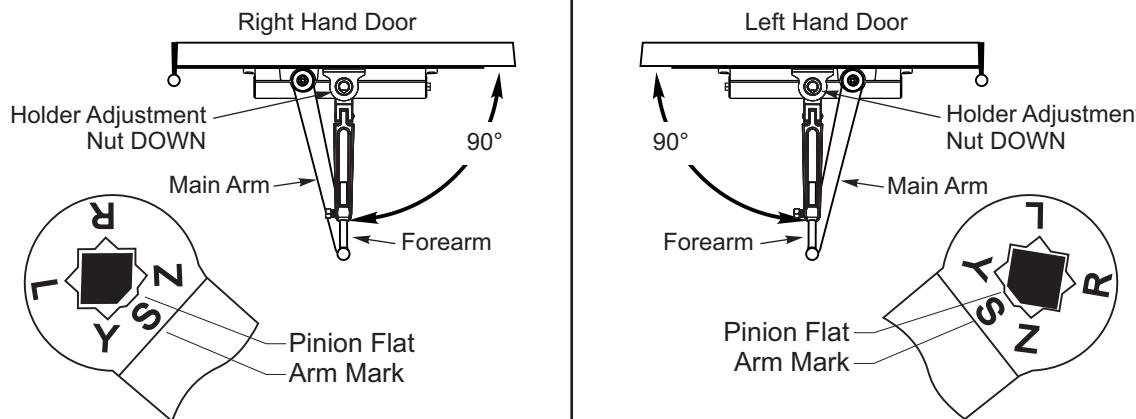


Position of Arm and Pinion Flat



Opening	Dimension "A"
To 100°	7-1/2 (191)
101° to 130°	6 (152)
131° to *180°	4-1/2 (114)

*Door/Wall/Hardware/Jamb
conditions permitting

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) unless otherwise noted.

3000 Series Door Closer
Models 3311, and 3511
Regular Hold Open Application

ACCENTRA
ASSA ABLOY

TEMPLATE NUMBER
7303-0105

REV 4
DATE 05/24