General Contractors

Tormax iMotion ®
TN 110 In-Floor Swing Door Operator

Installation/Facilitation Guidelines

Offset Pivot Application
Left Hand Operator w/Surface Mounted Box

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NOTES:

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

110 VAC
15 AMPS MIN
50-60 HZ

*FUNCTION CONTROL PANEL*

*PIVOT COVER*

CONTROL BOX

*JB*  *JB*

PIT

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

SECTION A-A

*OFFSET TBD*

*NOTCH JAMB IF REQUIRED-TBD*

*DOOR THK TBD*

SCALED FOR CLARITY
ELECTRICAL DETAILS

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

NOT ACCESSIBLE
"FUNCTION CONTROL PANEL"
LINBUS CABLE 75'-0"
SUPPLIED BY TORMAX

TN110 CONTROL BOX

24V DC TO ACT. SWITCHES

Ø MAX. 1-5/16"
Ø MIN. 15/16"

110V AC (IN) 10 AMPS

"JB" SUPPLIED BY TORMAX

ENCODER CABLE
MOTOR CABLE
TO TN110 OPERATOR

TORMAX USA Inc.
PIT PREPARATION DETAILS

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

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.

** JOB SPECIFIC DIMENSION

BOX / OPERATOR LOCATION TOLERANCES

PIT DIMENSIONS
19-3/4"L x 17-3/4"W x 5-1/2"D

INSTALL WEEP DRAIN IN EITHER HOLE

ALIGN TOP OF BOX EVEN WITH FINISHED FLOOR

COVER ANY UNUSED HOLES PRIOR TO POURING MORTAR

SECURE BOX TO FLOOR (HARDWARE BY OTHERS)

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