



Opening	Dim. "A"		Dim. "B"	
	inches	mm	inches	mm
To 100°	8-3/4	222	9-1/4	235
101° to 130°	7-1/4	184	7-3/4	197
131° to 150°	6-1/4	159	6-3/4	171
151° to 180°	5-1/4	133	5-3/4	146

Notes:

1. Do not scale drawing
2. Left hand door shown
3. Dimensions are in inches (mm).
4. **Caution: Door swing may be limited by door, frame, wall, or hardware conditions.**
5. Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
6. Sex-bolts required for wood or plastic faced fire-door mounting.
7. Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046 (3mm) unless otherwise noted.

Preparation for Fasteners			
	Fasteners	Door or Frame	Drill-Sizes
Standard	#14 SDST Type BSD or #14 SMS Type A	Wood	3/16" (5 mm) Pilot Hole Required
	1/4" - 20 machine screw	Metal	Drill: #7 (0.201" dia.) Tap: 1/4" - 20
Optional	Sleeve nuts and bolts	Hollow Metal	9/32" (7 mm) through; 3/8" (10 mm) door or transom-face opposite to closer
		Aluminum or Wood	3/8" (10 mm) through
	Through-bolts and grommet-nuts	All	9/32" (7 mm); 3/8" (10 mm) dia. x 3/8" (10 mm) deep on door or transom-face opposite to closer

**P7500 and P7700 Series Door Closers
 With or Without 7788 Drop Plate
 Parallel Arm Installation With Non-Hold Open Arm**



ASSA ABLOY

TEMPLATE NUMBER	REV	DATE
7377-0201	3	12/21