

## Height of different Rolling stocks

### 1 . Diesel Locomotives:

Loco type	Height of Loco ( mm)
WDM2/3A	4346
WDG3A	4326
WDPI	4386
WDP3A	4184
WDG4	4217.9
WDP4, WDP4B	4264
WDM3D	4340
WDP4D	4211.6
WDG4D	4258
WDG5	4381.7

### 2. Electric Locomotives

<p>The following Electric locomotives are running/likely to run on Mumbai division having maximum height in locked down condition is less than 4.27 meters.</p> <p>i)WAP/1,ii)WAP/4, iii)WAP/5,iv)WAP/7,v)WAG/5,vi)WAG/7 vii)WAG/9,viii)WCAG/1,ix)WACM/1,x)WACM/2,xi)WACM/3 xii)WAM/4 xiii)WCM/6.</p>	<p>Loco height taken as per DY.CEE/EM's note No.T.102.LG.05.Safety/Accident dated 13.11.13.</p>
---	---

### 3. EMU

Type of rolling stock	Transportation code of rolling stock	Maximum height in meters (pantograph locked down condition) (mm)	Remarks.	
1.AC-DC Siemens	Motor coach (YSZZ)	4.275 (with shunk make pantograph)	Pantograph of M/s.Shunk make is provided with height of 575+-10	1.Total Height of coach from rail level 3810 mm. 2. Dishing of coach by 120 mm. 3. Net coach height (3810-120) = 3690
		4.308 (With Stone India make pantograph)	Pantograph of M/s.stone India make is provided with height of 613+- 05.	
2, AC-DC BHEL	Motor coach (YSZZ)	4.293	As per ICF Drg.No.AC/DC/EMU/ M2-9-0201.	
3.DC	Motor	4.381	As per the BHEL	

EMU	coach (YSZZ)		maintenance manual No.MM/DC EMU/003.	
4.AC-DC (Retrofitted.)	Motor coach (YSZZ)	4.225	As per Drg.No.ET/RS/C/1029 ( L.531.P.51C Vol.IV).	
5. AC (Retrofitted.)	Motor coach (YSZZ)	4.219	As per Drg.No. WR/MX/Mech h.1915/2-Mech-028 Panto height 589 mm.	1.Coach heigh-3810 (ICF) 2. Dishing-180 mm. 3. Net Height-3630.

DC EMU will be phased out in near future after conversion from DC to AC OHE and retrofitted rakes will work having height less than 4.27 mtrs.

**4. Coaches:**

	Coach type	Height (mm)	Drawing
ICF	WGSCNY	4039	CSC-1503
	WACCN	4250	CSC-1722
LHB	LHB shell on FIAT bogie	4039	CSC-1783
	LHB shell on ICF bogie	4039	CSC-1762
		4250	Csc-1756
Garib Rath	64 Berths	4250	AE90007
	75 Berths	4213	AE90026
	78 Berths	4213	AE90042
	81 Berths	4381	AE90030
	84 Berths	4213	AE90048

**5. Wagons**

Sr.No.	Type of Rolling stock	Transportation/ Mech. Code	Maximum height of Rolling stock (mm)
1	Bogie covered Wagon	BCNHL	4305
2	Bogie Ammonia Tank wagon	BTALM	4275
3	Bogie LPG Tank wagon	BTPGL	4285
4	Bogie LPG Tank wagon	BTPGLN	4285
5	Bogie Ammonia Tank wagon	BTAL	4375

\*\*\*\*\*