

## Counterbalanced Hinges Provide Fingertip Convenience for Lifting and Positioning

This line of standard ST-12C counterbalanced hinges provides consistent, high-torque performance in a compact package, enabling equipment operators to lift and position hinged components with less effort. Ease-of-movement and no-slip positioning allow intuitive operation of display screens, doors, access panels, and other movable components in medical equipment. Multiple options for counterbalancing torque, plus the ability to imbed the hinges within product housings, offer product designers desirable options in terms of both aesthetics and physical performance relative to other existing hardware. The counterbalance design requires less effort to move heavier objects as compared to friction-only hinges. Unlike gas struts that can also infringe on sleek exterior designs or partially obstruct access to enclosures, performance is not compromised by temperature or extended use over time. The ST-12C constant-torque design provides consistent long-term performance, without the need for maintenance or adjustment and an integral counterbalancing spring provides for lifting assistance in one direction to minimize the weight felt by the user. By combining both lifting and positioning properties in the same unit, these hinges eliminate the need for a secondary mechanical device to hold an object in place.

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