	Reactive centrifugal force	Inertial centrifugal force
Reference frame	Any	Only rotating frames
Exerted *by*	Bodies undergoing rotation	Acts as if emanating from the rotation axis, it is a so-called fictitious force or d'Alembert force
Exerted *upon*	The constraint that causes the inward centripetal force	All bodies, moving or not; if moving, coriolis force is present as well
Direction	Opposite to the centripetal force	Away from rotation axis, regardless of path of body
Kinetic analysis	Part of an action-reaction pair with a centripetal force as per Newton's third law	Included as a fictitious force in Newton's second law according to D'Alembert's principle and is never part of an action-reaction pair with a centripetal force