

WAGON SPEC Annexure1

Main Performance Parameter		
Item	Description	Parameter
1	Load	63 Tonnes
2	Axle load	20.5 tonnes
3	Tare weight	19 tonnes
4	Gross weight	82 tonnes
5	Cubic capacity	70.9 m ³
6	Maximum running speed	80 Km/h
7	Track gauge	1067 mm
8	Radius of minimum curve negotiated	60 m
Body main dimension		
9	Body type material	3CR12 Steel
10	Body length over couplers	13200 mm
11	Height from coupler center line to top of rail	880 - 895mm
12	Maximum width of wagon	3020 mm
Bogie		
13	Type	Three piece Ride Control bogie
14	Wheel diameter	762 mm (30``)
15	Airbrake system	Air brake
16	Brake pressure	620 KPa (90 Psi)
17	Brake ratio (empty/ loaded)	23.36%/ 12.63%
18	Bearing type	Timken AAR grade D (5 1/2``x10)

Note: The wagons run in pair (twin vehicle, one master, and one sleeve)