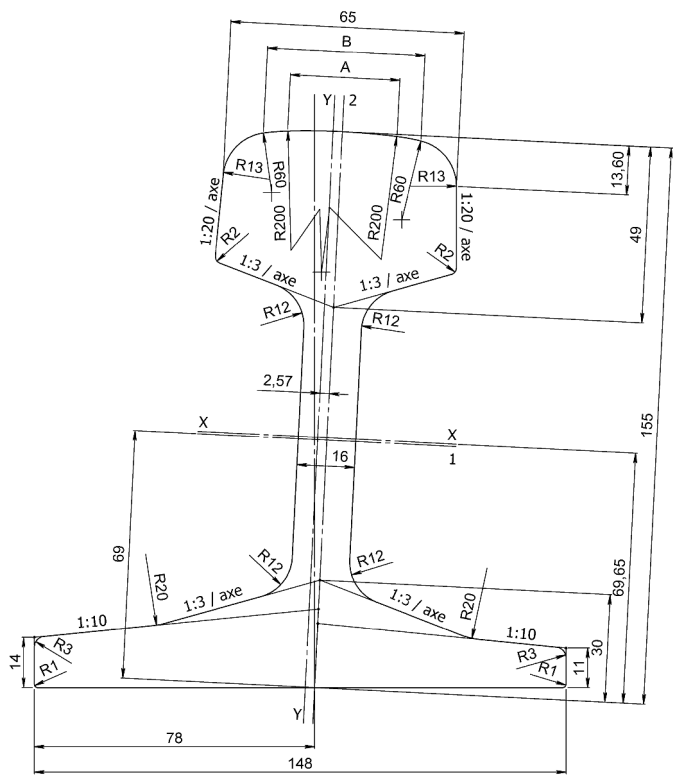


Dimensions in millimetres



Key	
1	centre line of branding
2	web and head axis 1:20 to vertical

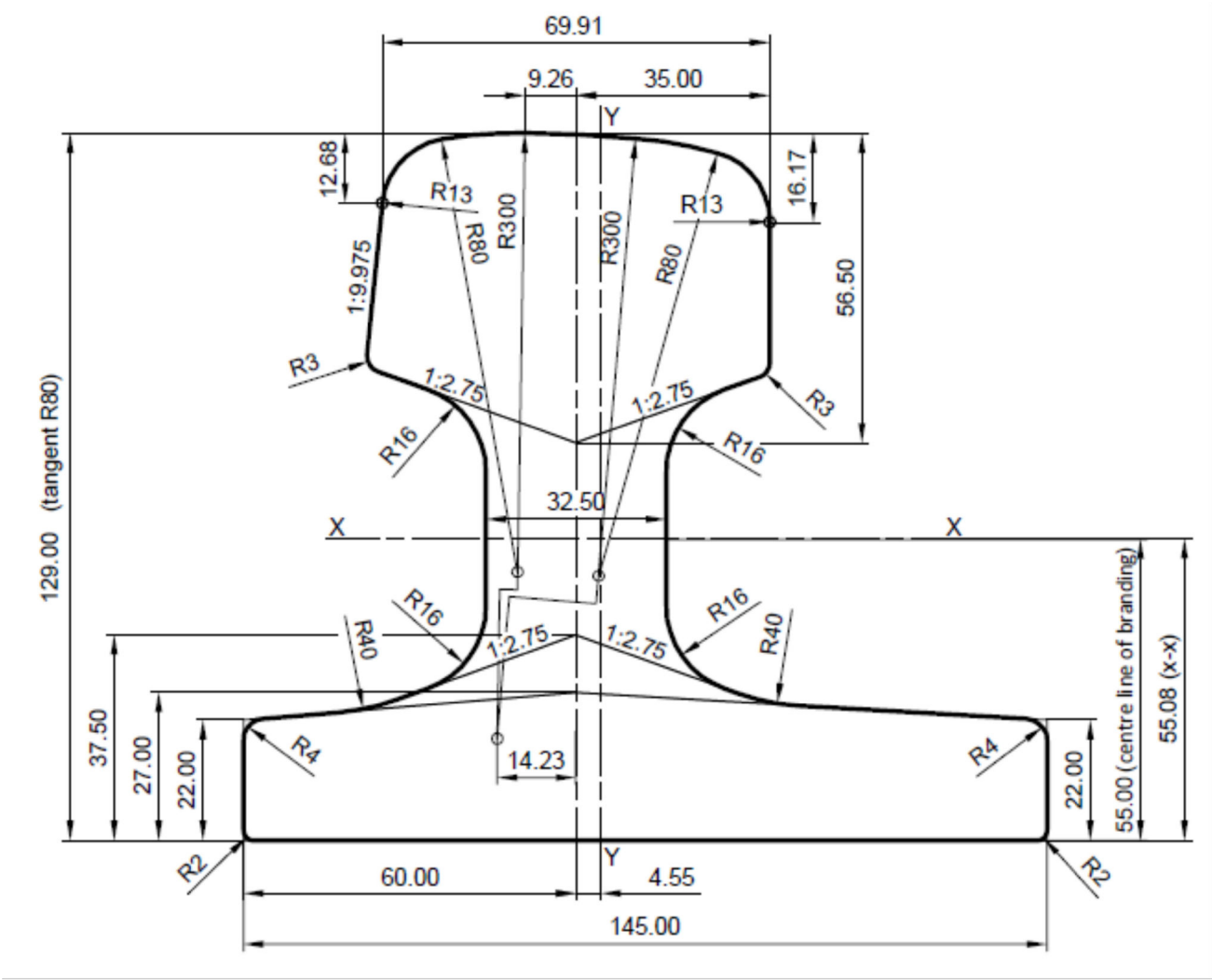
Section Properties on axis 1:20 from vertical

Cross-sectional area	:	69,06	cm ²
Mass per metre	:	54,21	kg/m
Moment of inertia x-x-axis	:	2 213,0	cm ⁴
Section modulus-Head	:	259,3	cm ³
Section modulus-Base	:	301,1	cm ³
Moment of inertia y-y-axis	:	497,4	cm ⁴
Section modulus y-y-axis left	:	65,5	cm ³
Section modulus y-y-axis right	:	68,7	cm ³

Indicative dimensions:	A = 30,437 mm
	B = 43,936 mm

Figure A.12 — Rail profile 50E6A2

Dimensions in millimetres



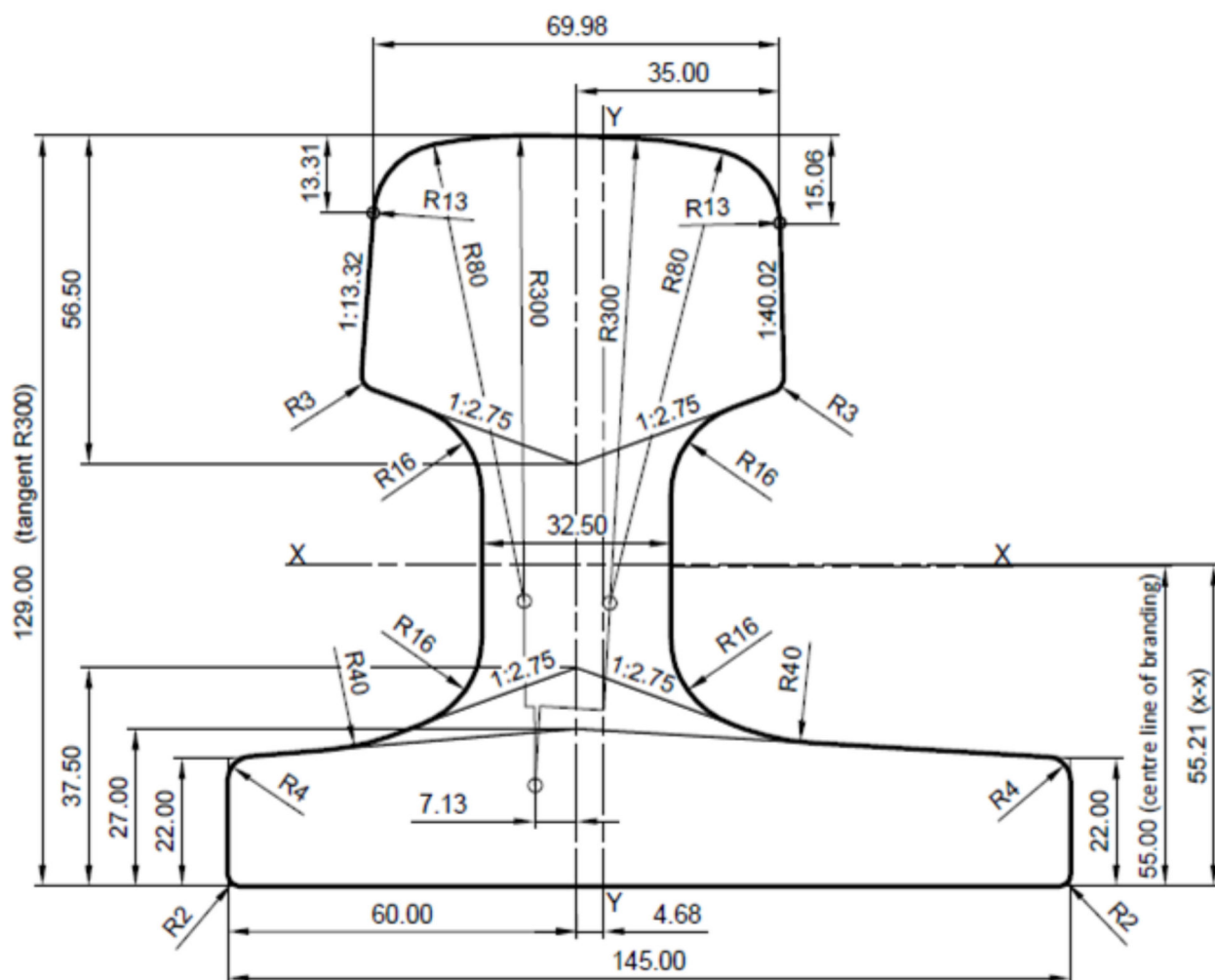
Key

1 centre line of branding

Cross-sectional area	:	87,41	cm ²
Mass per metre	:	68,62	kg/m
Moment of inertia x-x-axis	:	1 552,5	cm ⁴
Section modulus-Head	:	210	cm ³
Section modulus-Base	:	281,9	cm ³
Moment of inertia y-y-axis	:	772,5	cm ⁴
Section modulus y-y-axis left	:	119,7	cm ³
Section modulus y-y-axis right	:	96	cm ³

Indicative dimensions
A = 20,000 mm
B = 49,661 mm

Figure A.13 — Rail profile 54E1A3



Key

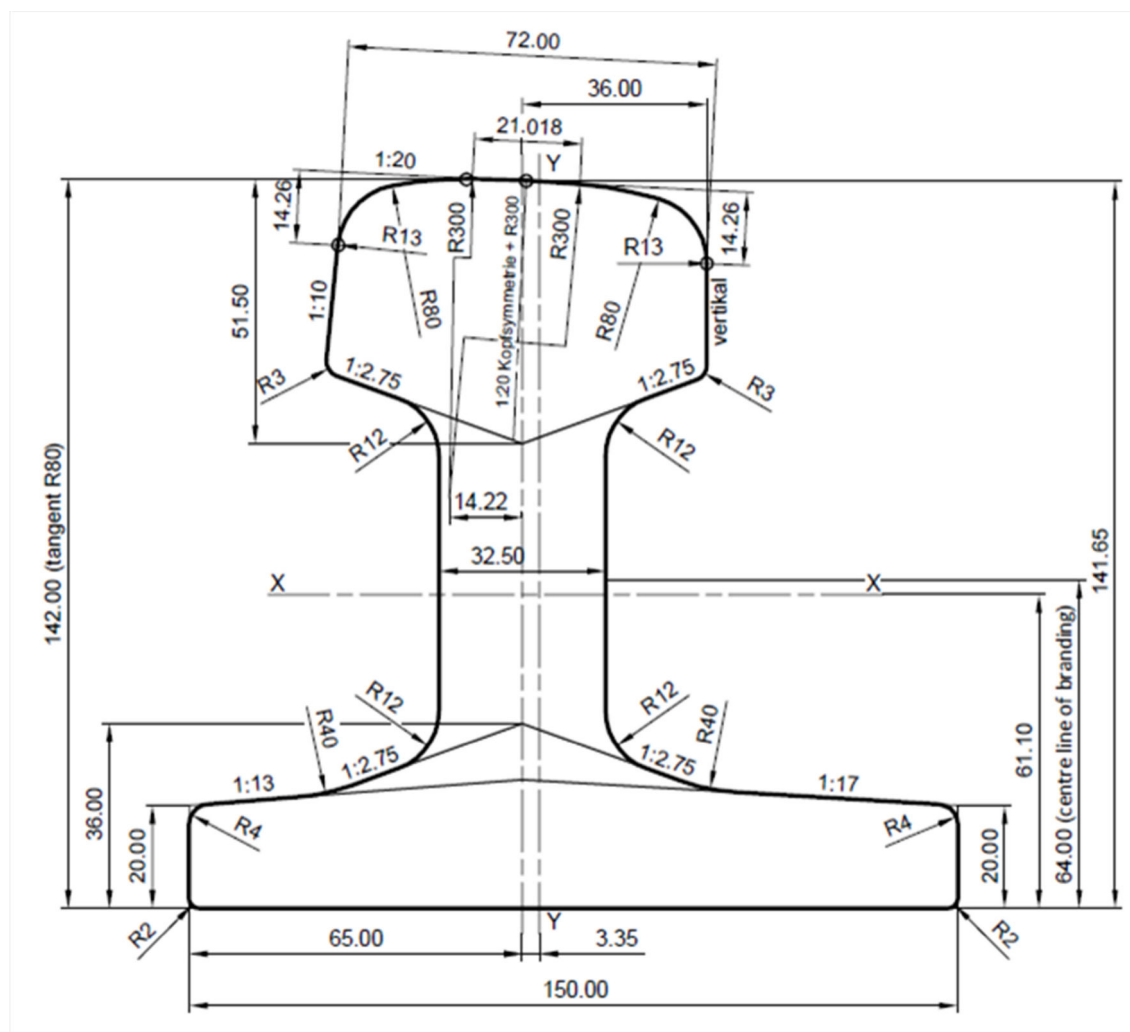
- 1 centre line of branding

Cross-sectional area	:	87,58	cm ²
Mass per metre	:	68,75	kg/m
Moment of inertia x-x-axis	:	1 560,9	cm ⁴
Section modulus-Head	:	211,6	cm ³
Section modulus-Base	:	282,7	cm ³
Moment of inertia y-y-axis	:	771,9	cm ⁴
Section modulus y-y-axis left	:	119,3	cm ³
Section modulus y-y-axis right	:	96,1	cm ³

Indicative dimensions A = 19,973 mm
 B = 49,731mm

Figure A.14 — Rail profile 54E1A4

Dimensions in millimetres

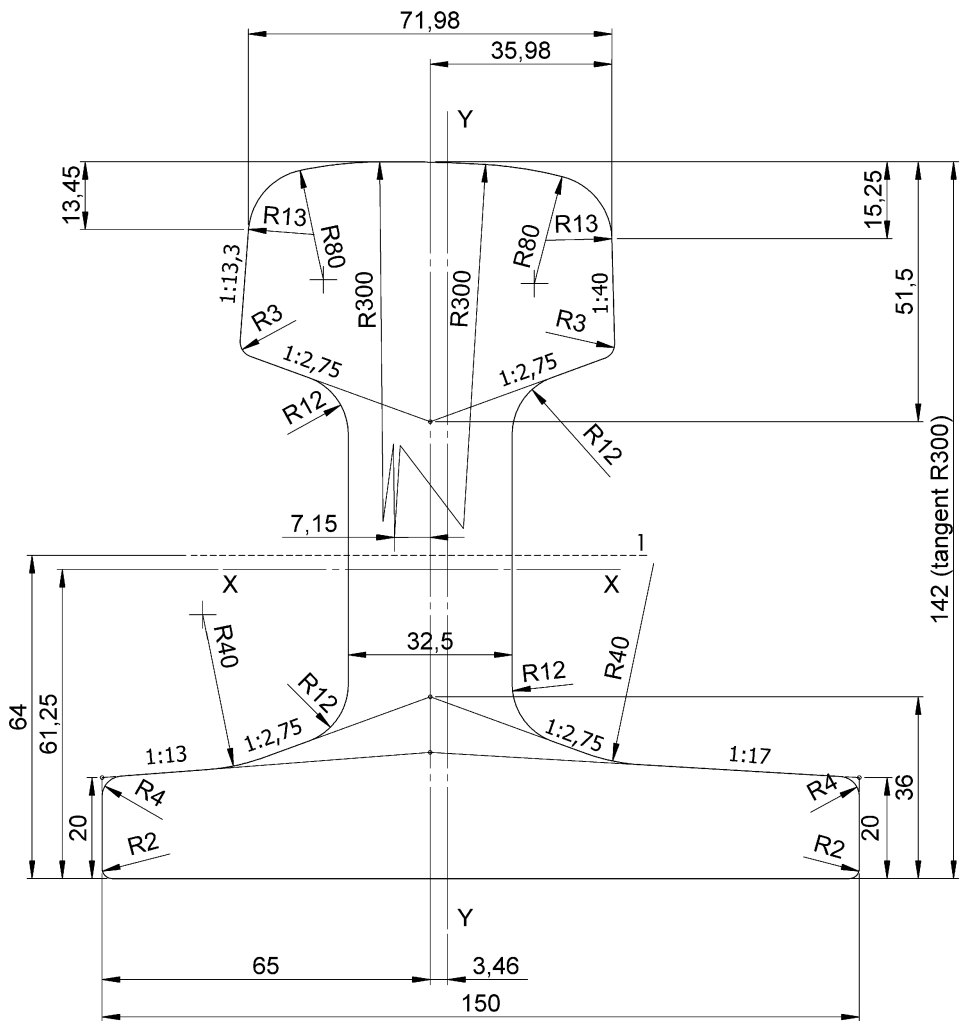


Key

1	centre line of branding
Cross-sectional area	: 88,95 cm ²
Mass per metre	: 69,83 kg/m
Moment of inertia x-x-axis	: 2 025,8 cm ⁴
Section modulus - Head	: 250,4 cm ³
Section modulus - Base	: 331,5 cm ³
Moment of inertia y-y-axis	: 764,4 cm ⁴
Section modulus y-y-axis left	: 111,8 cm ³
Section modulus y-y-axis right	: 93,6 cm ³
Indicative dimensions	A = 21,042 mm B = 51,901 mm

Figure A.15 — Rail profile 60E1A4

Dimensions in millimetres



Key

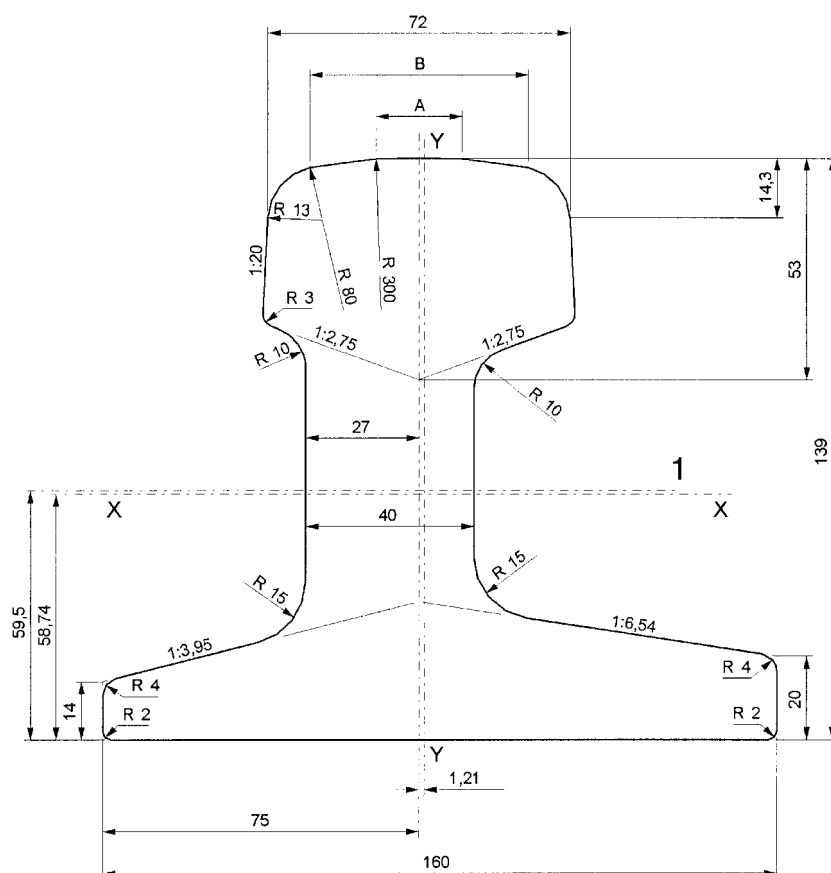
1 centre line of branding

Cross-sectional area	:	89,11	cm ²
Mass per metre	:	69,95	kg/m
Moment of inertia x-x-axis	:	2 035,8	cm ⁴
Section modulus-Head	:	252,1	cm ³
Section modulus-Base	:	332,4	cm ³
Moment of inertia y-y-axis	:	764,3	cm ⁴
Section modulus y-y-axis left	:	111,6	cm ³
Section modulus y-y-axis right	:	93,7	cm ³

Indicative dimensions:
A = 20,985 mm
B = 51,978 mm

Figure A.16 — Rail profile 60E1A5

Dimensions in millimetres



Key

1 centre line of branding

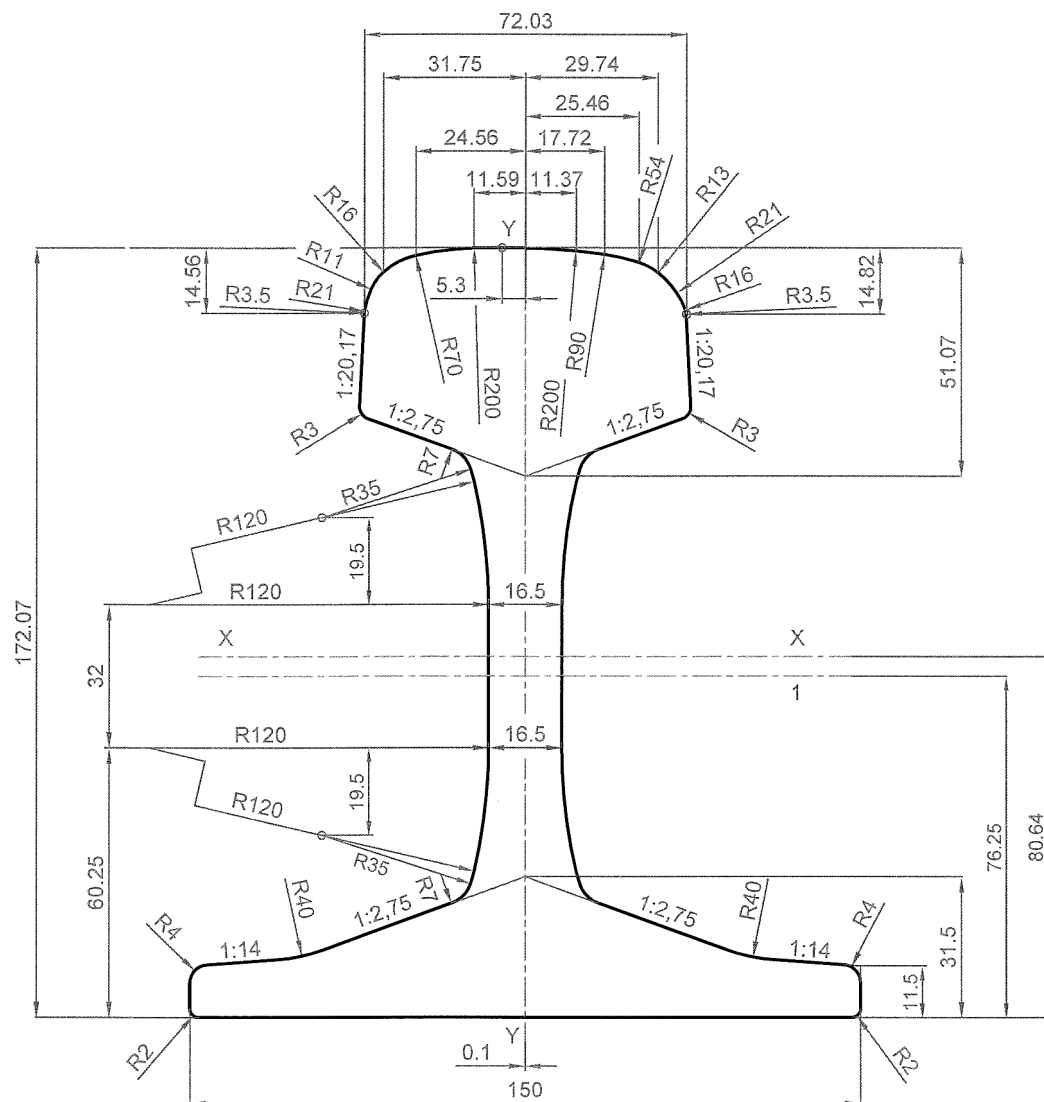
Cross-sectional area	:	97,08	cm ²
Mass per metre	:	76,21	kg/m
Moment of inertia x-x-axis	:	2 009,9	cm ⁴
Section modulus-Head	:	250,4	cm ³
Section modulus-Base	:	342,2	cm ³
Moment of inertia y-y-axis	:	910,9	cm ⁴
Section modulus y-y-axis left	:	119,5	cm ³
Section modulus y-y-axis right	:	108,7	cm ³

Indicative dimensions:

A =	20,456 mm
B =	52,053 mm

Figure A.17 — Rail profile 60E1A6

Dimensions in millimetres

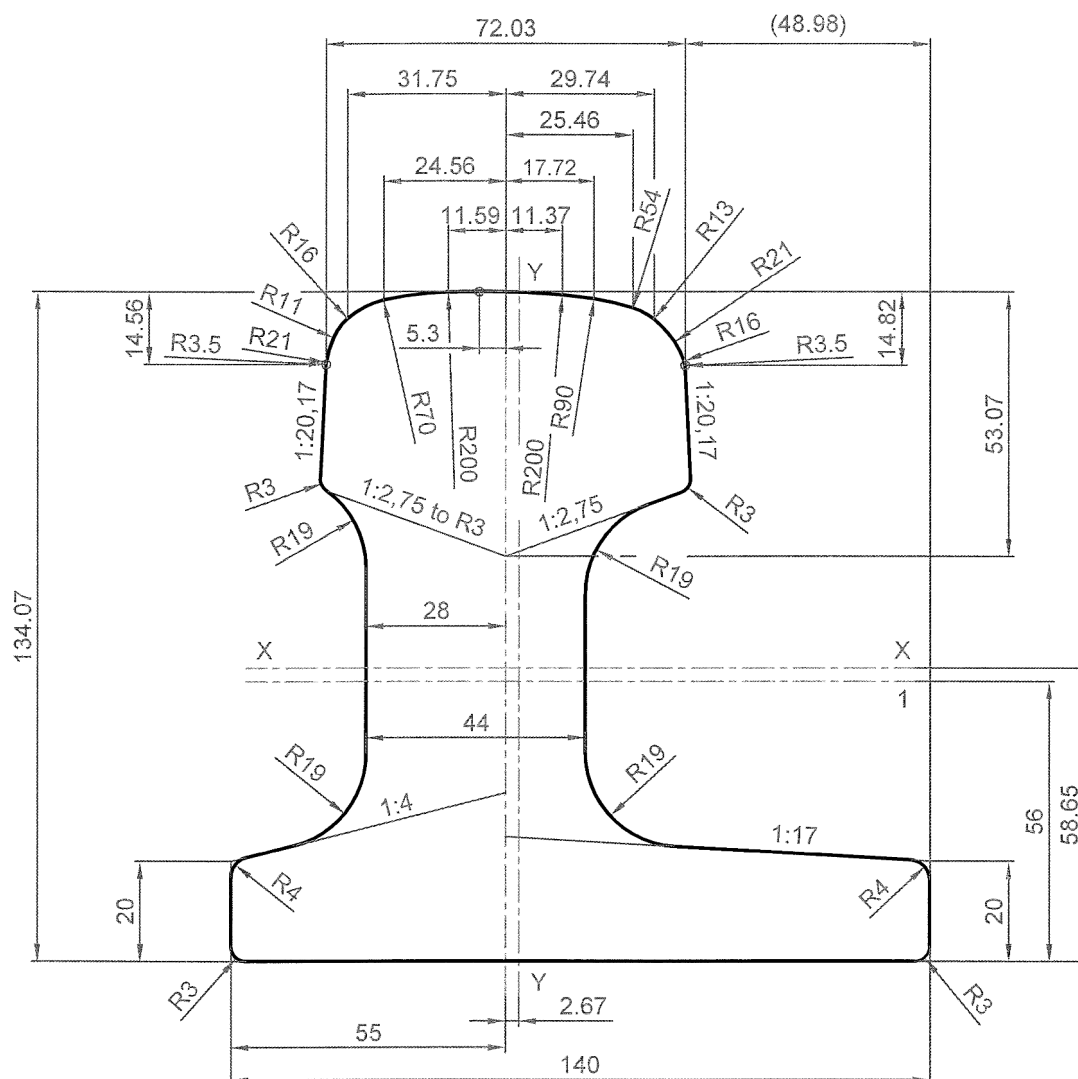


Key

1 centre line of branding

Cross-sectional area	:	76,46	cm ²
Mass per metre	:	60,02	kg/m
Moment of inertia x-x-axis	:	3 020,8	cm ⁴
Section modulus-Head	:	330,5	cm ³
Section modulus-Base	:	374,5	cm ³
Moment of inertia y-y-axis	:	510,3	cm ⁴
Section modulus y-y-axis left	:	67,9	cm ³
Section modulus y-y-axis right	:	68,1	cm ³

Figure A.18 — 60E2A1



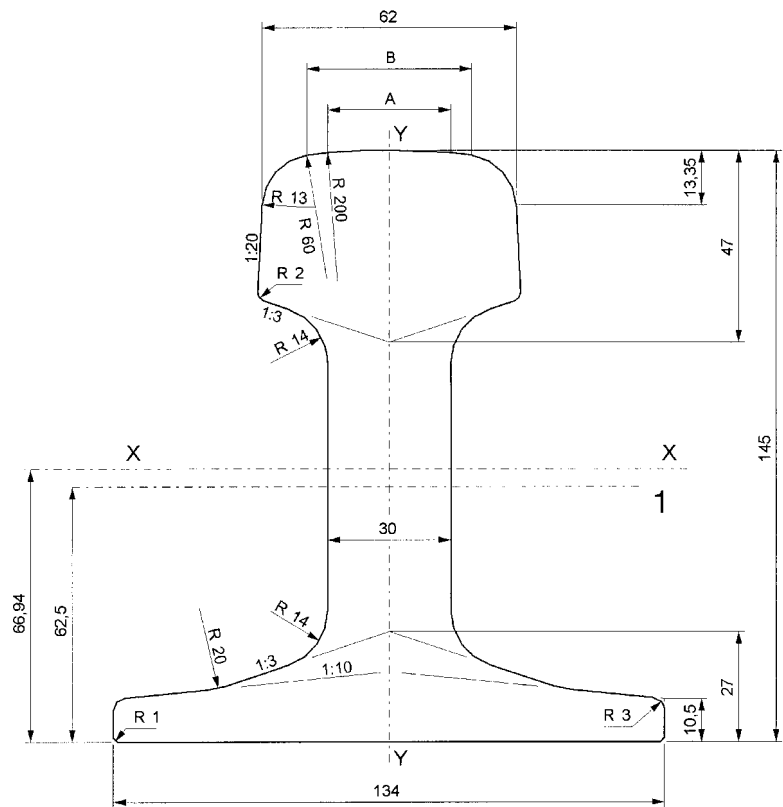
Key

1 centre line of branding

Cross-sectional area	: 92,71	cm ²
Mass per metre	: 72,78	kg/m
Moment of inertia x-x-axis	: 1 715,2	cm ⁴
Section modulus-Head	: 227,4	cm ³
Section modulus-Base	: 292,4	cm ³
Moment of inertia y-y-axis	: 739,6	cm ⁴
Section modulus y-y-axis left	: 89,8	cm ³
Section modulus y-y-axis right	: 128,2	cm ³

Figure A.19 — 60E2A2

Dimensions in millimetres



Key

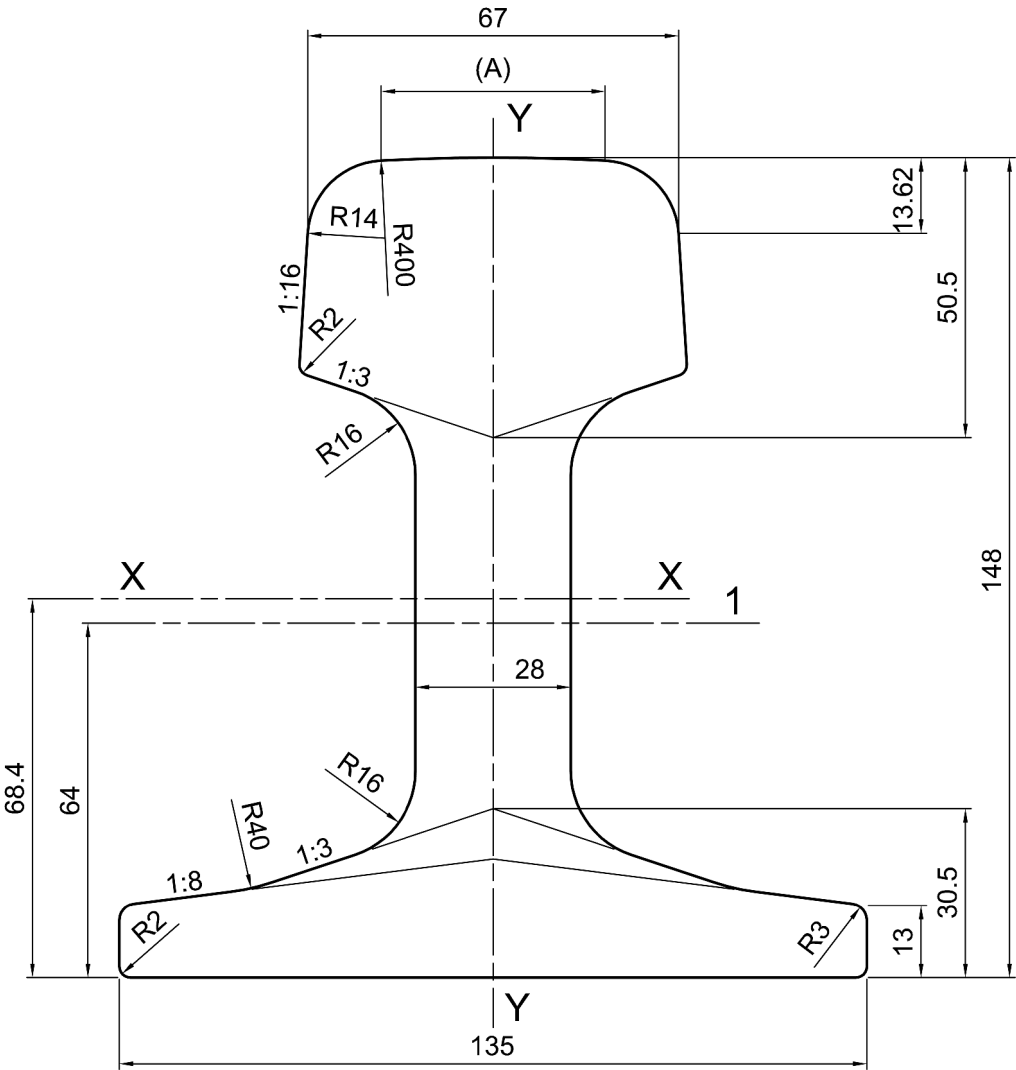
1 centre line of branding

Cross-sectional area	:	71,32	cm ²
Mass per metre	:	55,98	kg/m
Moment of inertia x-x-axis	:	1 716,7	cm ⁴
Section modulus-Head	:	219,9	cm ³
Section modulus-Base	:	256,5	cm ³
Moment of inertia y-y-axis	:	347,6	cm ⁴
Section modulus y-y-axis	:	51,9	cm ³

Indicative dimensions:
A = 30,000 mm
B = 40,190 mm

Figure A.20 — Rail profile 46E2T1

Dimensions in millimetres



Key		
1	centre line of branding	
Cross-sectional area	:	77,66 cm ²
Mass per metre	:	60,96 kg/m
Moment of inertia x-x-axis	:	1 997,3 cm ⁴
Section modulus-Head	:	250,9 cm ³
Section modulus-Base	:	292,0 cm ³
Moment of inertia y-y-axis	:	437,8 cm ⁴
Section modulus y-y-axis	:	64,9 cm ³

Indicative dimensions: A = 40,471 mm

Figure A.21 — Rail profile 50E1T1