



NOTES:

1. Do not scale drawing.
2. Left hand door shown.
3. Dimensions given in inches (millimeters).
4. Hollow metal doors require channel or box type reinforcement when thru-bolt mount is specified.
5. SNB required to mount closer on steel covered composite type, sheet metal type, or hollow-metal type fire doors provided without reinforcements.
6. SNB or TBGN may be required to mount closer on wood or plastic faced composite type fire doors.
7. Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm) unless otherwise noted.

Opening	Dim. "A"	Dim. "B"	Dim. "C"
To 100°	9-1/4 (235)	7-5/8 (194)	8-5/8 (219)
101° to 130°	7-3/4 (197)	6-1/8 (156)	7-1/8 (181)
131° to 180°	5-3/4 (146)	4-1/8 (105)	5-1/8 (130)

PREPARATION FOR FASTENERS

Fastener	Door or Frame	Drill
#14 type "A" sheet metal screw	wood	7/32" (5.5mm)
1/4-20 machine screw	metal	#7 (.201" dia.) or 5.10mm drill 1/4"-20 tap
SNB (optional)	hollow-metal	9/32" (7.00mm) thru 3/8" (9.50mm) door face opposite to closer
	aluminum or wood	3/8" (9.50mm) thru
TBGN (optional)	all	9-32" (7.00mm) thru 3/8" (9.50mm) diameter x 3/8" (10mm) deep, door face opposite to closer

**50 Series Door Closers
Model (PA)51 with or without 214 Drop Plate
Parallel Arm Application with 299 Soffit Plate, Non-Hold Open
Multi-size Unit 1-6**

ACCENTRA
ASSA ABLOY

TEMPLATE NUMBER	REV	DATE
7350-1216	3	05/24