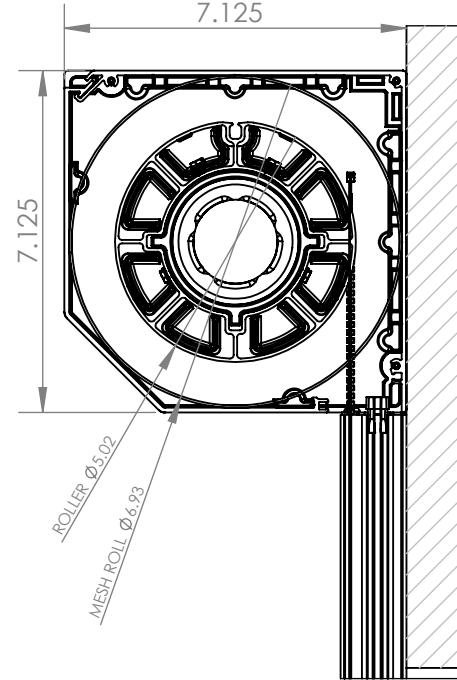
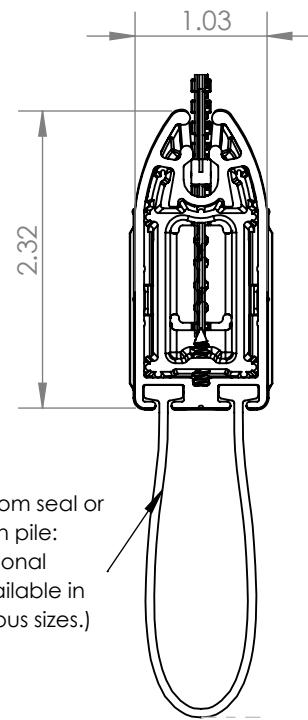


# Motorized Retractable Screen

## 7.125" Housing with Sure Fit Track

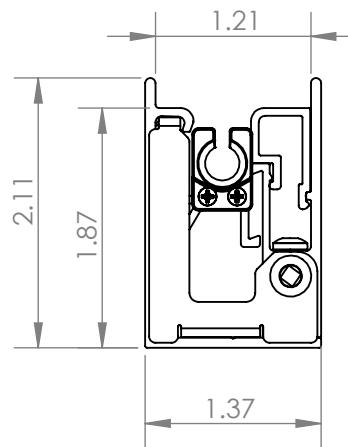


7.125" HOUSING ASSY  
SECTION VIEW  
SCALE 1:4



Bottom seal or  
Brush pile:  
Optional  
(Available in  
various sizes.)

SLidebar Assy  
SECTION VIEW  
SCALE 1:1.5



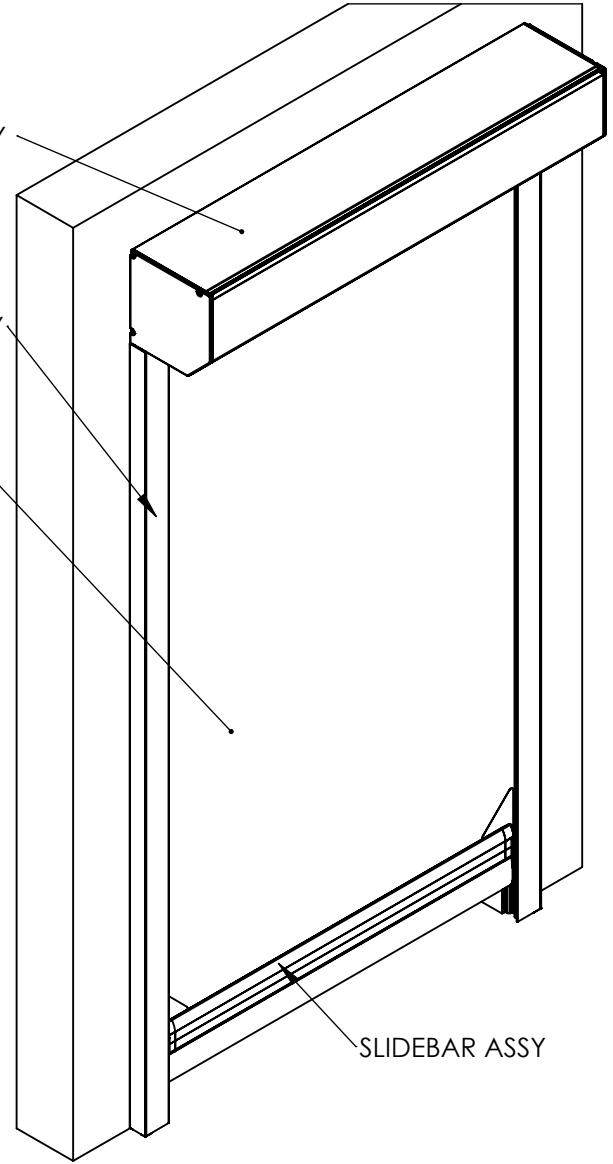
SURE FIT TRACK ASSY  
TOP VIEW  
SCALE 1:1.5

7.125" HOUSING ASSY

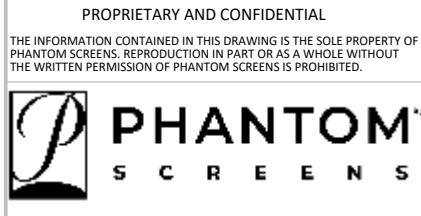
SURE FIT TRACK ASSY

FABRIC

SLidebar Assy



SCALE 1:12



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR  $\pm 2$   
TWO PLACE DECIMAL  $\pm .013$ "  
THREE PLACE DECIMAL  $\pm .005$ "

STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL  
ASSY

DRAWN  
SA  
2025-12-01

CHECKED  
PP  
2025-12-01  
ENG APPR.  
PP  
2025-12-01

MFG APPR.  
Q.A.

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE  
A  
DWG. NO.  
EPN448

REV  
3  
SCALE: 1:12  
WEIGHT:  
SHEET 1 OF 10

**Motorized Retractable Screen**  
**7.125" Housing with Sure Fit Track**  
**Exploded View**

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 TOLERANCES:  
 FRACTIONAL  $\pm 1/32$   
 ANGULAR  $\pm 2$   
 TWO PLACE DECIMAL  $\pm .013"$   
 THREE PLACE DECIMAL  $\pm .005"$

STANDARD TOLERANCES APPLY  
 UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
 TOLERANCING PER: ASME Y14.5  
 THIRD ANGLE PROJECTION

MATERIAL  
 ASSY

DRAWN  
 SA  
 2025-12-01

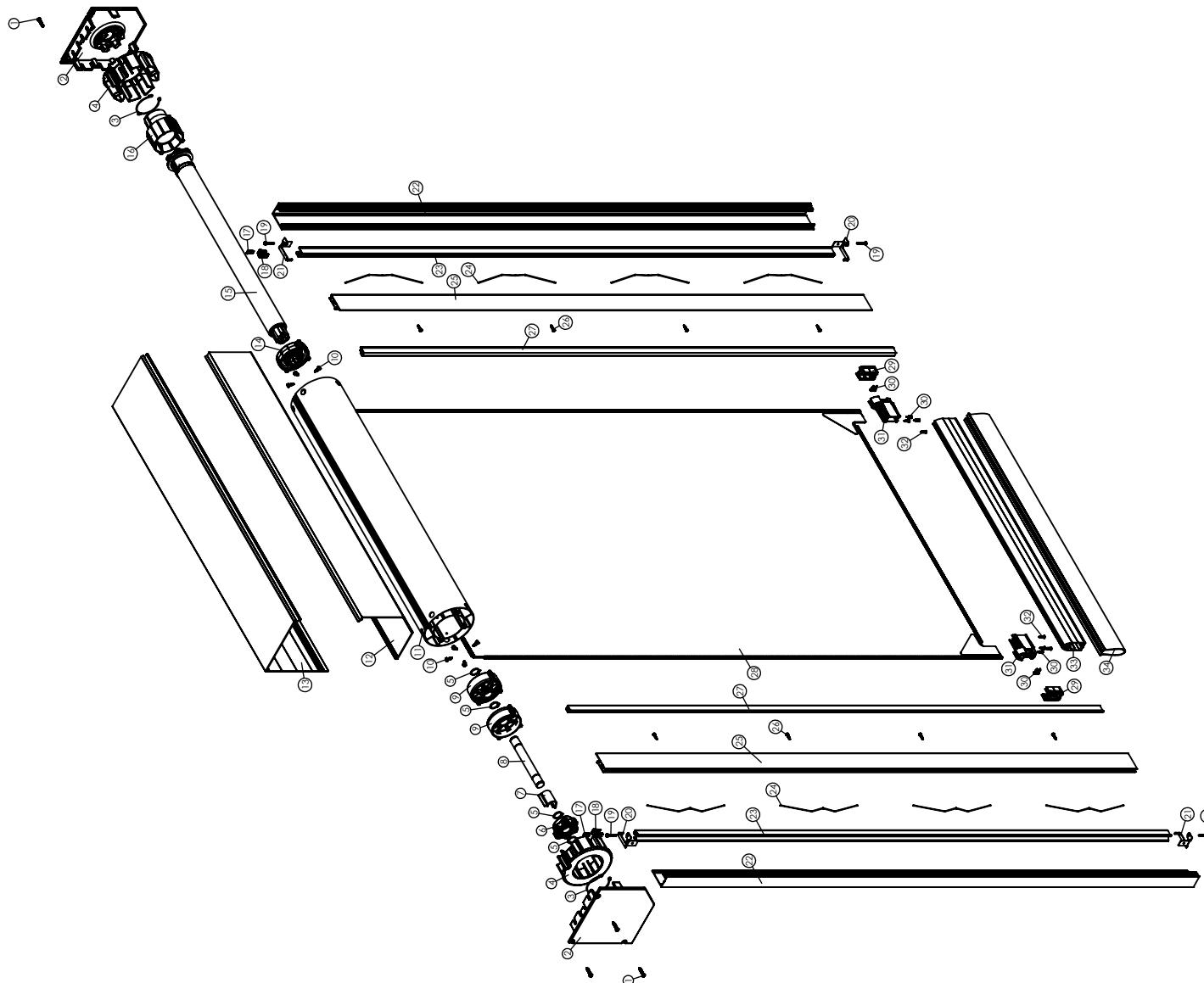
CHECKED  
 PP  
 2025-12-01  
 ENG APPR.  
 PP  
 2025-12-01

MFG APPR.  
 Q.A.

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE  
**A**  
 DWG. NO.  
 EPN448

REV  
 3  
 WEIGHT:  
 SHEET 2 OF 10

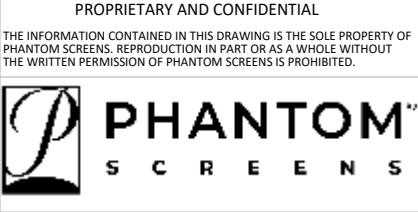


SCALE 1:15

# Motorized Retractable Screen

## 7.125" Housing with Sure Fit Track

### BOM Table



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR  $\pm 2$   
TWO PLACE DECIMAL  $\pm .013$ "  
THREE PLACE DECIMAL  $\pm .005$ "

STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL

ASSY

DRAWN

PP

2025-12-01

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE

A

DWG. NO.

EPN448

REV

3

Q.A.

SCALE: 1:12

WEIGHT:

SHEET 3 OF 10

NO.	DESCRIPTION	QTY
1	71039 #8-1" Rounded Head Screw (Color matched)	6
2	68220 Mz2.0 End Cap 7.125"	2
3	46009 Mz Retaining Clip	2
4	46611 Mz Leveling Ring 5"	2
5	EPN214 External Retaining Ring	4
6	EPN3 Mz2.0 Pivot Head .75	1
7	EPN211 Mz Pivot Spacer	1
8	EPN7 Mz2.0 Pivot Shaft	1
9	EPN2 Mz2.0 Pivot Bearing	2
10	71021 #8-0.5" Hex Head Drilling Screw	8
11	46006 Mz2.0 Roller Bar 5"	1
12	EPN357 Housing Cover, 7.125"	1
13	EPN47120 Hsg, 1-Pc Back-Top, 7.125"	1
14	EPN4 Mz2.0 Motor Drive Ring	1
15	67235 Somfy Motor, 525A2 Maestria RTS	1
16	EPN5 Mz2.0 Motor Encoder Ring	1
17	EPN314 #1-5/8" Rounded Head Screw	4
18	68155 Sure Fit Entry Guide	2
19	71039 #10-1" Rounded Head Screw (Unfinished)	4
20	46854 Sure Fit Lift Stop Left	2
21	46898 Sure Fit Lift Stop Right	2
22	46909 Sure Fit U-Channel	2
23	46844 Sure Fit Inner Track	2
24	46045 Sure Fit Spring	-
25	47014 Sure Fit U-Channel Side	2
26	EPN312 #6-5/8" Rounded Head Screw	-
27	47024 Sure Fit Cover	2
28	EPN437 Sure Fit Mesh	1
29	EPN161 Sidebar Endcap Cover	2
30	71027 #6-11/2" Rounded Head Screw	8
31	EPN160 Sidebar Endcap Main	2
32	71135 #6-5/8" Flat Head Screw	4
33	EPN199 Sidebar-w-Stopper	1
34	Brush pile or bottom gasket (available in various sizes)	1

B

2

1

B

2

1

DOCUMENT NO. XXXXX-XX-XXX

# Motorized Retractable Screen

7.125" Housing with Sure Fit Track

Housing and Tracks: Surface Mounted

Tracks Mounted on Side (\*)

B

FRONT SIDE OF THE UNIT

Unit Width = Opening Width + 4.22"

Unit Width - 4.22"

Opening Width

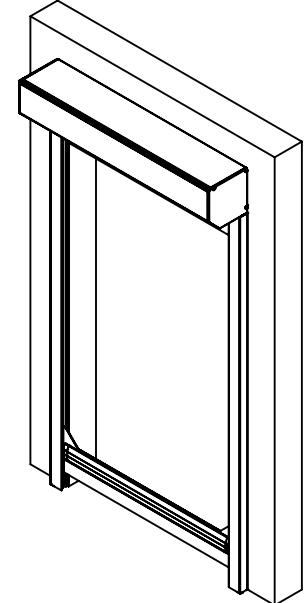
#10x1 1/2" Rounded Head Drilling Screw

FRONT SIDE OF THE UNIT

Space reserved for slide bar and bottom seal/brushpile on top, clear of the opening for maximum view.

Opening Height

Pull = Opening Height + 12.445"

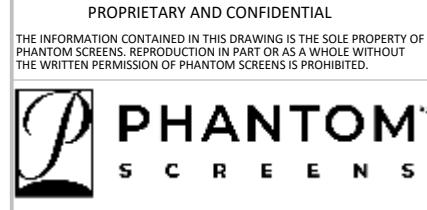


SCALE 1:25

B

**Note:**

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR  $\pm 2$   
TWO PLACE DECIMAL  $\pm .013$   
THREE PLACE DECIMAL  $\pm .005$

STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL  
ASSY

DRAWN  
SA  
2025-12-01

CHECKED  
PP  
2025-12-01  
ENG APPR.  
PP  
2025-12-01

MFG APPR.  
Q.A.

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE A  
DWG. NO. EPN448  
REV 3

SCALE: 1:12  
WEIGHT:  
SHEET 4 OF 10

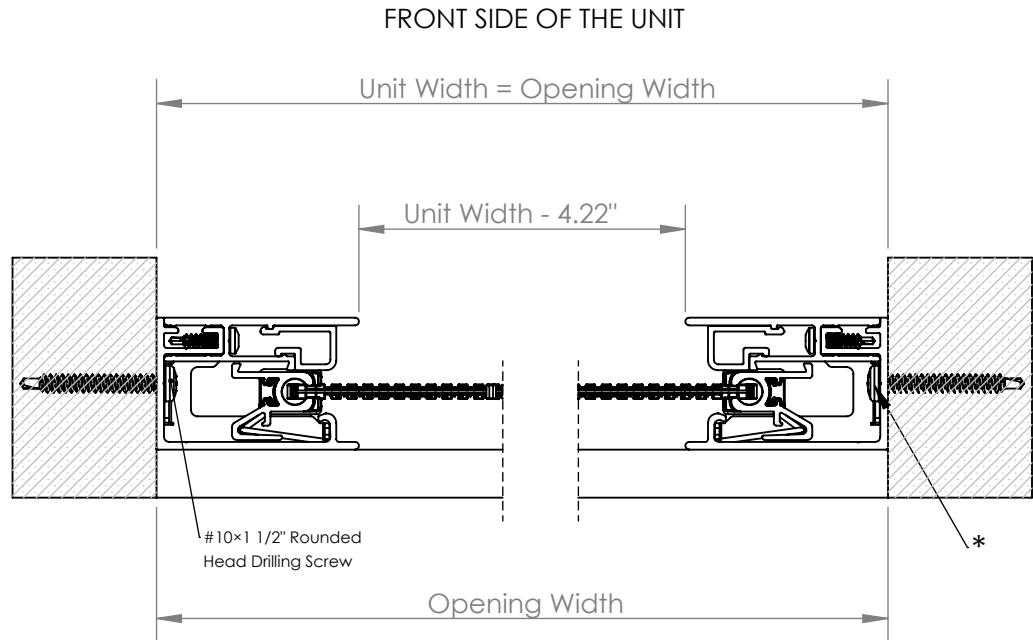
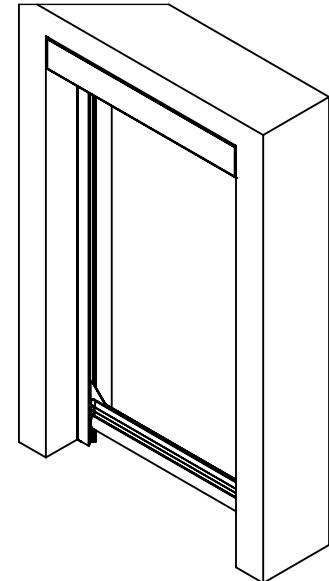
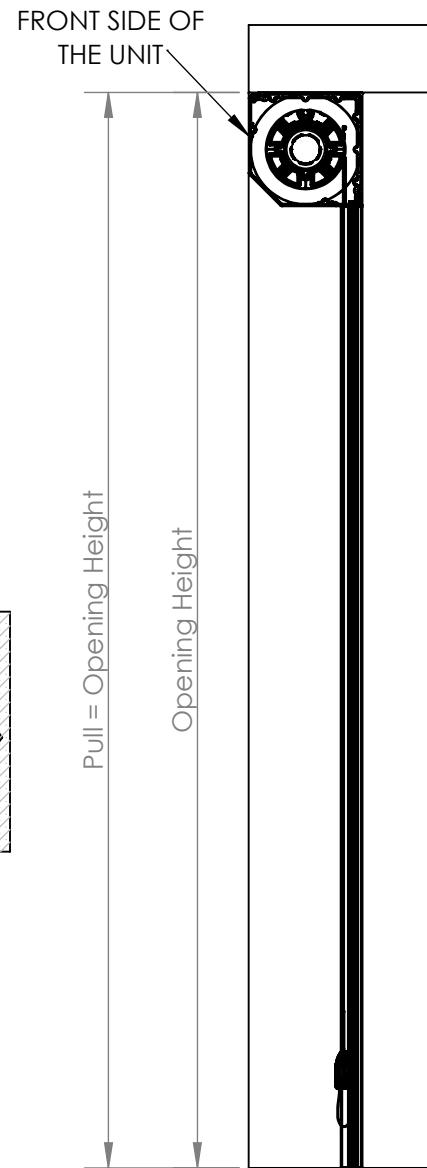
A

# Motorized Retractable Screen

7.125" Housing with Sure Fit Track

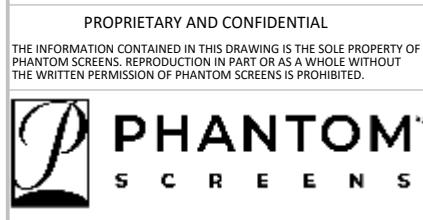
Housing and Tracks: In-Jamb

Tracks Mounted on Back (\*)



**Note:**

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:			STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 7.125 Housing, Sure Fit Track							
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR $\pm 2$ TWO PLACE DECIMAL $\pm .013$ THREE PLACE DECIMAL $\pm .005$			INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION			DRAWN	SA	2025-12-01	SIZE <b>A</b>	DWG. NO. EPN448	REV 3		
			CHECKED	PP	2025-12-01								
			ENG APPR.	PP	2025-12-01								
MATERIAL ASSY			MFG APPR.			SCALE: 1:12		WEIGHT:	SHEET 5 OF 10				
			Q.A.										

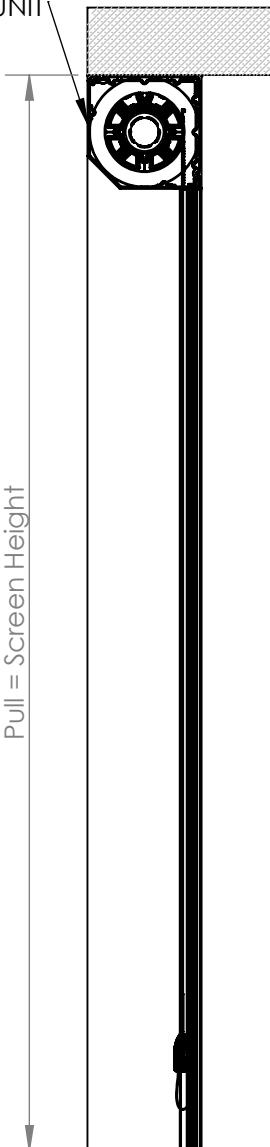
# Motorized Retractable Screen

7.125" Housing with Sure Fit Track

Housing and Tracks: In-Jamb and Surface Mounted (Mixed)

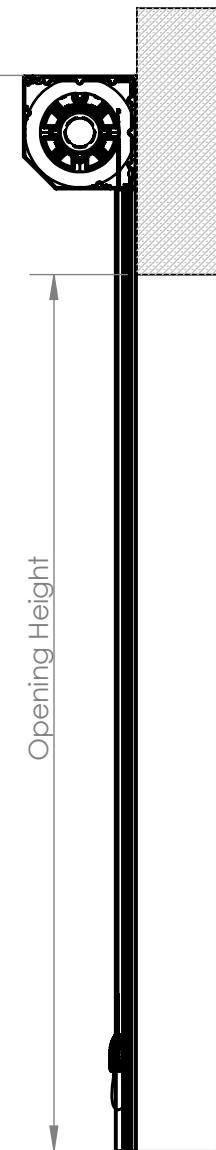
One Track Mounted on Side (\*), One on Back (\*\*)

FRONT SIDE OF  
THE UNIT

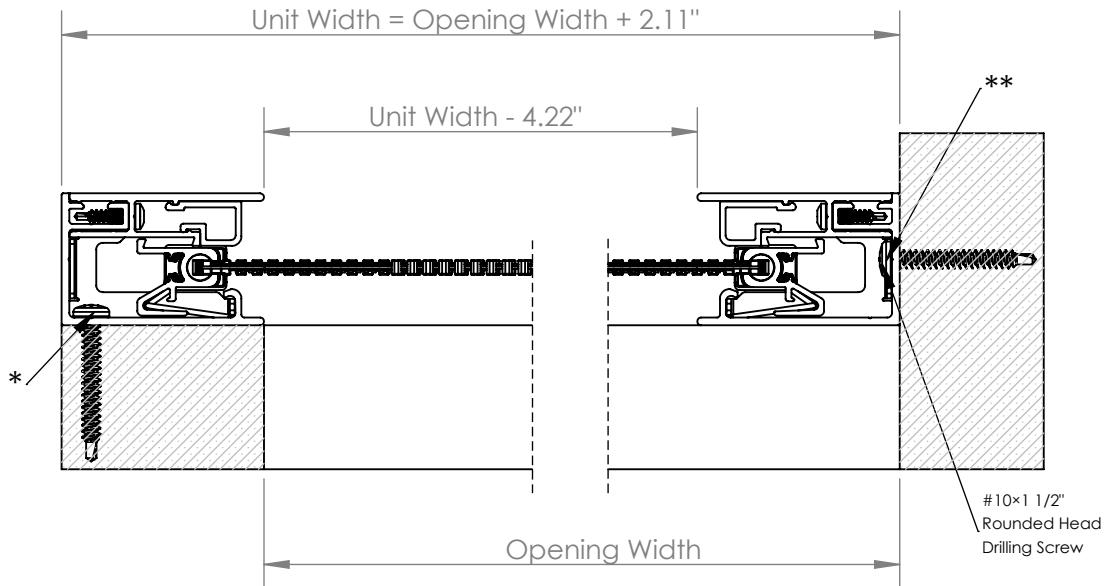


Pull = Opening Height + 12.445"

OR



FRONT SIDE OF THE UNIT



**Note:**

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

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UNLESS OTHERWISE SPECIFIED:

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TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR  $\pm 2$   
TWO PLACE DECIMAL  $\pm .013$   
THREE PLACE DECIMAL  $\pm .005$

STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL  
ASSY

DRAWN  
SA  
2025-12-01

CHECKED  
PP  
2025-12-01  
ENG APPR.  
PP  
2025-12-01

MFG APPR.  
Q.A.

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE  
**A**  
DWG. NO.  
EPN448

REV  
3  
SCALE: 1:12  
WEIGHT:  
SHEET 6 OF 10

# Motorized Retractable Screen

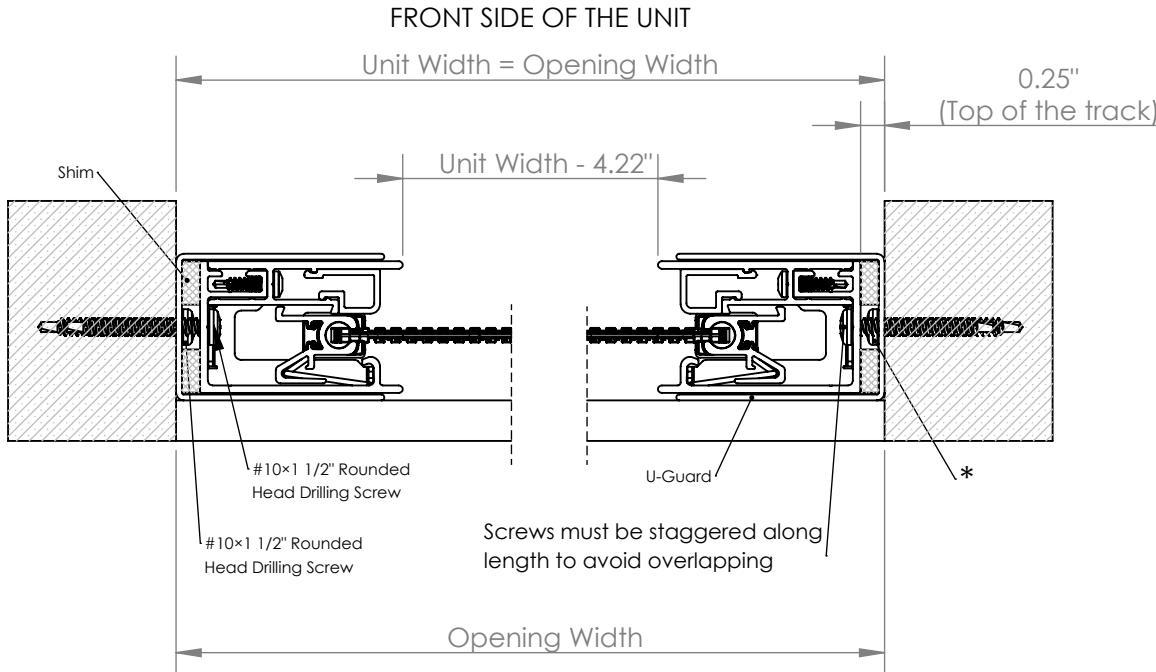
7.125" Housing with Sure Fit Track

Housing and Tracks: In-Jamb

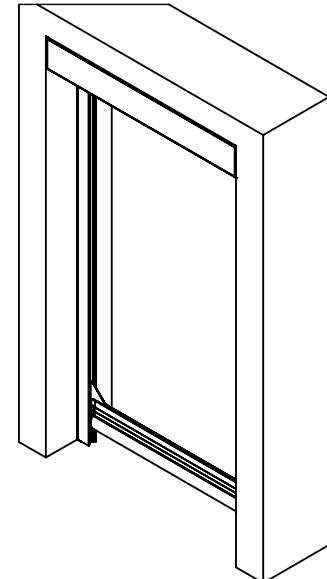
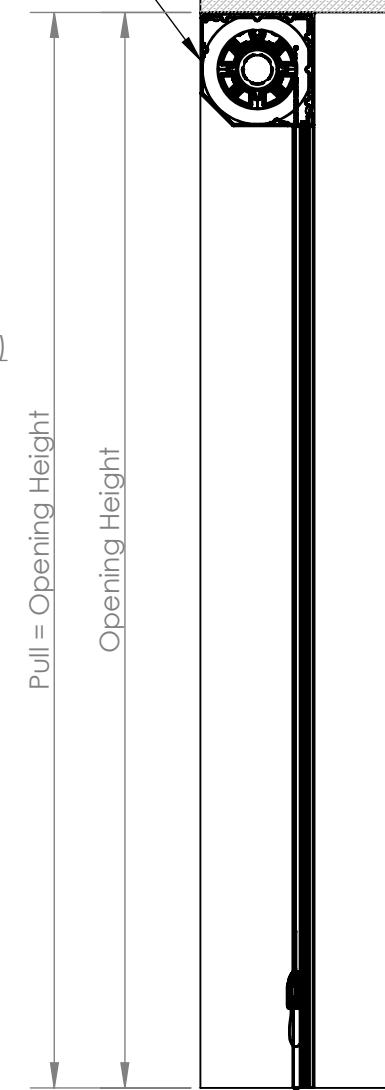
U-Guard Used for Adjustment on Unparallel Posts

Tracks Mounted on Back (\*)

B



FRONT SIDE OF THE UNIT



B

A

**Note:**

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

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TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR  $\pm 2$   
TWO PLACE DECIMAL  $\pm .013$   
THREE PLACE DECIMAL  $\pm .005$

STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL  
ASSY

DRAWN  
SA  
2025-12-01

CHECKED  
PP  
2025-12-01  
ENG APPR.  
PP  
2025-12-01

MFG APPR.  
Q.A.

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE  
A  
DWG. NO.  
EPN448  
REV  
3

SCALE: 1:12  
WEIGHT:  
SHEET 7 OF 10

# Motorized Retractable Screen

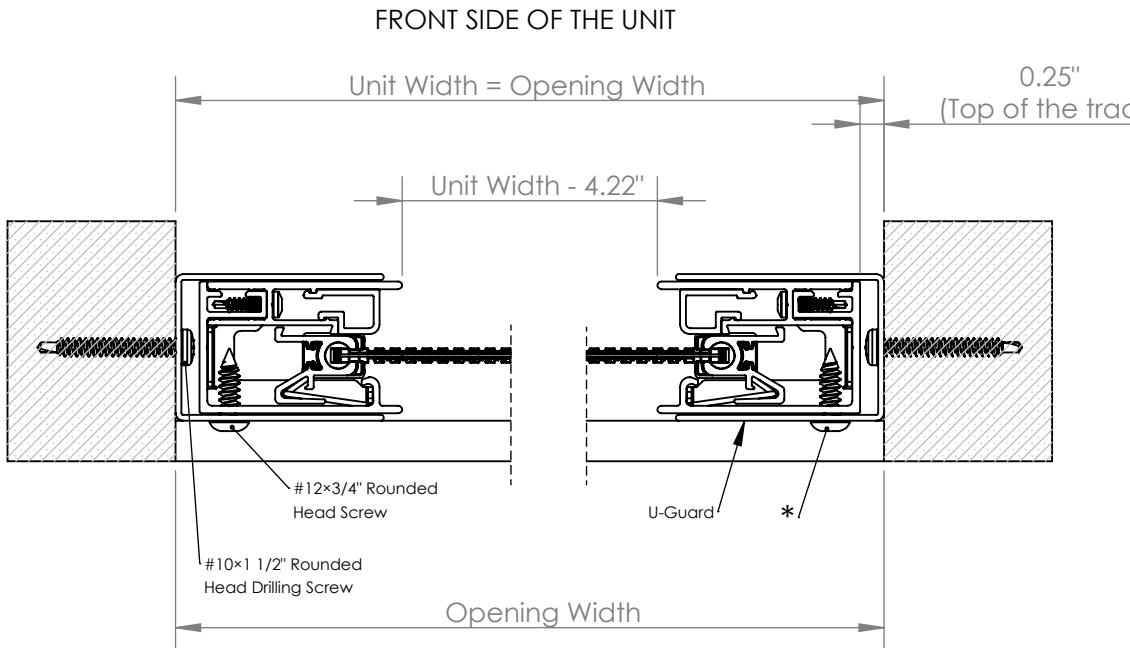
7.125" Housing with Sure Fit Track

Housing and Tracks: In-Jamb

U-Guard Used for Adjustment on Unparallel Posts

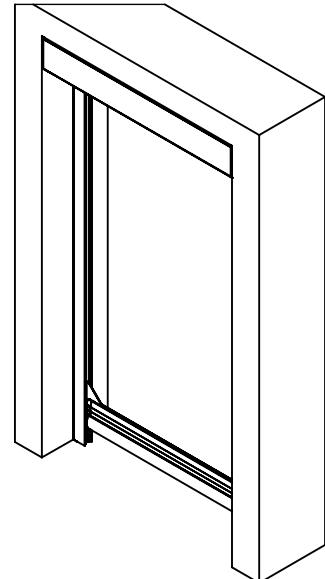
Tracks Mounted on Side (\*)

B



FRONT SIDE OF  
THE UNIT

Pull = Opening Height  
Opening Height



SCALE 1:25

A

**Note:**

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

A

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TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR  $\pm 2$   
TWO PLACE DECIMAL  $\pm .013$   
THREE PLACE DECIMAL  $\pm .005$

STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL  
ASSY

DRAWN  
SA  
2025-12-01

CHECKED  
PP  
2025-12-01  
ENG APPR.  
PP  
2025-12-01

MFG APPR.  
Q.A.

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE A  
DWG. NO.  
EPN448

REV 3  
SCALE: 1:12  
WEIGHT:  
SHEET 8 OF 10

# Motorized Retractable Screen

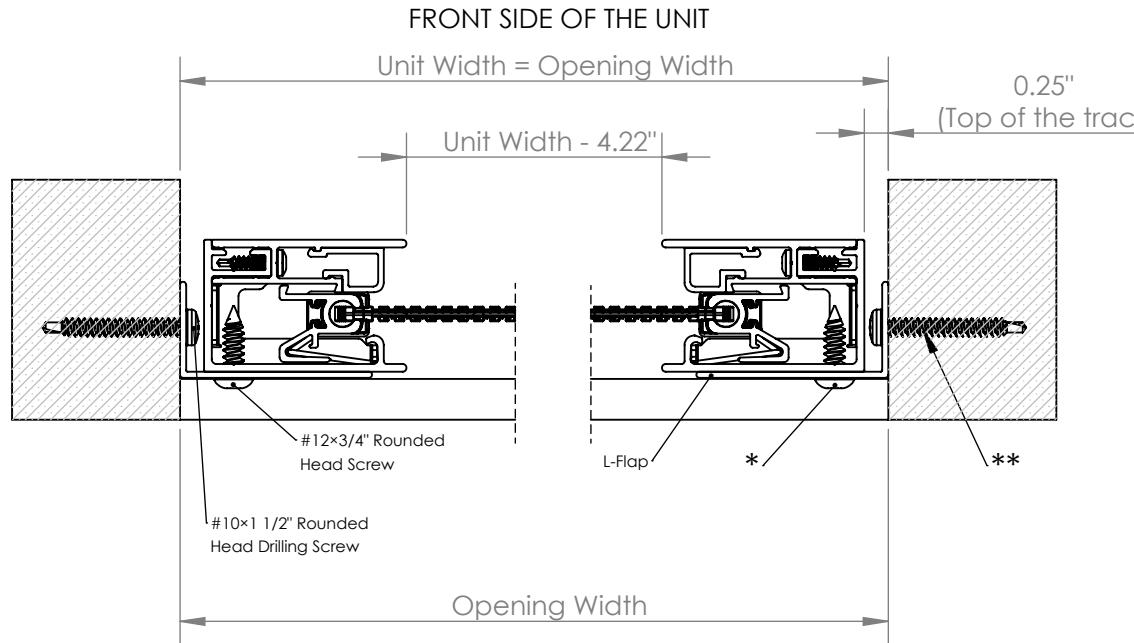
7.125" Housing with Sure Fit Track

Housing and Tracks: In-Jamb

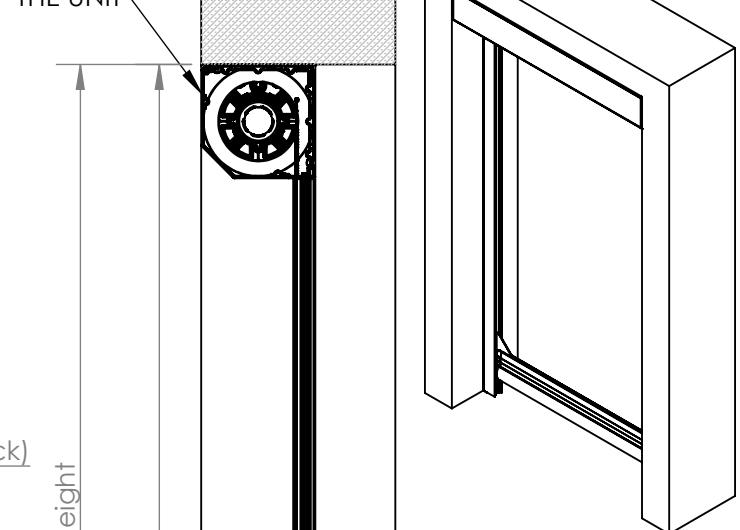
L-Flap Used for Adjustment on Unparallel Posts

Tracks Mounted on Side (\*)

L-Flap Mounted behind the Track (\*\*)



FRONT SIDE OF  
THE UNIT

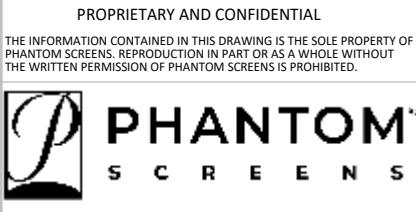


B

SCALE 1:25

**Note:**

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



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DIMENSIONS ARE IN INCHES.  
TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR  $\pm 2$   
TWO PLACE DECIMAL  $\pm .013$   
THREE PLACE DECIMAL  $\pm .005$

STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL  
ASSY

DRAWN  
SA  
2025-12-01

CHECKED  
PP  
2025-12-01  
ENG APPR.  
PP  
2025-12-01

MFG APPR.  
Q.A.

TITLE: Mz2.0, 7.125 Housing, Sure Fit Track

SIZE  
**A**  
DWG. NO.  
EPN448

REV  
3  
SCALE: 1:12  
WEIGHT:  
SHEET 9 OF 10

# Motorized Retractable Screen

7.125" Housing with Sure Fit Track

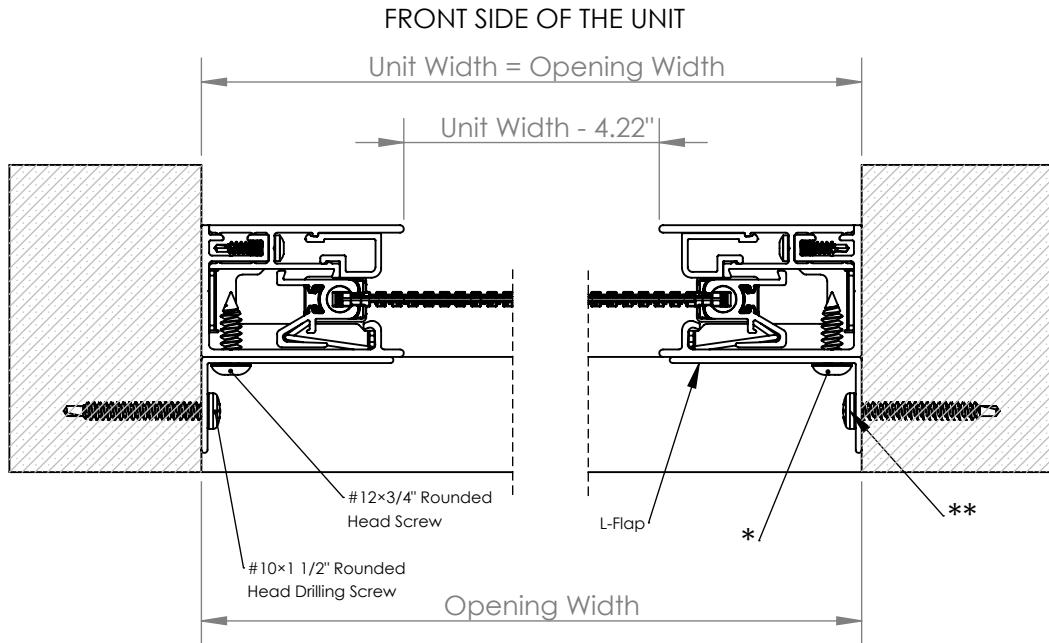
Housing and Tracks: In-Jamb

L-Flap Used for Adjustment on Unparallel Posts

Tracks Mounted on Side (\*)

L-Flap Mounted on the Side of the Track (\*\*)

B



**Note:**

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- Screen unit width is fixed and must be accurate when ordering.

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TWO PLACE DECIMAL  $\pm .013$   
THREE PLACE DECIMAL  $\pm .005$

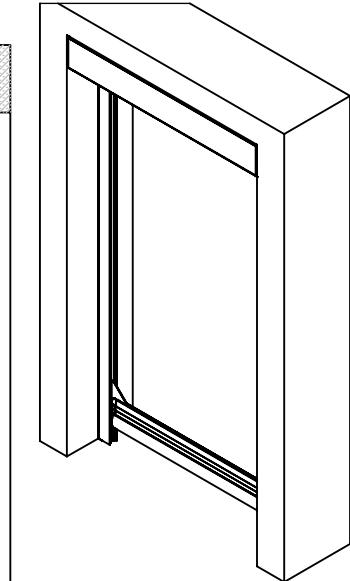
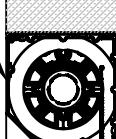
STANDARD TOLERANCES APPLY  
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC  
TOLERANCING PER: ASME Y14.5  
THIRD ANGLE PROJECTION

MATERIAL  
ASSY

FRONT SIDE OF  
THE UNIT

Pull = Opening Height  
Opening Height



B

A

DRAWN	SA	2025-12-01	TITLE: Mz2.0, 7.125 Housing, Sure Fit Track		
CHECKED	PP	2025-12-01	SIZE	DWG. NO.	REV
ENG APPR.	PP	2025-12-01	A	EPN448	3
MFG APPR.			SCALE: 1:12	WEIGHT:	SHEET 10 OF 10
Q.A.					