

BOMN WAGON

BOMN Wagons are fitted with single pipe graduated release Airbrake system with composite brake block as per Indian Railway standard. Hand wheel type parking brakes are provided on both bogies for parking the wagon on gradients.

The Wagon is fitted with transition type center buffer couplers along with side buffers. This enables the wagon to be coupled to other rolling stocks either with center buffer couplers or screw couplers.

BOMN Wagons are primarily used for transportation of Military vehicles.



BOGIE OPEN MILITARY NEW WAGON - BROAD GAUGE (1676 MM)

The Underframe is a heavy welded structure of overall length 18460 mm over the headstock and 3200 mm width made out of general purpose structural steel to IS: 2062. Provision has been made to accommodate center pivot pins for bogies, buffers and transition couplers. The Underframe is provided with lashing arrangement and 2 Nos. of loading flaps over the buffers at both ends to facilitate loading / unloading.

Proven design, CASNUB-22NLB cast steel bogies fitted with spring plank, long travel helical springs and load proportionate friction damping arrangement as per RDSO specification WD-21-CASNUB-22 NLB-BOGIE-93.

The bogie is fitted with 1000 mm tread diameter wheel set with cartridge taper roller bearing having a wheel base of 2000 mm. Elastomeric pads are provided over the axle to cater for dynamic shocks. The brake blocks are of composite material for enhanced braking efficiency.

Specifications

Gauge	1676 mm
Length over Head Stocks	18460 mm
Length over Coupling Faces	19742 mm
Distance between center of Bogies	13890 mm
Width over Body	3200 mm
Floor Height from Rail Level	1275 mm
Axle Load	20.32 Tonnes
Tare Weight	29.77 Tonnes
Payload Capacity	35.85 Tonnes
Gross Weight	65.62 Tonnes
Wheel Diameter	1000 mm
Maximum Speed	65 kmph