

Moving Barrier NHTSA OMDB

Moving barrier for frontal oblique impact tests with a 35 % overlap according to NHTSA test protocol.

- | Integrated hydraulic brake system – battery operation without trailing cable
- | Camera stand always included
- | Individually calibrated center of gravity
- | Excellent directional stability



TECHNICAL SPECIFICATIONS

Moving Barrier	
Weight (with deformation element and camera stand)	2490 ± 30 kg
Dimensions (L x W x H) (without deformation element and camera stand)	4,087 mm x 2,305 mm x 1,211 mm
Height (with camera stand)	1,786 mm
Dimensions front plate (W x H)	2,200 mm x 1,100 mm
Front plate clearance height	82,5 ± 2,5 mm
Center of gravity	X-axis: 915 ± 30 mm behind front axle Y-axis: 0 ± 10 mm left of centerline
Max. test speed	90 km/h
Hydraulic Vehicle Brake	
Brake system type	Hydraulic disc brake on each wheel
Operating pressure	130 bar
Dimensions (L x W x H)	177 mm x 170 mm x 137 mm
Mounting grid	150 mm x 105 mm (M12)
Weight	6 kg
Shockproof	1,000 G
Power supply	24 VDC, 1.5 A
Battery capacity	1,800 mAh, 12 VDC (NiMH)
Battery operating temperature	0...45°C
Hydraulic connection	Minimess
Brake fluid	DOT 4

- Scope of supply** | Moving Barrier NHTSA OMDB
| Camera stand
| Cable support tube for trailing cable
| Hydraulic vehicle brake
| Hand pump for hydraulic vehicle brake

- Optional equipment** | Barrier Restrainer
| Trailing cable system
| Deformation elements
| Radio-control system for hydraulic vehicle brake