General Contractors

Tormax iMotion ®
TN 110 In-Floor Swing Door Operator

Installation/Facilitation Guidelines

Center Pivot Application
Right Hand Operator w/Flush Mounted Box

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iMotion® TN 110 IN-FLOOR SWING DOOR OPERATOR
WITH FLUSH MOUNTED FLOOR BOX
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DOOR FABRICATION DETAILS

NOTES:
(1) "**" - INDICATES COMPONENT IS JOB SPECIFIC OR OPTIONAL

110 VAC
15 AMPS MIN
50-60 HZ

CONTROL BOX

"JB" * "JB"

"FUNCTION CONTROL PANEL"

OPERATOR

TN OPERATOR ARM

FLUSH MOUNT (TERRAZZO) COVER

BOX

JAMB

PIT

RIGHT-HAND CENTER PIVOT

TORMAX USA Inc.
DOOR FABRICATION DETAILS

NOTES:
(1) INDICATES JOB SPECIFIC DIMENSION.
(2) DIMENSIONS AS SHOWN ARE TYPICAL. ENGINEERED SOLUTIONS AVAILABLE.

DRILL & TAP M8X1.25, X 1" (5 PLACES) OR INSTALL 5X THREADED INSERT WITH M8X1.25 THREADS.

VIEW: DOOR BOTTOM

SECTION A-A

FINISHED FLOOR

SCALED FOR CLARITY
**ELECTRICAL DETAILS**

**NOTES:**

1. "**" - INDICATES COMPONENT IS JOB SPECIFIC OR OPTIONAL

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**110 VAC**

**15 AMPS MIN**

**50-60 HZ**

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**CONTROL BOX**

**TN OPERATOR ARM**

**FLUSH MOUNT (TERRAZZO) COVER**

**OPERATOR**

**BOX**

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**RIGHT-HAND CENTER PIVOT**

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ELECTRICAL DETAILS

NOTES:
(1) " *  *" INDICATES JOB SPECIFIC. CONSULT GC FOR FURTHER DETAILS.
(2) REF NEXT PAGE (ELECTRICAL DETAILS, SHT 3) FOR WIRING DETAILS.
(3) REF TN110 OPERATION MANUAL (P/N: US801461) FOR ADDITIONAL INFORMATION.
(4) INSTALLATION AND WIRING PRACTICES MUST COMPLY WITH LOCAL CODES.

KEY

- ACCESSIBLE HOLE FOR WIRING
- NOT ACCESSIBLE

![Diagram of TN110 IN-FLOOR SWING DOOR OPERATOR WITH FLUSH MOUNTED FLOOR BOX](image-url)
PIT PREPARATION DETAILS

NOTES:
(1) "* * *" - INDICATES COMPONENT IS JOB SPECIFIC OR OPTIONAL
NOTES:

1. ENSURE PROVISIONS FOR WEEP DRAIN AND ELECTRICAL WIRING HAVE BEEN MADE PRIOR TO FILLING THE PIT WITH MORTAR.
2. WEEP DRAIN MUST BE INSTALLED OR MANUFACTURER'S WARRANTY WILL BE VOID.
3. WEEP DRAIN HARDWARE TO BE PROVIDED BY GC. WEEP DRAIN INSTALLATION & LOCATION OF TERMINATION MUST COMPLY WITH CITY AND/OR STATE CODES.

* DIMENSION AS REFERENCED TO EDGE OF BOX WITHOUT TERAZZO COVER
** JOB SPECIFIC DIMENSION

PIT PREPARATION DETAILS

COVER ANY UNUSED HOLES PRIOR TO POURING MORTAR

NOTE: TERAZZO PAN REMOVED FOR CLARITY (THIS VIEW ONLY)

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