



Drawing of bogie frame	GY - B.01.04.00.00.00
Gauge	1 435 mm
Wheel base	1 800 mm
Tare weight	4000 %3 kg
Height of Pivot center from top of the rail at 20 t wagon weight	925 mm (+2/-4)
Size of transverse clearances in axle guide stays	2 x 10 mm
Specific bogie suspension for the axle load	Up to 6,63 t = 2,45 mm/t Above 6,63 t = 0,93 mm/t
Maximum running speed	120 km/h
Maximum axle load	22,5 t
Wheel diameter max/min	Ø 920 and Ø 840 mm
Range of outdoor air temperatures	-25 °C to +40°C
Axle type	BA 002
Wheels type	BA 004 - 314 - 318
Axle roller bearing	WJ/WJP 130x240
Axle box type	BA 182
Maximum cant deficiency	130 mm
Range of distances between bogie pivot or range of wheel base of two axle unit	6.5 m - 20 m
Maximum height of centre of gravity of empty unit	1500 mm
Rail inclination	1:20 , 1: 30 , 1:40
Minimum tare of the unit	4.0 t/axle
Maximum mass distribution coefficient for empty units	0,55
Maximum moment of inertia around vertical axis	5160 kgm ²



Y25Ls-K Bogie Characteristic