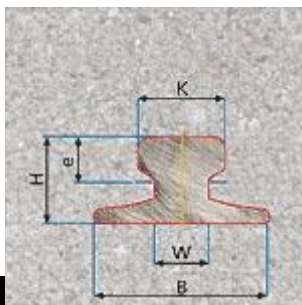


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2	Weight G [kg/m]	Height H [mm]	Base B [mm]	Head K [mm]	Web W [mm]	Cross section [cm ²]	Moment of inertia [cm ⁴]	Section modulus [cm ³]	Neutral axis e[mm]	Permissible Wheel load [Kn]
MRS 73 PRI	73,63	157,00	146,00	70,00	32,00	93,80	2660,10	298,90	89,00	320
85	84,80	152,40	152,40	101,60	31,75	108,70	3055,00	400,17	76,06	460
MRS 87a	86,80	152,40	152,40	101,60	34,90	111,28	3068,00	399,48	76,80	460
PRI 85r	86,80	152,40	152,40	101,60	34,90	111,28	3068,00	399,27	76,84	460
MRS 87b	86,80	152,40	152,40	101,60	38,00	110,45	2923,00	381,00	76,72	460
BSC_101	100,38	155,00	165,00	100,00	45,00	128,40	3410,78	420,47	81,12	455
MRS_125	125,00	180,00	180,00	120,00	40,00	160,25	6225,00	681,00	91,41	725
104-bCR	51,60	127,00	127,00	63,50	25,40	66,38	1275,80	182,65	69,85	255
105-bCR	52,08	131,75	131,76	65,09	23,81	66,45	1432,25	203,04	70,54	275
135-bCR	67,00	146,05	131,76	76,20	31,75	85,93	2105,00	281,94	74,63	225
171-bCR	84,80	152,40	152,40	101,60	31,75	108,70	3055,00	400,17	76,06	460
175-bCR	86,80	152,40	152,40	101,60	38,10	110,64	2923,00	381,00	75,78	460



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3 Rail section	Weight G [kg/m]	Height H [mm]	Base B [mm]	Head K [mm]	Web W [mm]	Cross section [cm ²]	Moment of inertia [cm ⁴]	Section modulus [cm ³]	Neutral axis e[mm]	Permissible Wheel load [Kn]
BSC_56	56,81	101,50	171,00	76,00	35,00	72,37	836,31	146,79	56,97	320
BSC_89	89,81	114,00	178,00	102,00	51,00	114,41	1502,23	246,27	61,71	450
BSC_164	166,83	150,00	230,00	140,00	75,00	212,52	4784,13	580,52	82,28	850
MR 77	77,00	100,00	200,00	100,00	60,00	98,10	1030,00	188,00	54,80	450
MRS 86	85,53	102,00	165,00	102,00	80,30	108,92	1052,70	193,20	54,49	470
A 45	22,10	55,00	125,00	45,00	24,00	28,20	90,00	27,20	33,30	90
A 55	31,80	65,00	150,00	55,00	31,00	40,50	178,00	45,60	39,00	135
A 65	43,10	75,00	175,00	65,00	38,00	54,90	319,00	71,40	44,70	200
A 75	56,20	85,00	200,00	75,00	45,00	71,60	531,00	105,40	50,40	315
A 100	74,30	95,00	200,00	100,00	60,00	94,70	856,00	161,80	52,90	450
A 120	100,00	105,00	220,00	120,00	72,00	127,40	1361,00	235,11	57,90	650
A 150	150,30	150,00	220,00	150,00	80,00	191,40	4373,00	565,70	77,30	1.050

Steel grade	Rm min. [N/mm2]	Re min [N/mm2]	Elongation [%]	Hardness [HB]
70	690	355	12	200
80	780	390	10	230
90	880	440	8	260
70 Va	690	450	15	200
80 Va	780	490	12	230
90 Va	880	540	10	260
100 Cr-Va	980	590	8	290
110 Cr-Va	1080	640	7	320