



Highway Guardrail M180 with Bolted Connection and Hot-Dip Galvanized Finish for 2-Meter Postspacing Roadside Protection

Basic Information



Product Specification

- Section Shape: W-beam
- Installation method: Bolted To Steel Posts
- Maintenance: Low Maintenance Required
- Applicable Road Type: Highway
- Postspacing: 2 Meters
- Color: Silver Metallic
- Impact resistance: Designed To Absorb And Deflect Vehicle Impact
- Connection Type: Bolted
- Highlight: **bolted highway guardrail M180, hotdip galvanized roadside barrier, vehicle collision prevention guardrail**

Product Description:

The Highway Guardrail M180 is a premium quality roadside protective barrier designed specifically to enhance highway safety and protect motorists from hazardous roadside conditions. Engineered with precision and durability in mind, this highway safety guardrail offers reliable performance under various traffic and weather conditions, making it an essential component in modern highway infrastructure. With its robust construction and thoughtful design, the M180 model significantly contributes to reducing the severity of accidents and improving overall road safety.

Measuring 310mm in width, the Highway Guardrail M180 provides an optimal balance between strength and visibility. This width ensures that the guardrail can effectively absorb and dissipate the impact energy from vehicles, minimizing damage to both the vehicle and its occupants. The silver metallic color not only adds a sleek and professional appearance but also enhances visibility during both day and night, aiding drivers in recognizing the barrier quickly and reacting accordingly.

The M180 features a bolted connection type, which simplifies installation and maintenance processes. Bolted connections ensure that each segment of the guardrail is securely fastened, providing stability and structural integrity while allowing for easier replacement of individual components if damaged. This design consideration helps reduce downtime during repairs and lowers long-term maintenance costs, making the guardrail a cost-effective solution for highway authorities and contractors.

One of the critical design parameters of the Highway Guardrail M180 is its postspacing of 2 meters. This spacing is meticulously calculated to provide the necessary support and flexibility, ensuring that the guardrail can withstand significant forces without failing. The 2-meter postspacing also improves the guardrail's ability to redirect errant vehicles smoothly back onto the roadway, preventing rollovers or collisions with other roadside hazards. This feature underscores the guardrail's role as a vital highway traffic barrier.

Durability is a hallmark of the Highway Guardrail M180. The product comes with an impressive 10-year warranty, reflecting the manufacturer's confidence in its long-lasting performance and resistance to corrosion and wear. The high-quality materials and protective coatings used in the guardrail's construction ensure that it maintains structural integrity and aesthetic appeal even after years of exposure to harsh environmental conditions. This extended warranty period provides peace of mind to highway planners and maintenance teams, knowing that the guardrail will continue to function effectively over its lifespan.

In addition to its functional advantages, the Highway Guardrail M180 is designed to comply with industry standards and safety regulations, making it suitable for use on highways, expressways, and other high-traffic roadways. Its role as a roadside protective barrier is critical in preventing vehicles from veering off the road into dangerous areas such as steep embankments, bodies of water, or fixed objects. By serving as a reliable highway traffic barrier, the M180 helps reduce the frequency and severity of roadside accidents, ultimately saving lives and reducing economic losses associated with traffic incidents.

Overall, the Highway Guardrail M180 combines robust construction, practical design features, and long-term reliability to deliver an outstanding roadside protective barrier solution. Its 310mm width, silver metallic finish, bolted connection type, and 2-meter postspacing work together to provide superior impact resistance and safety performance. Backed by a 10-year warranty, this highway safety guardrail is an excellent investment for any highway infrastructure project aiming to enhance road safety and protect motorists effectively.

Features:

Product Name: Highway Guardrail M180

Applicable Road Type: Highway

Width: 310mm

Height: 80 Centimeters

Maintenance: Low Maintenance Required

Corrosion Resistance: High

Type: Roadside Protective Barrier

Material: M180 Steel Guardrail

Purpose: Road Safety Guardrail

Technical Parameters:

Shape	W-beam
Installation Method	Bolted To Steel Posts
Finish	Hot-dip Galvanized
Section Shape	W-beam
Applicable Road Type	Highway
Width	310mm
Connection Type	Bolted
Color	Silver Metallic
Maintenance	Low Maintenance Required
Warranty	10 Years

Applications:

The M180 Steel Guardrail is an essential roadside protective barrier designed specifically for highways, providing a robust and reliable safety solution. Its W-beam section shape, with a width of 310mm, ensures optimal energy absorption and deflection during vehicle impacts, significantly reducing the risk of severe accidents. Due to its high corrosion resistance, the M180 Steel Guardrail performs exceptionally well under various weather conditions, including heavy rain, snow, and extreme temperatures, making it a durable choice for long-term highway safety.

This guardrail is ideally suited for installation along highways where high-speed traffic necessitates strong protective measures. The M180 Steel Guardrail effectively prevents vehicles from veering off the road into hazardous areas such as steep embankments, drop-offs, or oncoming traffic lanes, thereby enhancing overall road safety. Its design allows for efficient management of collision forces, minimizing damage to vehicles and injuries to passengers.

In terms of maintenance, the M180 Steel Guardrail requires low maintenance, which is a significant advantage for highway authorities and contractors. Its high-quality materials and corrosion-resistant coating reduce the need for frequent inspections and repairs, lowering long-term maintenance costs and ensuring continuous protection. This durability makes it an excellent choice for highways in both urban and rural settings, where maintenance resources may be limited.

The M180 Steel Guardrail is also suitable for various roadside scenarios, including curves, slopes, bridges, and medians, where enhanced protection is crucial. It serves as a reliable roadside protective barrier in zones with high traffic volumes and accident rates, offering peace of mind to drivers and passengers alike. Whether installed on newly constructed highways or as an upgrade to existing infrastructure, the M180 Steel Guardrail combines safety, durability, and cost-effectiveness.

Overall, the M180 Steel Guardrail stands out as a top-tier roadside protective barrier for highways, delivering superior performance through its W-beam section shape, 310mm width, and high corrosion resistance. Its low maintenance requirements and robust construction ensure long-lasting safety, making it an indispensable component in modern highway safety systems.

Customization:

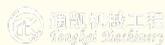
Our M180 Steel Guardrail offers customizable options to meet your specific road safety needs. Featuring a W-beam section shape, this road safety guardrail is designed for optimal strength and durability. The hot-dip galvanized finish ensures long-lasting protection against corrosion and harsh weather conditions. With a width of 310mm, the guardrail provides a robust barrier to enhance roadside safety. Engineered to absorb and deflect vehicle impact, this road safety guardrail maximizes impact resistance to reduce damage during collisions. The connection type is bolted, allowing for easy installation and maintenance. Customize your M180 Steel Guardrail to ensure the highest level of protection for your roadways.

Support and Services:

Our Highway Guardrail M180 product is designed to provide optimal safety and durability for roadside protection. For technical support, our team of experts is available to assist with installation guidance, maintenance recommendations, and troubleshooting any issues that may arise during the product's lifecycle.

We offer comprehensive services including on-site inspections, custom design solutions, and training sessions for installation crews to ensure the guardrail system meets all regulatory standards and performs effectively under various conditions.

Additionally, we provide detailed documentation and manuals to support proper usage and upkeep of the Highway Guardrail M180. Our commitment is to ensure reliable performance and enhance roadway safety through continuous support and service excellence.



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