

Brunel Swivel Bridge, Bristol

Dimensions across rail track

	Measured 27 May 2017	Converted to metric
		25.4
North to South	in	mm
Dimension to string lines	149.500	3797
Dimension to south edge	2.875	73
Dimension to north edge	3.000	76
diameter to inner edge of rail	155.375	3947
		0
Width of rail	3.500	89
		0
Diameter to centre line of rail	158.875	4035
		0
Dimension S string to pintle	74.625	1895
Dimension N string to pintle	74.750	1899
Dimension to string lines	149.375	3794
East to West	in	mm
Dimension to string lines	148.500	3772
Dimension to east edge	3.875	98
Dimension to west edge	3.500	89
diameter to inner edge of rail	155.875	3959
		0
Width of rail	3.500	89
		0
Diameter to centre line of rail	159.375	4048
		0
Dimension E string to pintle	73.375	1864
Dimension W string to pintle	74.750	1899
Dimension to string lines	148.125	3762
Average diameter to inner edge of rail	155.625	3953
Average diameter to centre line of rail	159.125	4042
Average radius to centre line of rail	79.563	2021
Original drawings radius to centre line of rail	79.500	2019
Difference	0.063	2