The Fortress Heavy Duty Slide Gate, manufactured by Tymetal Corp., is a cantilever system consisting of single or multiple panels. Appropriate for openings up to 30 feet for single gates and up to 60 feet for doubles, the Fortress Gate is designed to provide rigidity and stability.

The frame is fabricated from aluminum alloy extrusions with primary members (top and bottom) rectangular in shape with a cross section not less than 2” x 5”. Vertical members at the ends of the frame have a cross section of no less than 2” x 2”. Intermediate vertical members are 1” x 2” in cross section.

The frame is supported from the track of extruded aluminum alloy by two self-aligning, 4-wheeled, sealed lubricant, ball bearing truck assemblies. Tymetal cantilever slide gates lead the industry in quality of materials and design, with over 25 years of continuous duty use throughout North America. All Tymetal slide gates include the following features for reliability and end user safety:

1. Tymetal trucks are designed for slide gate use and are tested in extreme load and weather conditions
2. Tymetal gates are built to ASTM F2200 and ASTM F1184 (Type 2 Class 2)
3. Tymetal gates are supplied with gap protectors and guide roller covers
4. Tymetal gates are designed and built to order - matching your specific project needs
5. See the Tymetal design details on the back of this page
CRITICAL DIMENSION CHART

<table>
<thead>
<tr>
<th>MARK</th>
<th>DESCRIPTION</th>
<th>FORMULA</th>
<th>DIM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>CLEAR OPENING</td>
<td>A</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>COUNTERBALANCE POST SPACING C/C</td>
<td>(A/2)+11&quot;</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>OVERALL GATE LENGTH</td>
<td>A x 1.5</td>
<td>-</td>
</tr>
<tr>
<td>D</td>
<td>COUNTERBALANCE LENGTH</td>
<td>A x 0.5</td>
<td>-</td>
</tr>
<tr>
<td>E</td>
<td>NOMINAL GATE HEIGHT</td>
<td>E</td>
<td>-</td>
</tr>
<tr>
<td>F</td>
<td>POST HEIGHT (W BARB ARMS)</td>
<td>E + 1 1/4&quot;</td>
<td>-</td>
</tr>
<tr>
<td>G</td>
<td>FABRIC HEIGHT</td>
<td>E - 1 0&quot;</td>
<td>-</td>
</tr>
</tbody>
</table>

PLAN VIEW

-track
-A = CLEAR OPENING
-B = POST SPACING C/C
-C = OVERALL GATE LENGTH
-D = COUNTERBALANCE LENGTH
-G = FABRIC HEIGHT

ELEVATION

-Spherical Support
-W4 Truck
-5/8" Hanger Bolt
-Gussets
-Hanger Bracket

SECTION

-Track
-W4 Truck (Typ.)
-Fabric
-ASTM F 2200 Compliant Gap Protectors (Standard)

ENLARGED SECTION

-Scale: None

GATE HANGER ASSEMBLY

-4" O.D. Post
-Guide Wheel
-UL 325 Compliant Wheel Covers (Standard)

CATCH ASSEMBLY

-Companion
-4" O.D. Post
-Smooth Leading Edge, (No Protrusions Per ASTM F 2200)

BOTTOM GUIDE

-4" O.D. Post
-Guide Wheel
-Bottom Guide Bracket

NOTES:
1. ALL FITTINGS STANDARDLY PROVIDED FOR 4" O.D. POSTS. OTHER SIZES AVAILABLE UPON REQUEST.
2. BARB ARMS (FOR BARBED WIRE) OPTIONAL.

HEAVY DUTY CANTILEVER SLIDE GATE

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