

BRSTN WAGON

BRSTN Wagons are fitted with air brake system of single pipe graduated release type. Air brake cylinders & other aggregates like valves, reservoir, pipings, etc., are mounted on bottom side of Underframe.

The Wagon is fitted with one number each transition type center buffer couplers on either sides to facilitate coupling & decoupling with other rolling stocks. Loading flaps are provided over side buffers to facilitate loading/unloading. Two Nos. of buffers are provided on either side of wagon. Lashing arrangement is provided on four sides of wagon for lashing purpose.

BRSTN Wagons are primarily used for transportation of Military vehicles.



BOGIE RAILWAY SPECIAL TRANSITIONAL COUPLING NEW WAGON BROAD GAUGE (1676 MM)

The Underframe is a heavy riveted / welded structure of overall length 13716 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.

Bogies are of proven design, Cast steel CASNUB-22NLB with friction damping arrangement fitted over wheels of tread diameter 1000 mm with wheel base of 2000 mm.

Bogie suspension arrangement is with heavy duty helical springs to withstand axle load of 20.32 tonnes. Additional snubber springs are provided to enhance capacity of suspension. Elastomeric pads are provided in bogie underframe to withstand dynamic shocks. Brake blocs are of composite material to enhance braking efficiency.

Specifications

Gauge	1676 mm
Length over Head Stocks	13716 mm
Length over Coupling Faces	14998 mm
Distance between center of Bogies	9144 mm
Width over Body	3200 mm
Floor Height from Rail Level	1264 mm
Axle Load	20.32 Tonnes
Tare Weight	25.01 Tonnes
Payload Capacity	56.27 Tonnes
Gross Weight	81.28 Tonnes
Wheel Diameter	1000 mm
Maximum Speed	65 kmph