



- NOTES:**
1. Do not scale drawing.
 2. Blocking in wood frames must be securely fastened to header to support closer body.
 3. Hollow-metal doors require channel or box-type reinforcement when through-bolt mount is specified.
 4. Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" [2.66mm] unless otherwise noted.
 5. Max. degree of opening: 140° [conditions permitting].
 6. Right hand door shown, Left hand opposite.
 7. Minimum ceiling clearance for closer cover: 3-1/2" [88.9 mm]
 8. To install the closer on a frame that is less than 3" [76.2mm], refer to template 80-7328-0014-020, available for download from NortonRixson.com.
 9. All dimensions in inches [mm].

*Minimum Ceiling Height

**2800ST Cam Action Door Closer,
Pull Side Application,
Frame Mounted; Frame Face 3" [76.2mm] or Greater**



TEMPLATE NUMBER	REV	DATE
7328-0012	1	10/23