



Opening	Dimension "A"
To 100°	7-1/2 (191)
101° to 130°	6 (152)
Over 130°	4-1/2 (114)

- NOTES:**
- Do not scale drawing.
 - Right hand door shown.
 - Dimensions are in inches (mm).
 - Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
 - Sex-bolts may be required for wood or plastic faced fire-door mounting.
 - Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm).

3000 Series Door Closer

Models 3381 and 3581 With or Without 3146 Back Plate

Regular Low Ceiling Arm Application

ACCENTRA

ASSA ABLOY

TEMPLATE NUMBER	REV	DATE
7303-0110	2	05/24