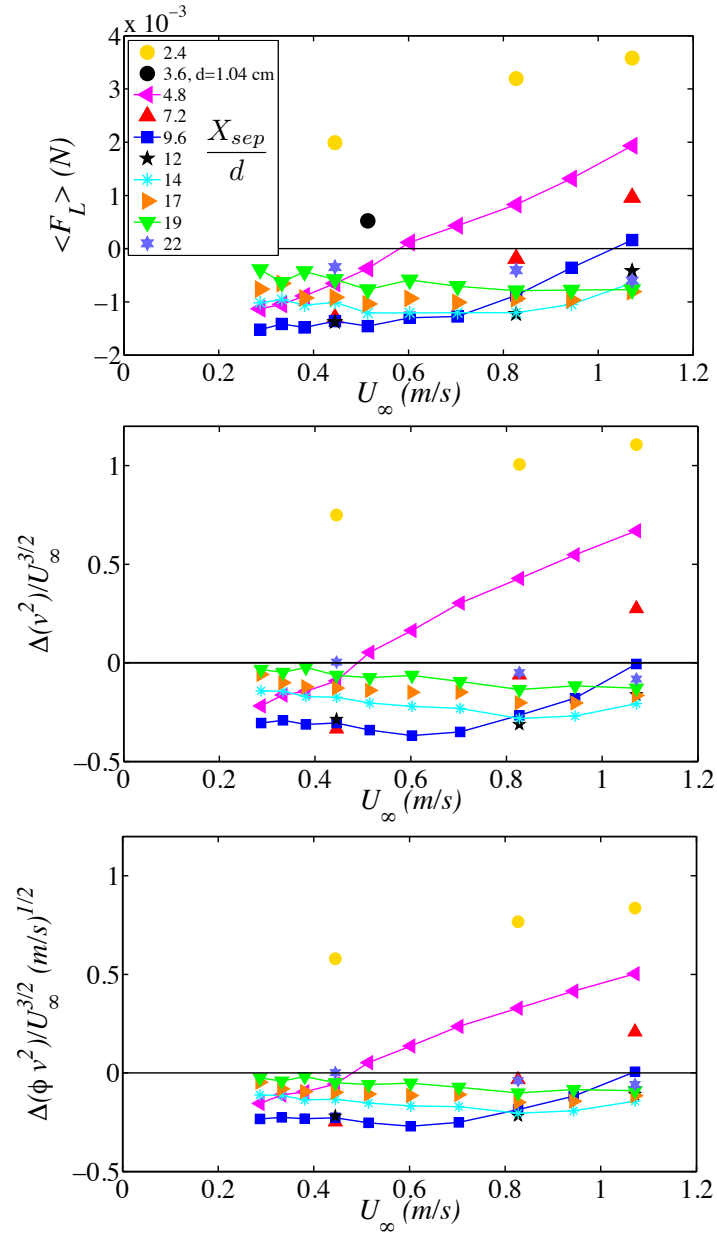
Figure 2: Effect of packing density.