ADJUSTABLE SOFT-DOWN STAY

NSDX-35

- For UPWARD-OPENING FLAP DOOR with piano, concealed butt or drop hinges.
- Opening angle 80°, 90° or 100°.
- NSDX-35 is designed to hold door in fully opened position.
- Speed adjustment screw located on front for easy adjustment.
- Handed: Specific left and right hand mounting.
- Torque Calculation:
  - Torque = Door Height x 1/2 x Door Weight
  - Per Piece: 20~70 kg cm (19~60 lbs inch)
  - Per Pair: 40~140 kg cm (38~120 lbs inch)

This drawing shows NSDX-35RK (right-hand side mounting).
NSDX-35LK (left-hand) is symmetrical.

Material Finish
Zinc Alloy Nickel Steel

Item No. Weight (g) Box (pcs) Carton (pcs) Material Finish
NSDX-35RK Right 181 20 80 Zinc Alloy Nickel
NSDX-35LK Left 181 20 80

Arm Mounting Plate

Door edge in case of CONCEALED HINGE
Speed adjustment screw
Soft-close

Opening Angle Hinge Type A B C D E F
80° Concealed Hinge 106.0 (4-11/64") 105.0 (4-9/64")-S 121.0 (4-49/64")-S - - 115.0 (4-17/32")
  Piano/Butt Hinge 100.0 (3-15/16") - - 99.0 (3-57/64") 113.0 (4-29/64")-S - - 106.5 (4-3/16")
90° Concealed Hinge 98.0 (3-35/64") 97.0 (3-13/16")-S 113.0 (4-29/64")-S - - 90.5 (3-9/16") 106.5 (4-3/16")
  Piano/Butt Hinge 91.5 (3-39/64") - - - 84.0 (3-5/16") - -
100° Concealed Hinge 92.5 (3-41/64") 91.5 (3-39/64")-S 107.5 (4-15/64")-S - - - 100.0 (3-15/16")
  Piano/Butt Hinge 85.0 (3-11/32") - - - - -

Note: "S" dimension is the overlay coverage for concealed hinge(s).