(i) Due to rotation, Taylor number has stabilizing effect for stationary convection.

(ii) Solute Rayleigh number, thermo-nanofluid Lewis number, modified diffusivity ratio, nanoparticle Rayleigh number and medium permeability have destabilizing effect for stationary convection.

The Walters` (model B`) elastico-viscous nanofluid react similar to regular Newtonian nanofluid for stationary convection.

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