BAILLARGEON® SERIES

Particle Core (Extra Heavy Duty)

8513-ME (5 ply)

FORTE OPENING SOLUTIONS

AUTONOMY DOOR, FOR INTENSIVE USE (SEE 8500-ME)

FEATURES:

Built to rigorous industry standards, our Autonomy door features uniform hardware and framing to facilitate every step of your project. This sturdy Autonomy door is readily adaptable to all renovation work and fits existing frames with conventional hardware. Install according to the instructions provided.

EASE OF USE

Thanks to the new ball-bearing based pivot system and high-performance tracking, it opens smoothly and quietly.

- Door projection is reduced by 2/3 to facilitate level (knob) us at all times.
- A well-designed, attractive and efficient way to optimize the use of every square foot.
- Can be retrofitted to existing frames when renovating.

Warranty: Limited Lifetime

NOTES

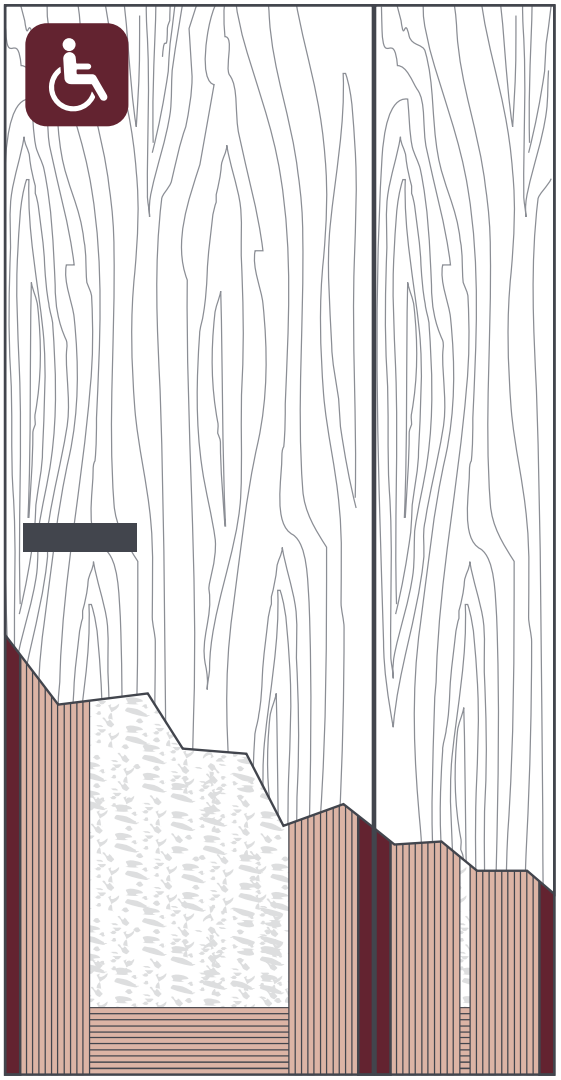
- 20 min. fire rating not available.
- STC sound rating not available.
- For construction details, see 8500.
- This product comes equipped with gear hinge, ultra-robust adjustable stainless steel pivot on ball bearings, a track and finger guard.
- Dimensions are nominal before trimming.

LEED CONTRIBUTION OPTIONS

- EPD
- Recycled content
- LEED V4.1
- FSC
- ULEF

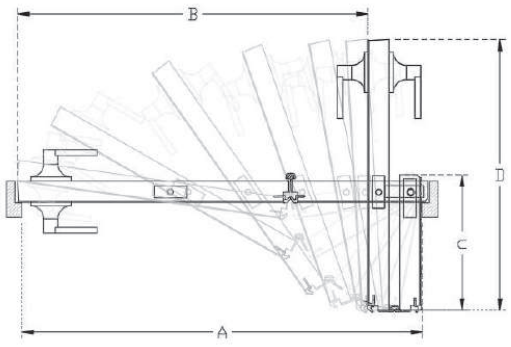
PERFORMANCE MEASUREMENT

- ANSI/WDMA 1.S.1A
- ANSI A208-1 (particle board LD-1/LD2)
- ASTM-D1037 and D198-98 (LSL)
- ASTM-D5456-93 (LVL)
- AWS



Clear Frame Opening	Clearance Width	Panel Dimensions 1/3	Panel Dimensions 2/3
A	B	C	D
36" (914 mm)	30" (763 mm)	11.772" (299 mm)	23.544" (598 mm)
38" (965 mm)	32" (814 mm)	12.438" (316 mm)	24.878" (632 mm)
40" (1016 mm)	34" (864 mm)	13.105" (333 mm)	26.211" (666 mm)
42" (1067 mm)	36" (915 mm)	13.772" (350 mm)	27.544" (700 mm)
44" (1118 mm)	38" (966 mm)	11.440" (367 mm)	28.877" (733 mm)
46" (1168 mm)	40" (1019 mm)	15.100" (384 mm)	30.218" (768 mm)
48" (1219 mm)	42" (1070 mm)	15.773" (401 mm)	31.546" (801 mm)

Example Right Hand



IBP Solutions Canada Inc. dba Forte Opening Solutions

AUTONOMY DOOR INSTALLATION INSTRUCTIONS FOR JOB SITES

STEP 1

Using a 1/4” (6 mm) thick wood spacer, fix the angle and the track to the top of the frame with #10 3/4" (19 mm) self-drilling pan head screws. Insert the sliding block “A” into it according to the opening’s direction ***(see Figure 5)***. It is very important to check whether the stiles and rails of the frame are perpendicular and square; otherwise use a spacer under the rail.

STEP 2

Securely attach the floor plate to the floor with #10 1 1/4" (32 mm) flathead screws, aligning it on the interior side against the door stopper ***(see Figure 6)***. In the largest opening of the floor plate, place a washer, add the roller bearing and finally put a washer on top of it.

STEP 3

Be sure that the pivot “B” ***(see Figure 1)*** is screwed as tightly as possible into the door. Insert the pivot “C” ***(see Figure 2)*** inside the track and then insert pivot “A” ***(see Figure 1)*** in the sliding block. Then place pivot “B” ***(see Figure 1)*** in the floor plate.

STEP 4

You can now adjust the door height by screwing or unscrewing the pivot “B” ***(see Figure 1)*** with a key. Be sure pivot “C” ***(see Figure 2)*** slides well inside the track. If not, you must remove the door and adjust pivot “C” ***(see Figure 2)*** as required.

Screw the nut as much as you can with your fingers toward the door and use the key to screw the axis and lock pivot “C”. Repeat Step 3 until the pivots until the pivots are in the right position and then lock the pivot “B” ***(see Figure 1)*** with the key.

STEP 5

Install solid neoprene in designated places ***(see Figure 4)***.

TECHNICAL DETAILS - JOB SITE

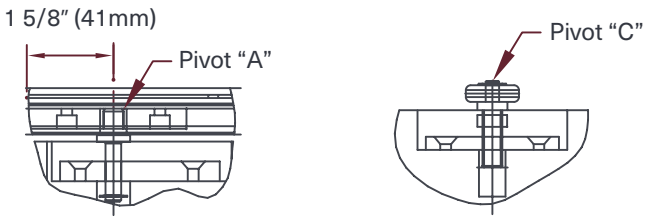


Figure 1

Figure 2

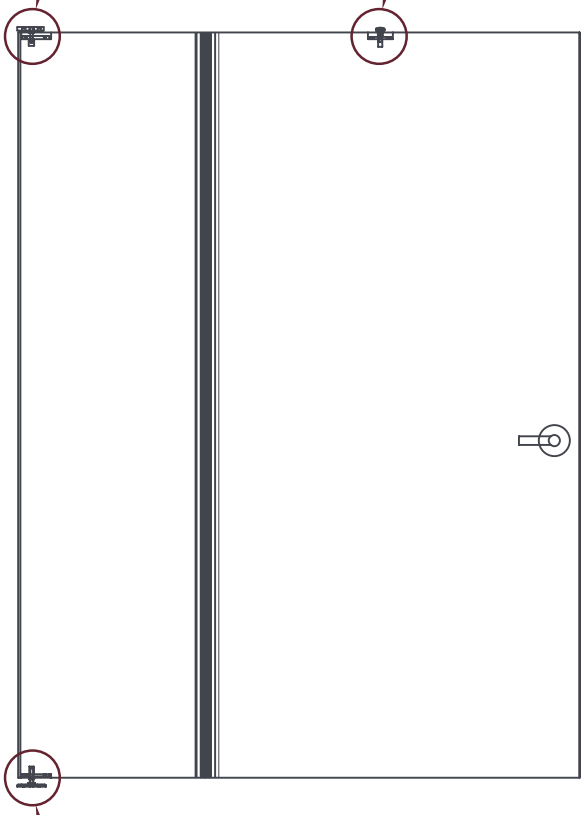


Figure 3

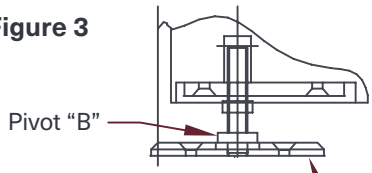


Figure 4

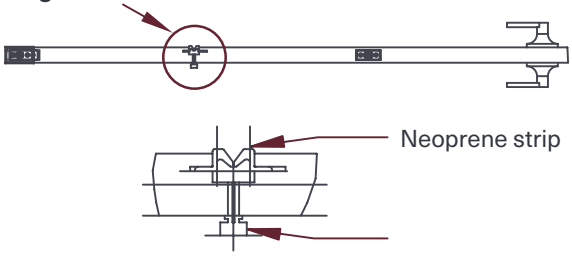
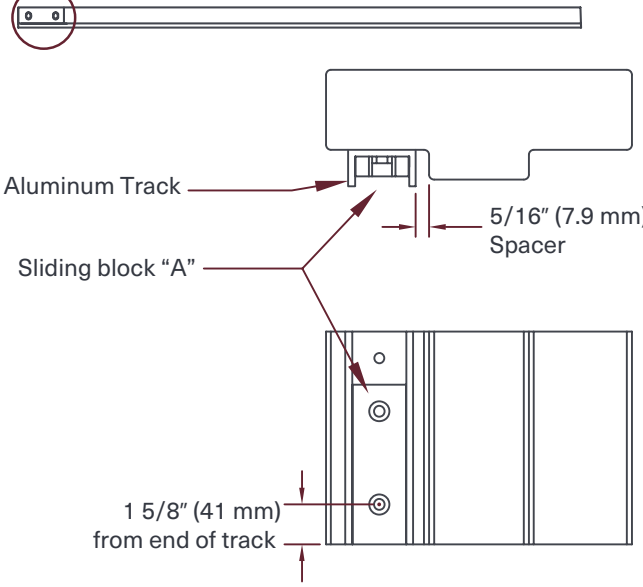
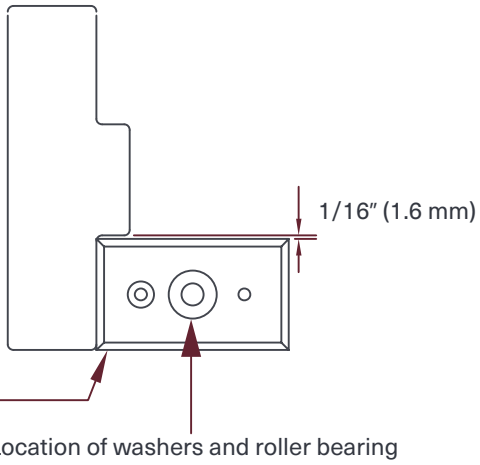
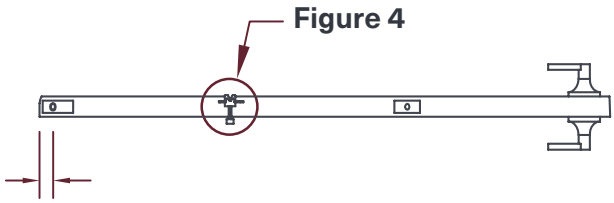


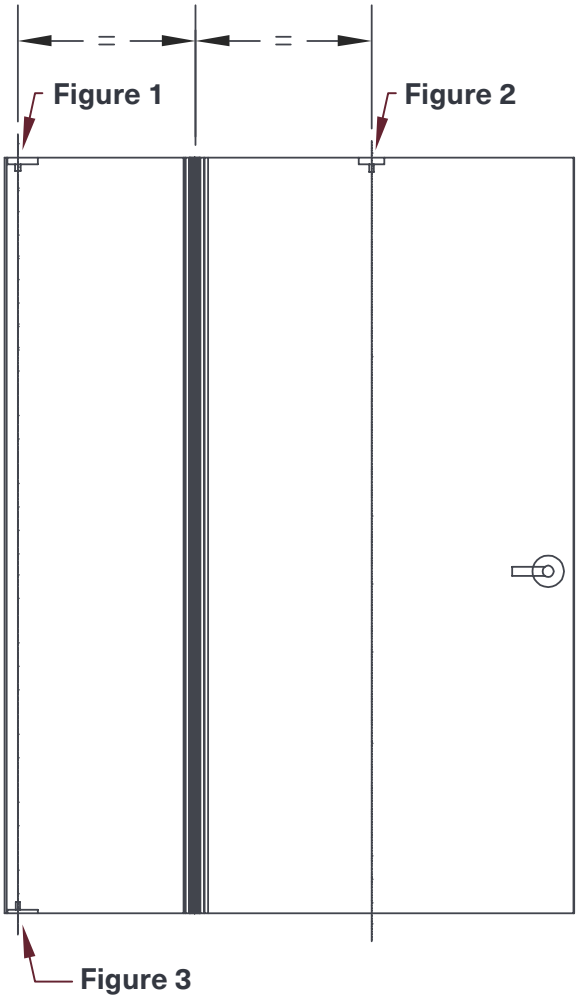
Figure 5





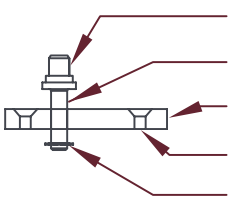
TECHNICAL DETAILS - FACTORY





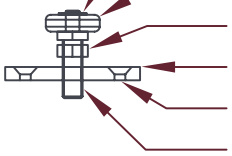
*Optional 3/8" Key **(01-0703-0047)**

Figure 1



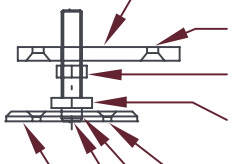
- Pivot “A” **(01-0703-0015)**
- Spring **(01-0703-0048)**
- Pivot top plate **(01-0703-0046)**
- 2 no. 10 (2 1/4") screws **(01-0703-0055)**
- Snap ring **(01-0703-0049)**

Figure 2*



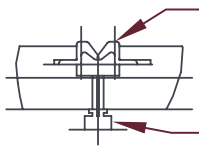
- Snap ring **(01-0703-0049)**
- Roller bearing **(01-0703-0006)**
- 3/8" lock nut **(01-0703-0057)**
- Support plate for roller **(01-0703-0007)**
- 2 no. 10 (2 1/4") screws **(01-0703-0055)**
- Axis for roller **(01-0703-0049)**

Figure 3*



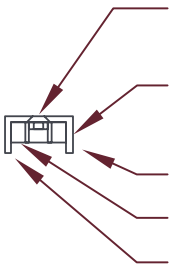
- Pivot bottom plate **(01-0703-0008)**
- 2 no. 10 (2 1/4") screws **(01-0703-0055)**
- 3/8" lock nut **(01-0703-0057)**
- Pivot “B” **(01-0703-0014)**
- 2 no. 10 (1 1/4") screws **(01-0703-0058)**
- 2 washers **(01-0703-0023)**
- Roller bearing **(01-0703-0013)**
- Floor plate **(01-0703-0001)**

Figure 4



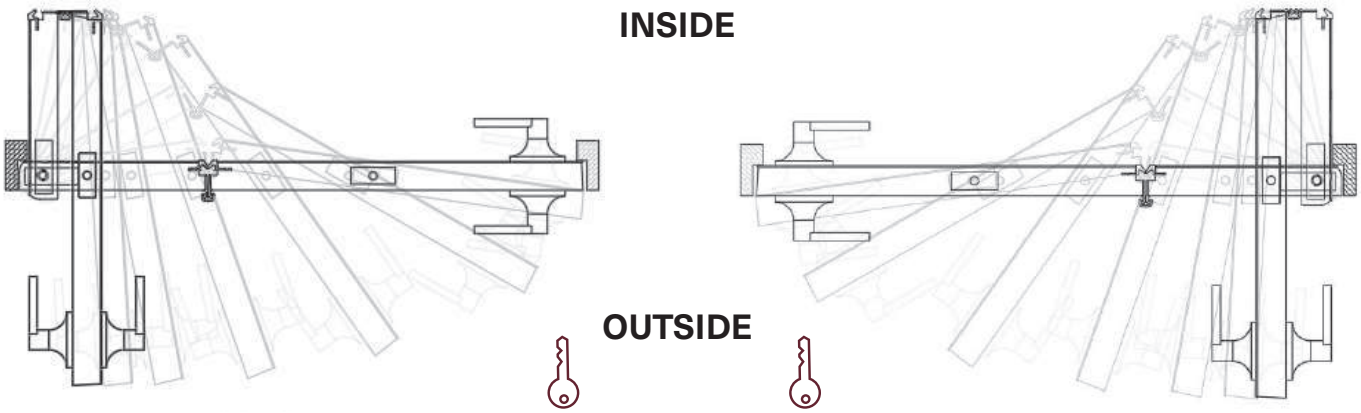
- Neoprene strip **(01-0703-0011) = 84"**
  (01-0703-0012) = 96"
  (01-0703-0038) = 108"
- Continuous hinges (Zero) **(01-0703-0041)**

Figure 5



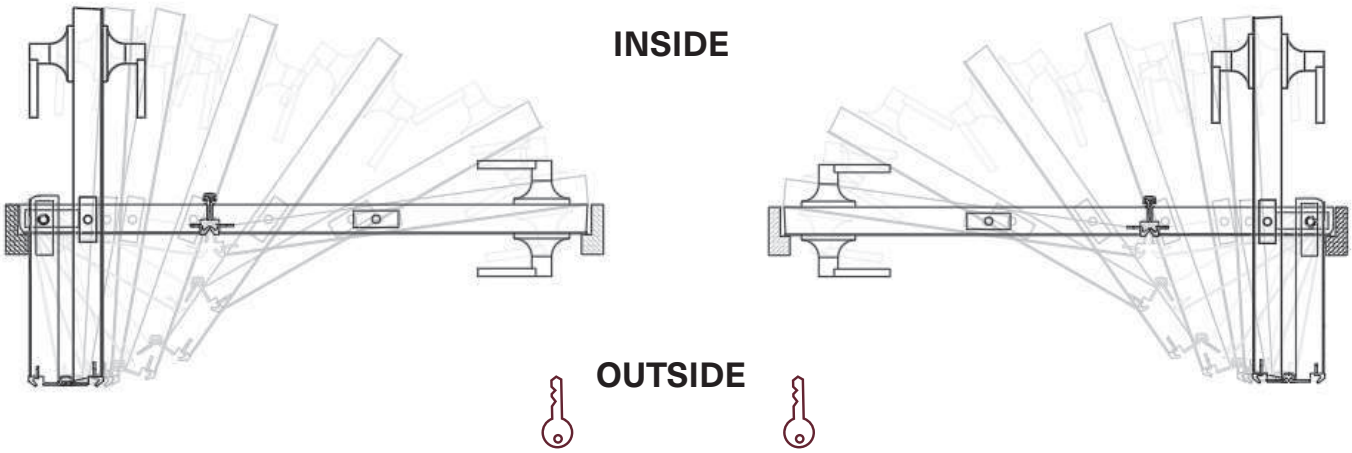
- Self-drilling no. 10 (3/4") **(01-0703-0059)**
  Quantitiy for track 36" = 3, 42” = 4, 48” = 5
- Aluminum Track **(01-0703-0005)**
  Length to specify
- 2 spacers **(01-0703-0053)**
- Sliding block “A” **(01-0703-0018)**
- 2 self-drilling 1 1/4" screws **(01-0703-0020)**

DOOR OPERATION CODES



Left Hand Reverse (LHR)

Right Hand Reverse (RHR)



Left Hand (LH)

Right Hand (RH)