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Wall effects for spherical particle in confined shear-thickening fluids

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Highlights

- Wall effects for spherical particle in shear-thickening fluids were studied.
- Drag coefficient decreases with increase in Reynolds number.
- Relation between drag coefficient and flow behaviour index was studied and explained.
- Length of recirculation wakes under various conditions was given.
- Influence may be neglected if wall is far enough from the particle

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