

PART A SPARS

Section A1 Masts

A1.1 Masts - Allyacht Spars sections

Updates for this section: 27/07/05; 15/08/05; 08/09/05; 21/04/06; 18/10/2011

Allyacht Spars Australia is the foremost provider of yacht masts and spars in Australia, with a range of mast sections catering for a wide variety of cruising and racing yachts. The majority of masts are customised for a particular boat, involving a unique process of engineering and design that enables a comprehensive quotation to be produced, and for fully assembled masts and rigging to be supplied with a 12 month warranty. All mast sections are supplied fully anodised. Basic specifications are listed below.

Variations Masts are usually supplied Fully Assembled, but may also be supplied as a Kit.

Fully Assembled Ready for use

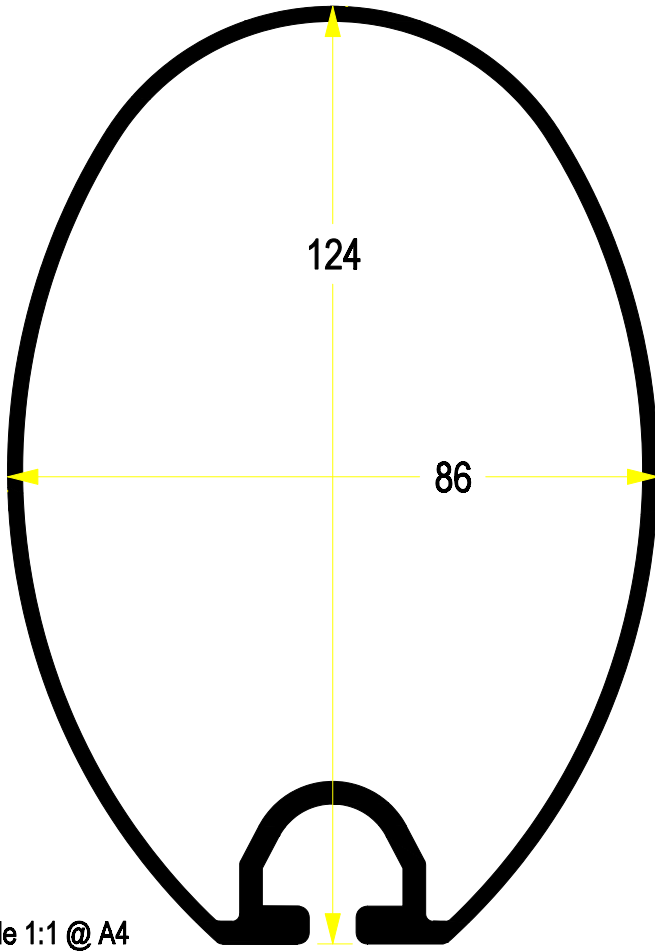
Holes-cut Kit Mast section cut and drilled, then anodised, and all components provided

Please contact Allyacht Spars Australia for further details.

DESCRIPTION	PART NO.	SIZE (mm x mm)	AREA (mm ²)	MASS (kg/m)	I _{xx} (x10 ⁶ mm ⁴)	I _{yy} (x10 ⁶ mm ⁴)
IM12L	IM12L-HY.A	124 x 86	833	2.2580	0.6461	1.5033
IM135	IM135.A	135 x 82	1134	3.0700	0.8690	2.3800
IM15	IM15-HY.A	148 x 98	1326	3.5920	1.4441	3.4145
IM16L	IM16L-HY.A	160 x 112	1549	4.1990	2.0881	4.8614
IM18L	IM18L-HY.A	181 x 124	1691	4.5840	2.9112	6.8154
IM19	IM19-HY.A	191 x 128	2177	5.8980	4.0345	9.5483
IM20W	IM20W-HY.A	201 x 142	2559	6.9360	5.7704	12.5809
IM21R	IM21R-HY.A	212 x 130	2723	7.3520	5.3070	15.1120
AYS235	AYS235.A	234 x 154	3042	8.2130	8.7520	20.8400
AYS250	AYS250.A	252 x 162	3466	9.3580	11.3000	27.0600
AYS280	AYS280.A	272 x 175	4075	11.0030	15.6100	38.4900
AYS310	AYS310.A	307 x 190	4821	13.0170	21.8700	54.9900
AYS340	AYS340.A	340 x 206	5963	16.090	31.7200	81.9600
AYS200-WING	AYS200-WING.A	200 x 95	1390	3.8000	1.4300	6.0600
AYS250-WING	AYS250-WING.A	250 x 108	2184	6.2040	2.7000	14.5500

IM12L

2.3 kg/m

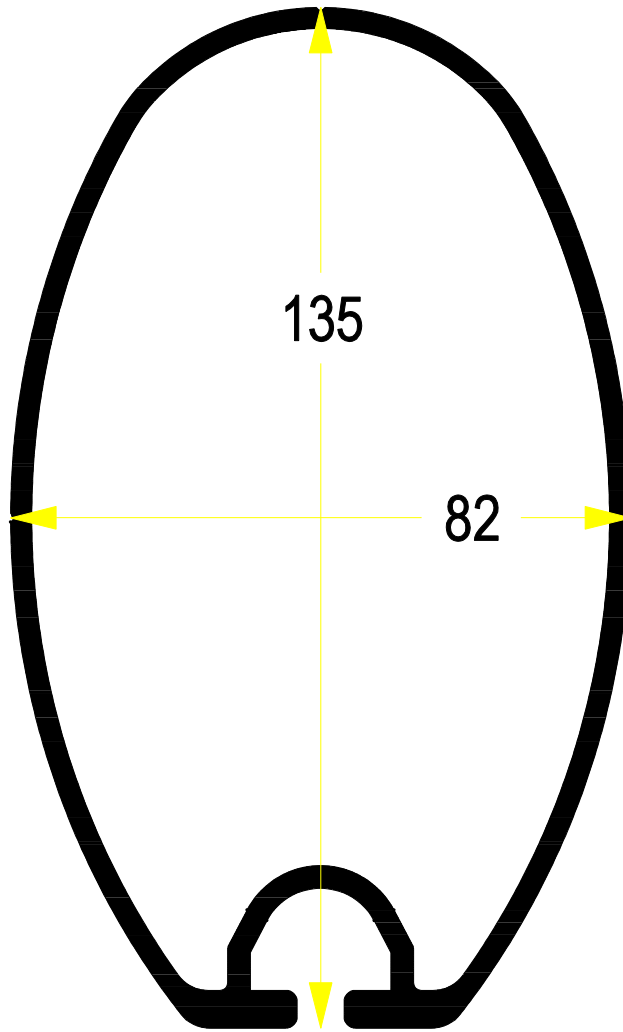


Scale 1:1 @ A4

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IM135

3.07 kg/m

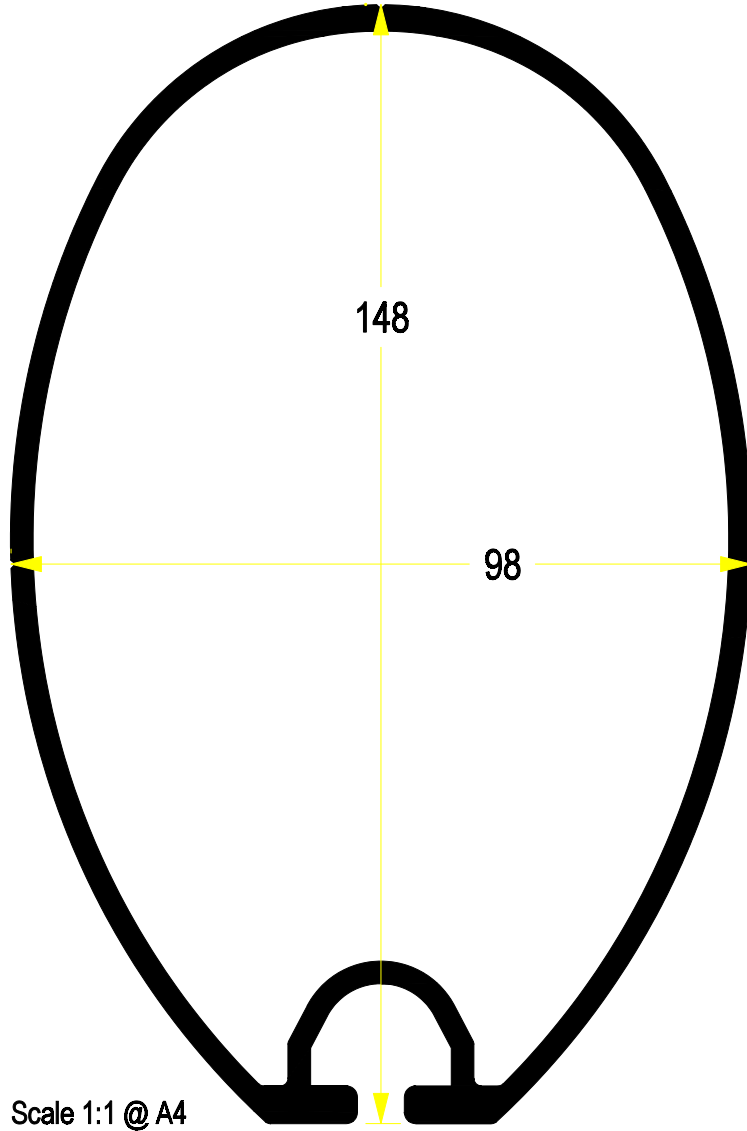


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IM15

3.6 kg/m

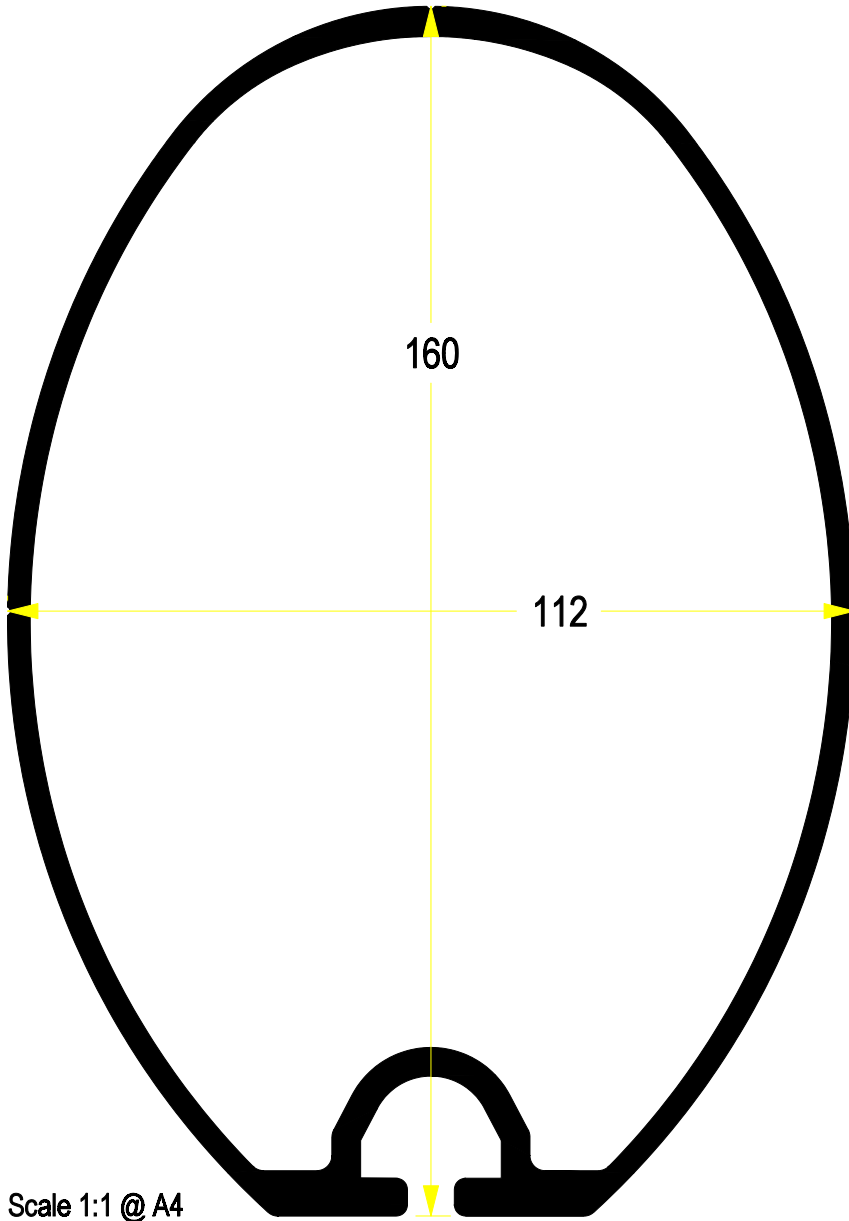


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IM16L

4.2 kg/m

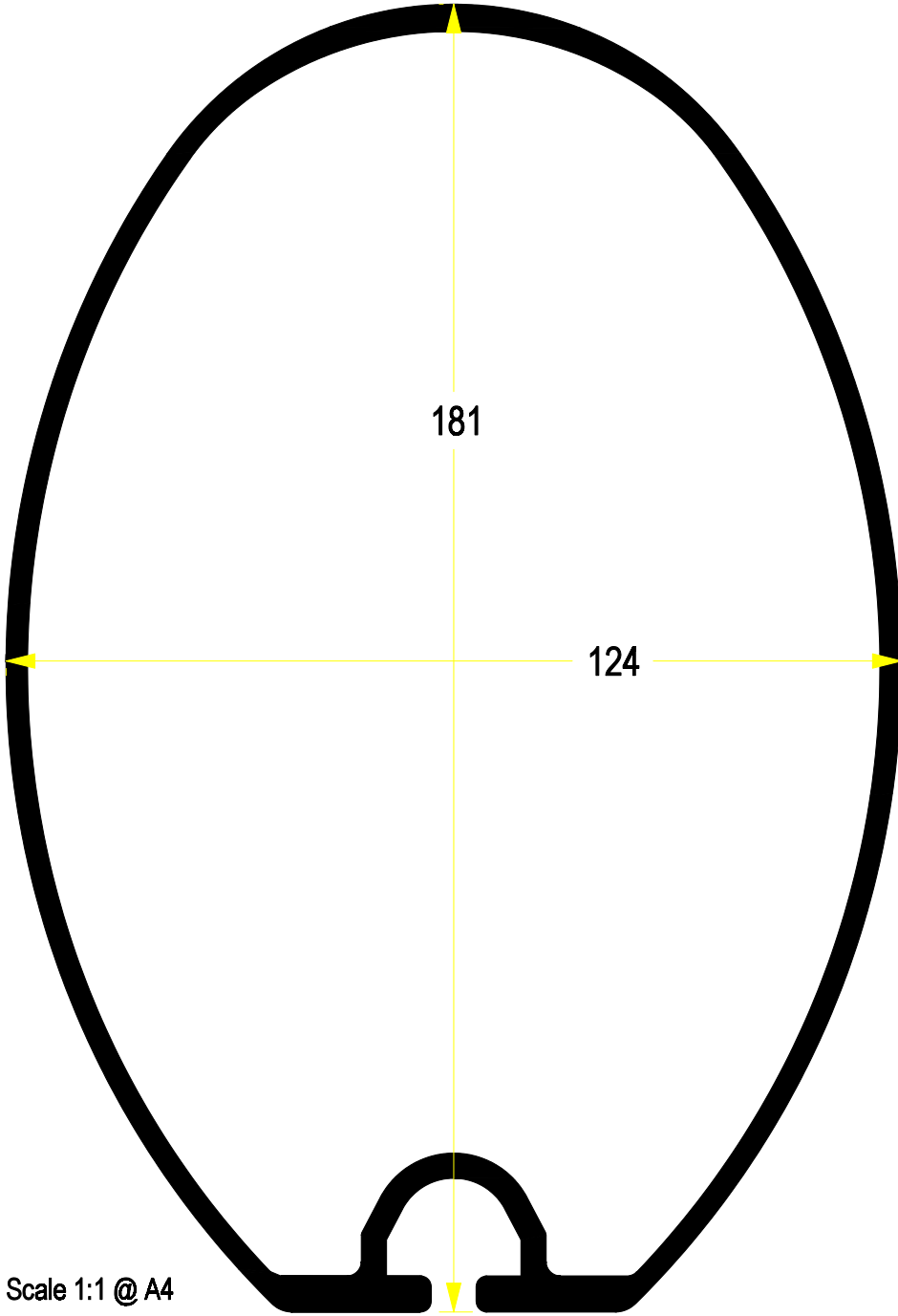


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IM18L

4.6 kg/m

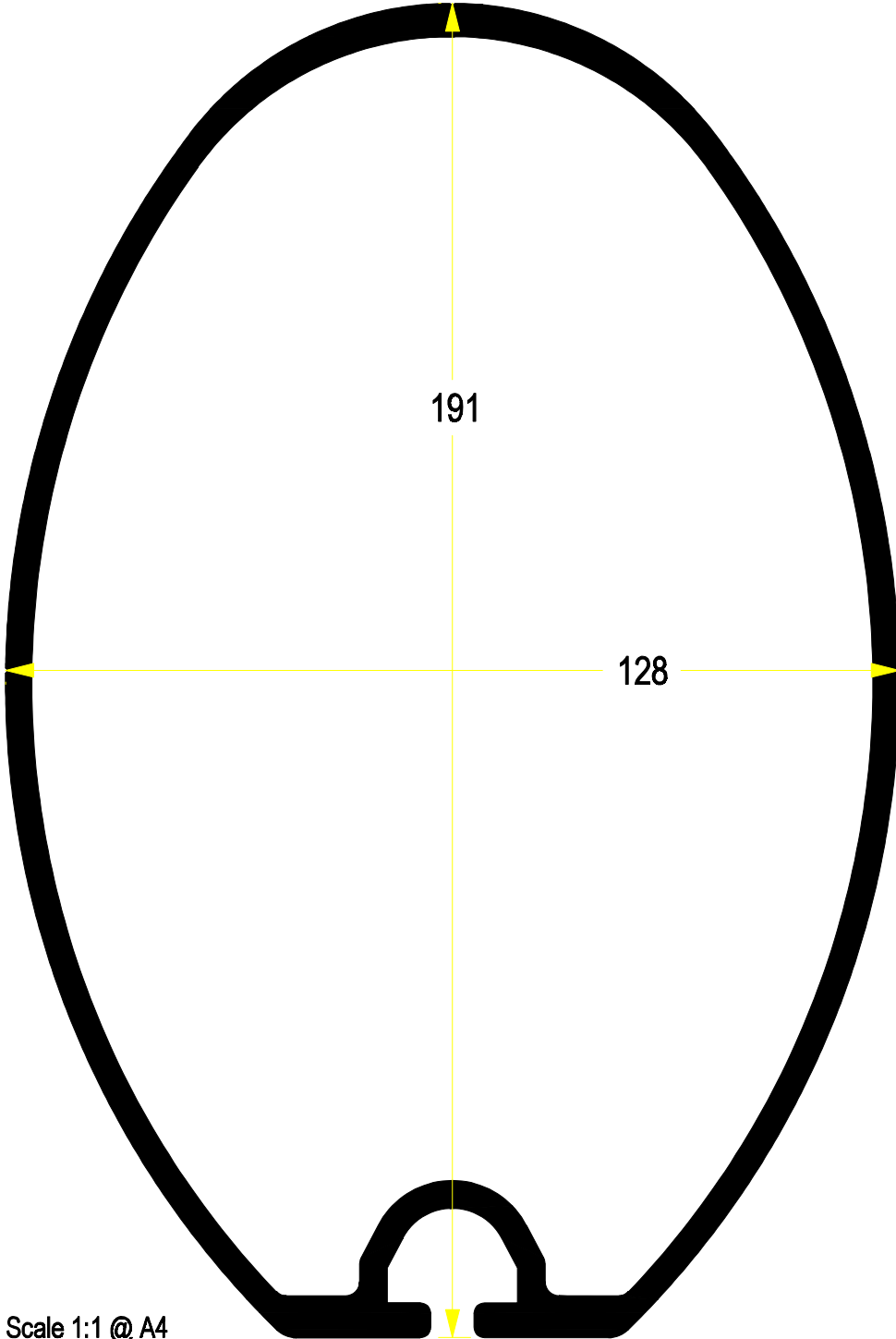


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IM19

5.9 kg/m

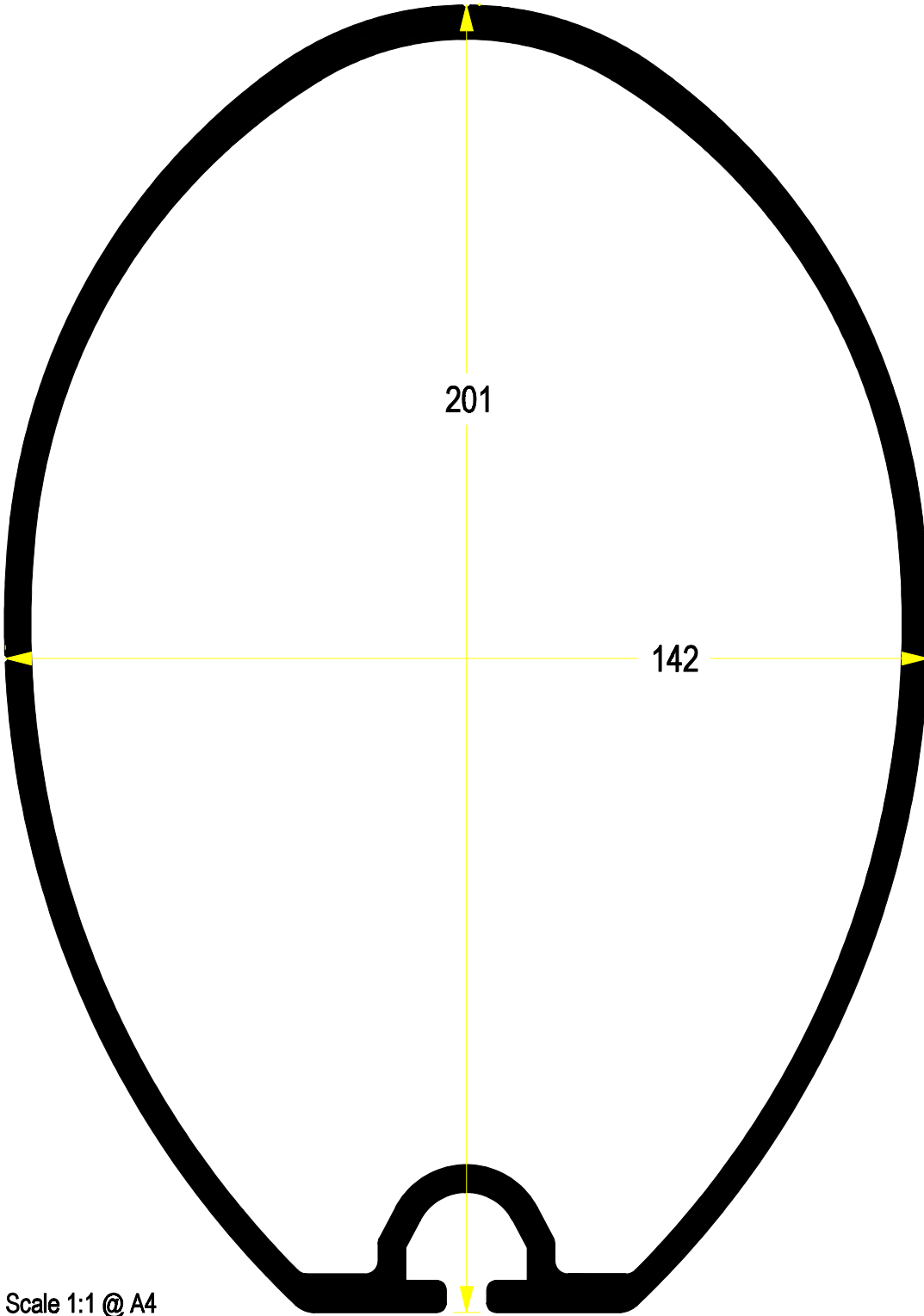


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IM20W

6.9 kg/m

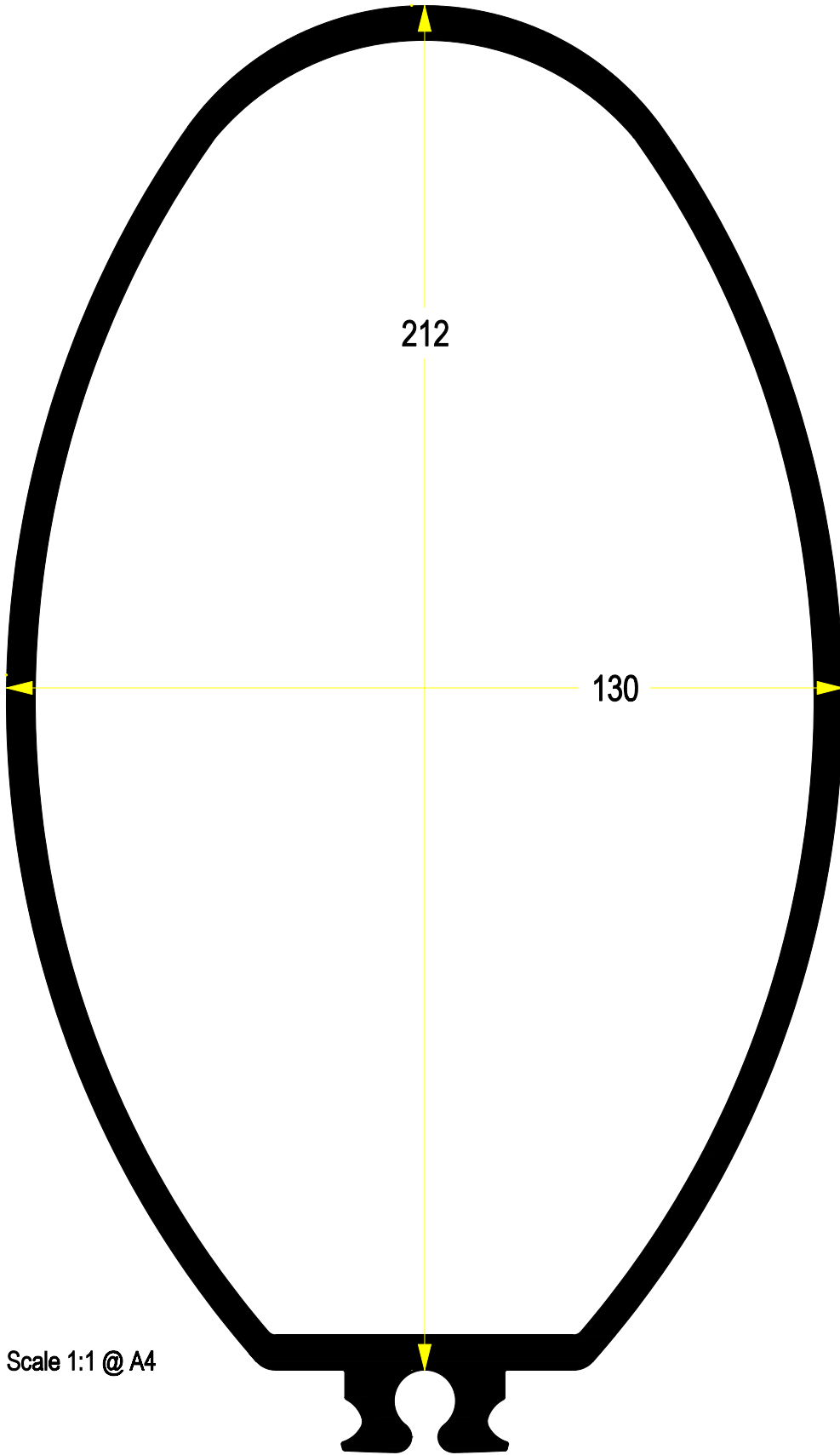


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IM21R

7.4 kg/m

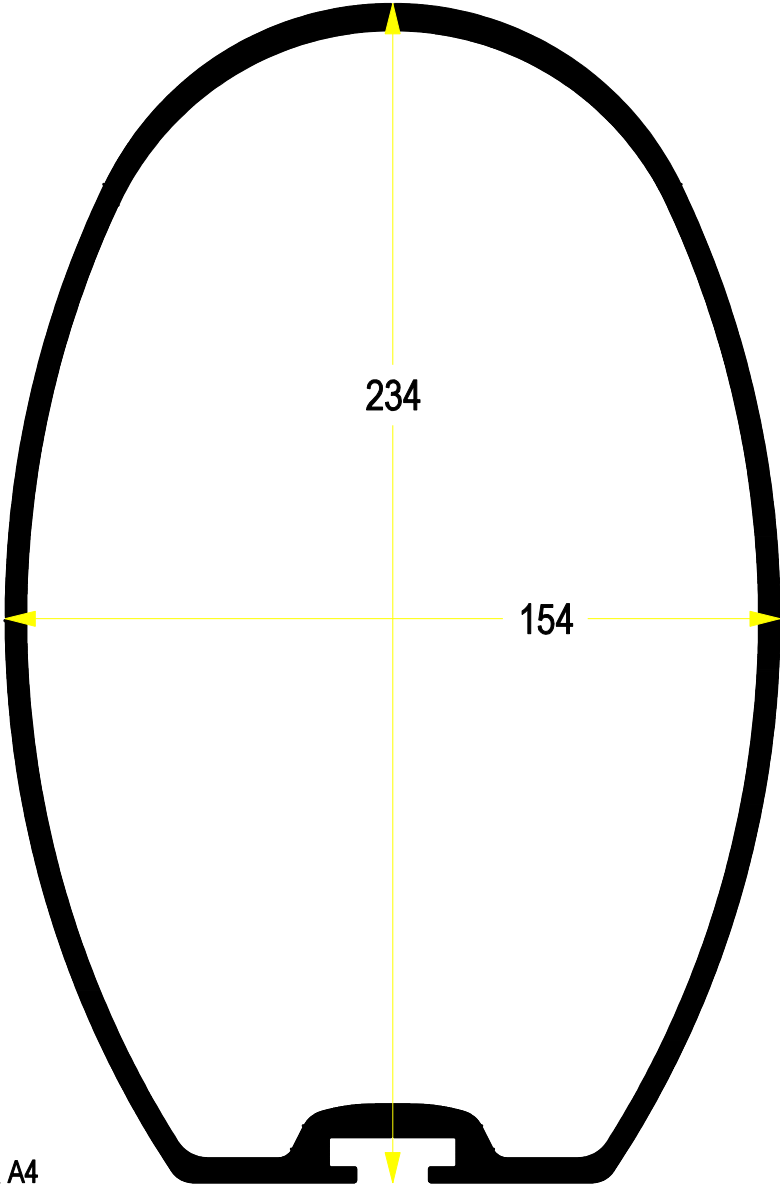


Scale 1:1 @ A4

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AYS235

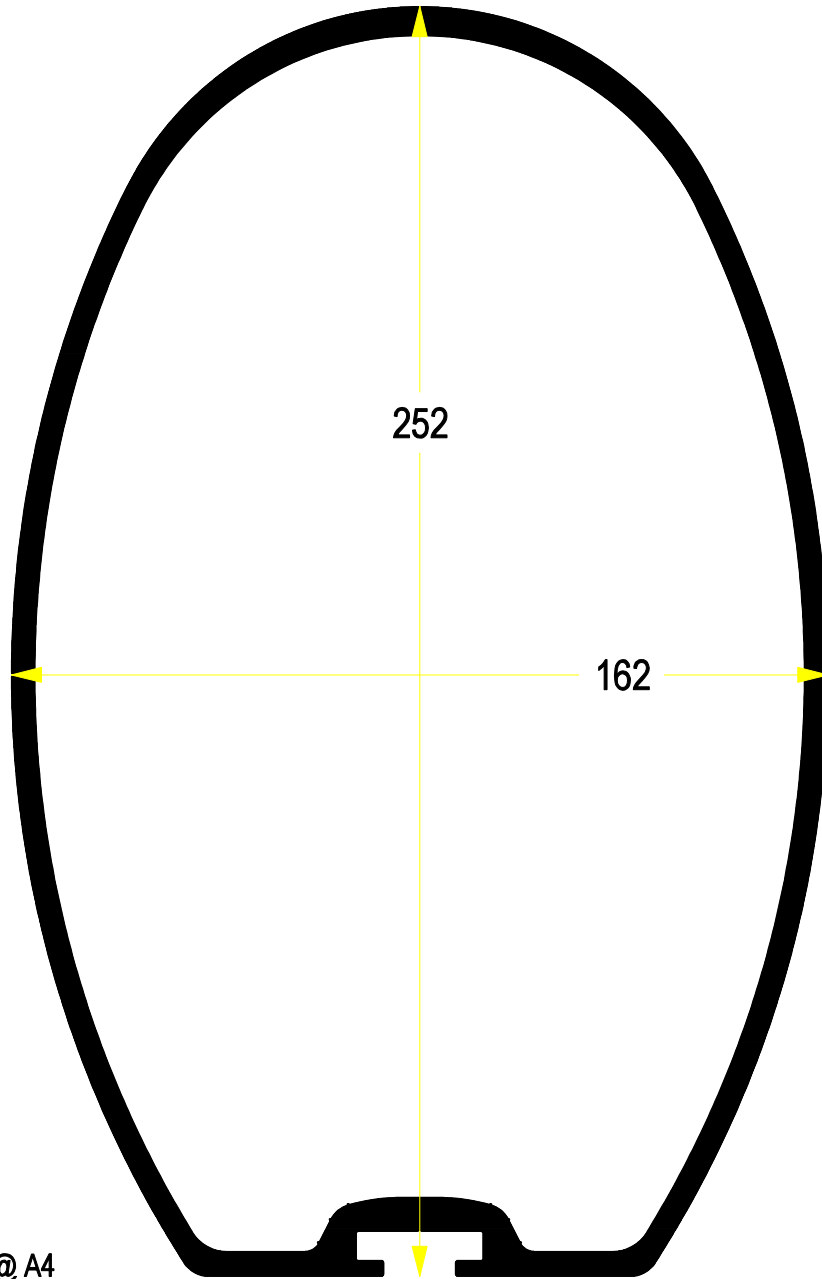
8.21 kg/m



Scale 1:1.5 @ A4

AYS250

9.36 kg/m

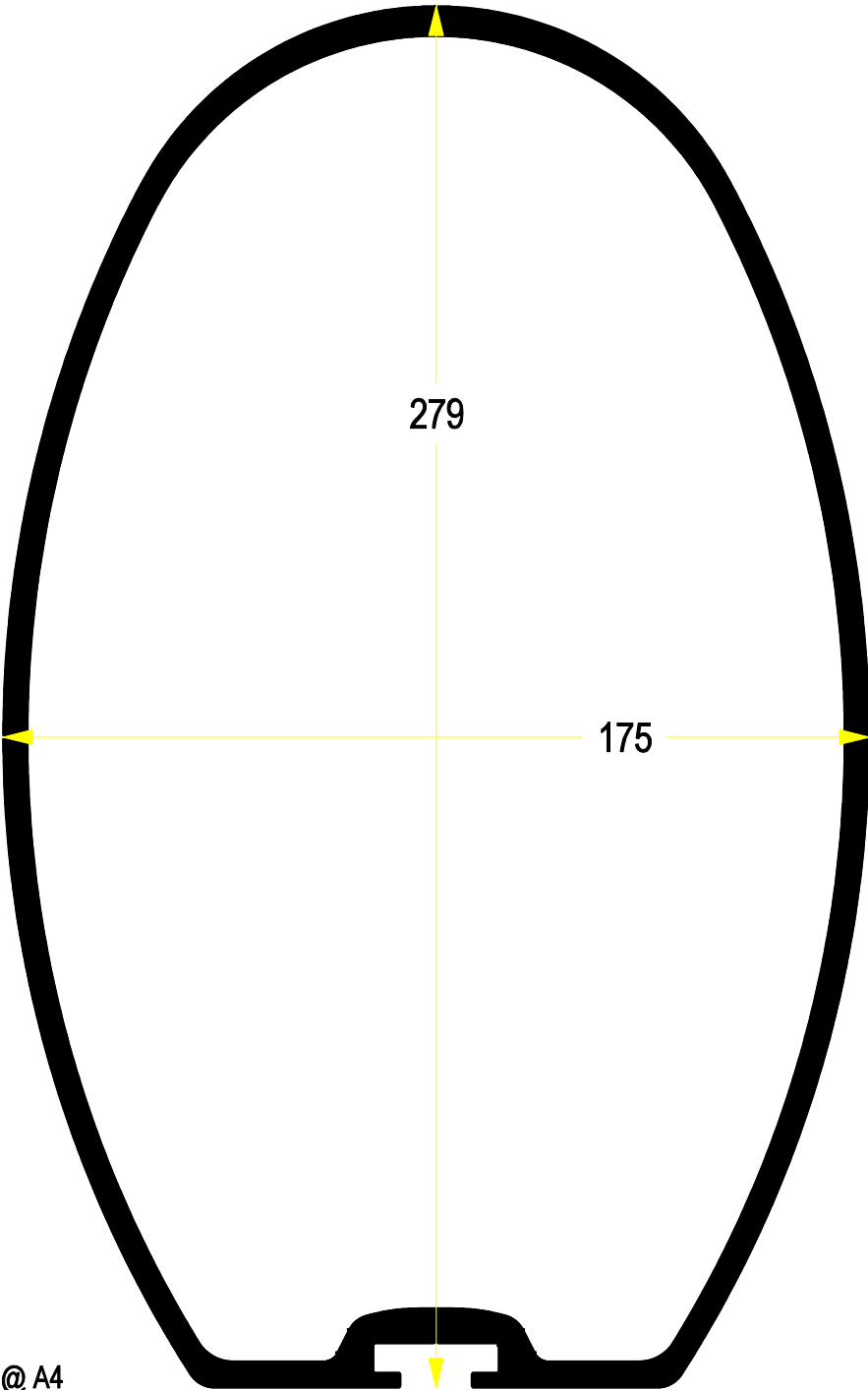


Scale 1:1.5 @ A4

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AYS280

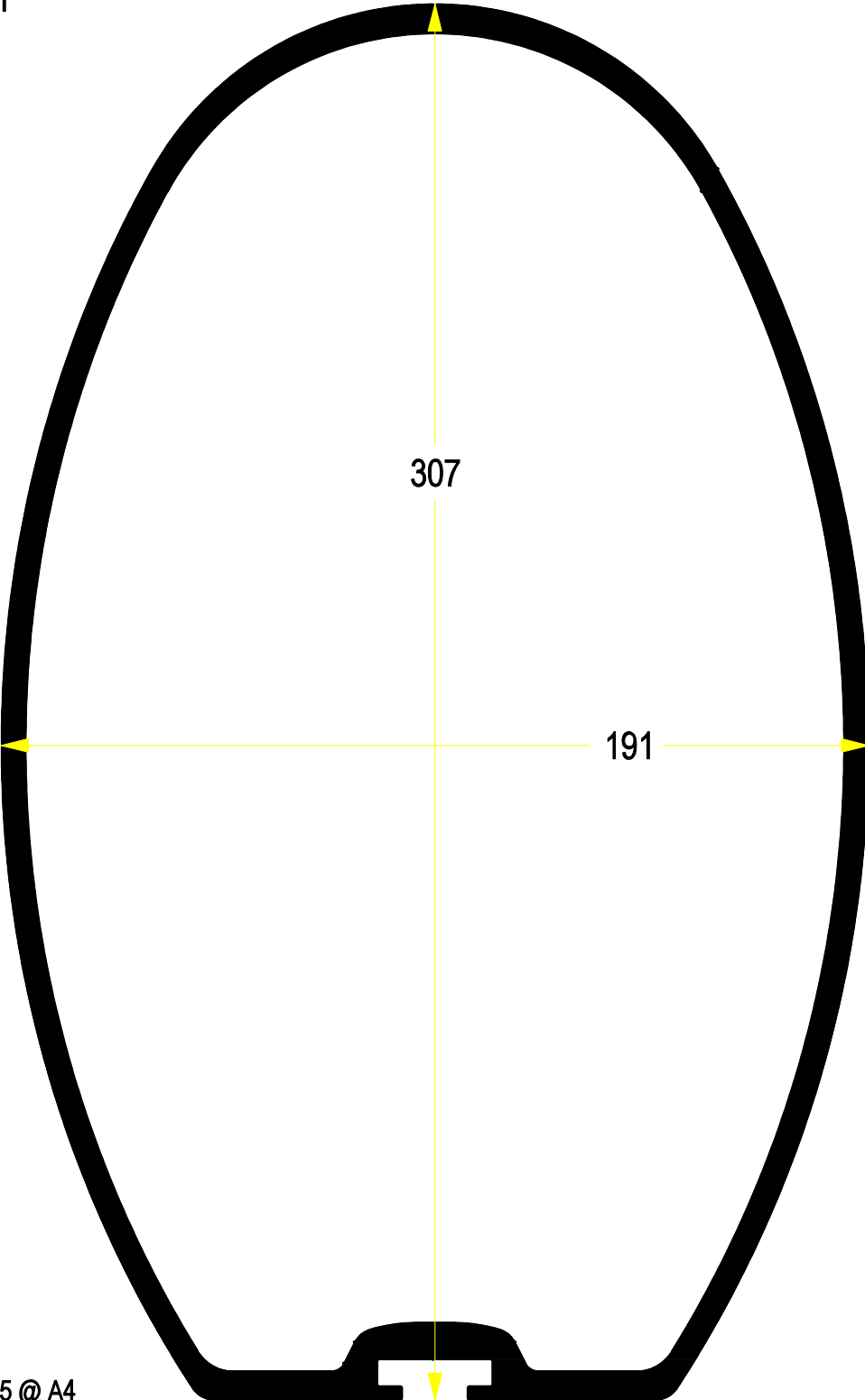
11.0 kg/m



Scale 1:1.5 @ A4

AYS310

13.0 kg/m

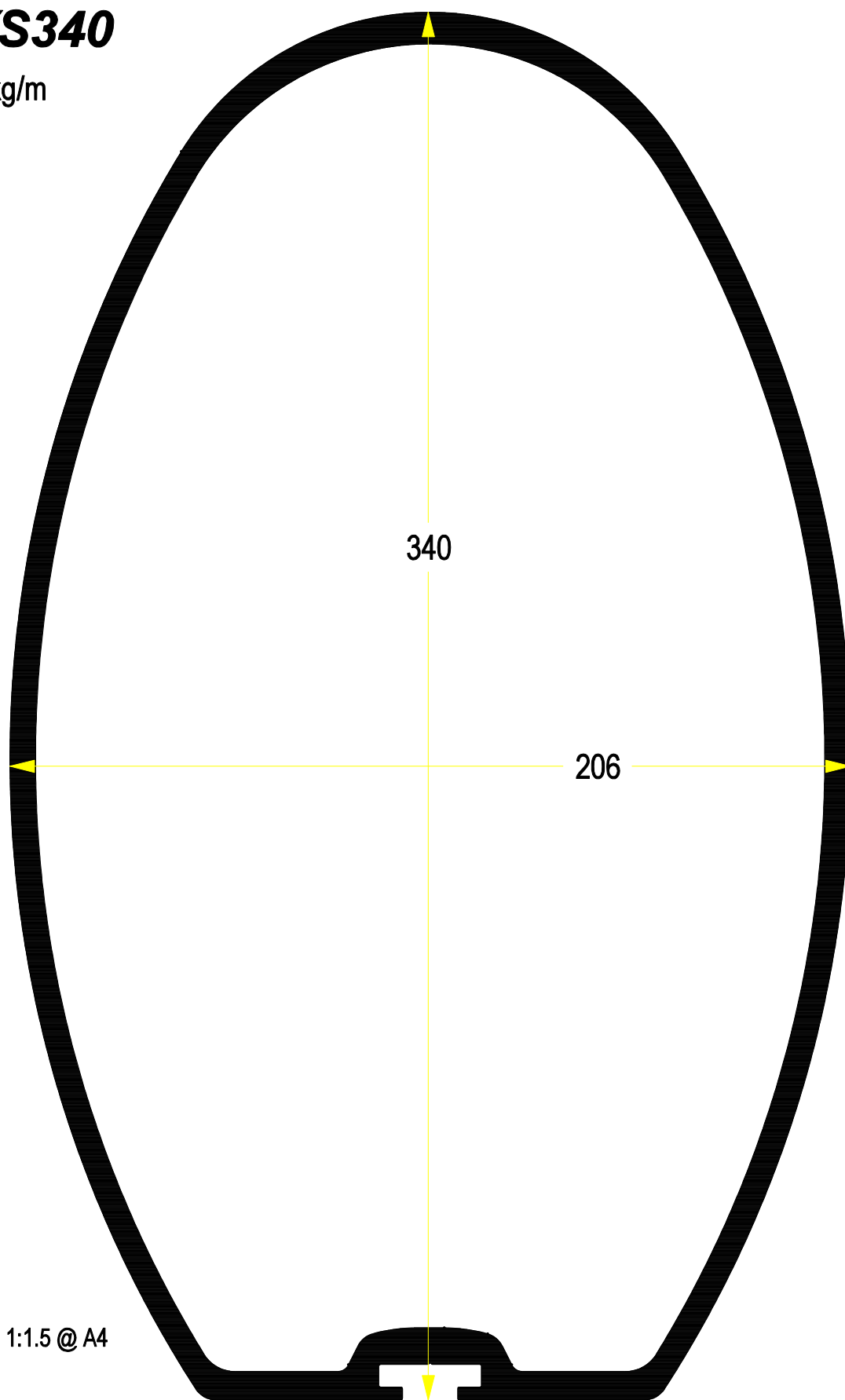


Scale 1:1.5 @ A4

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AYS340

16.0 kg/m

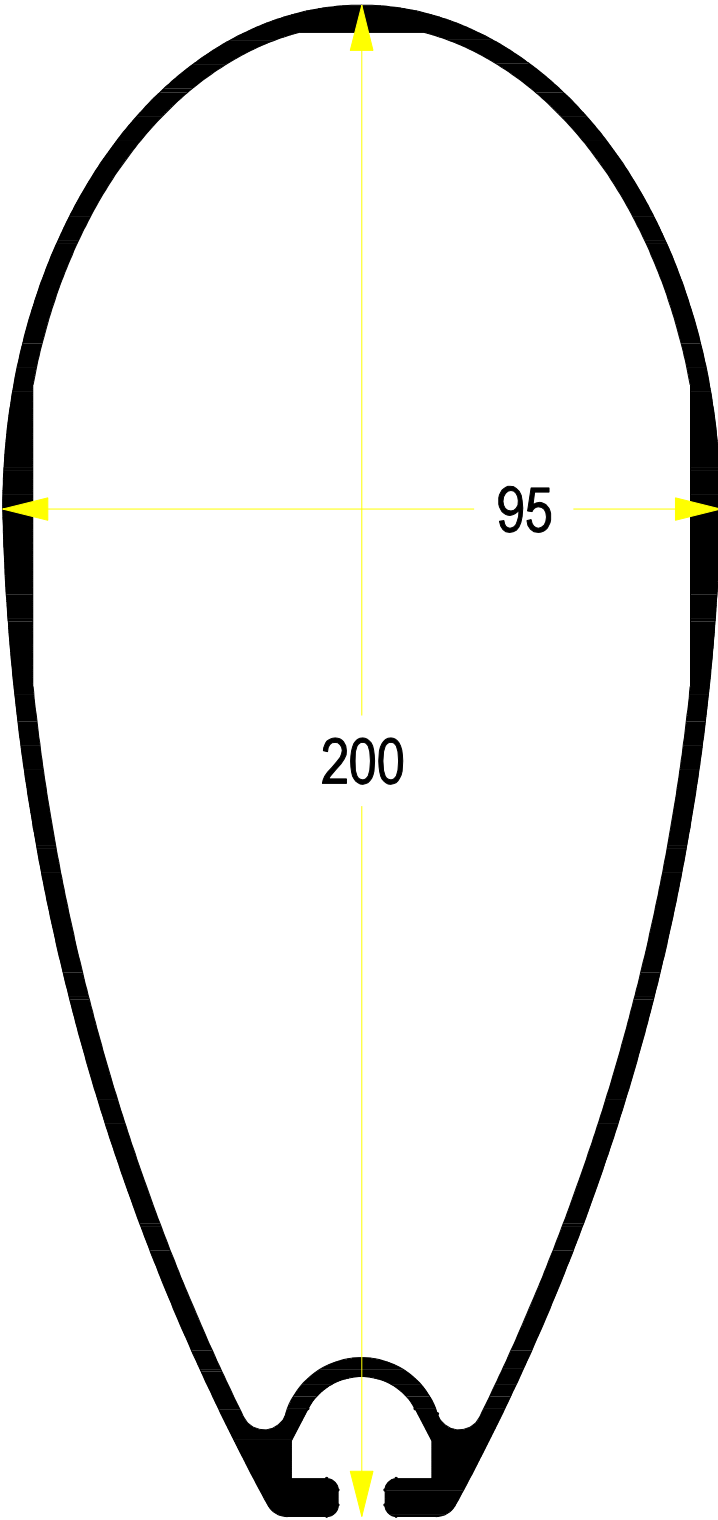


Scale 1:1.5 @ A4

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AYS200 WING

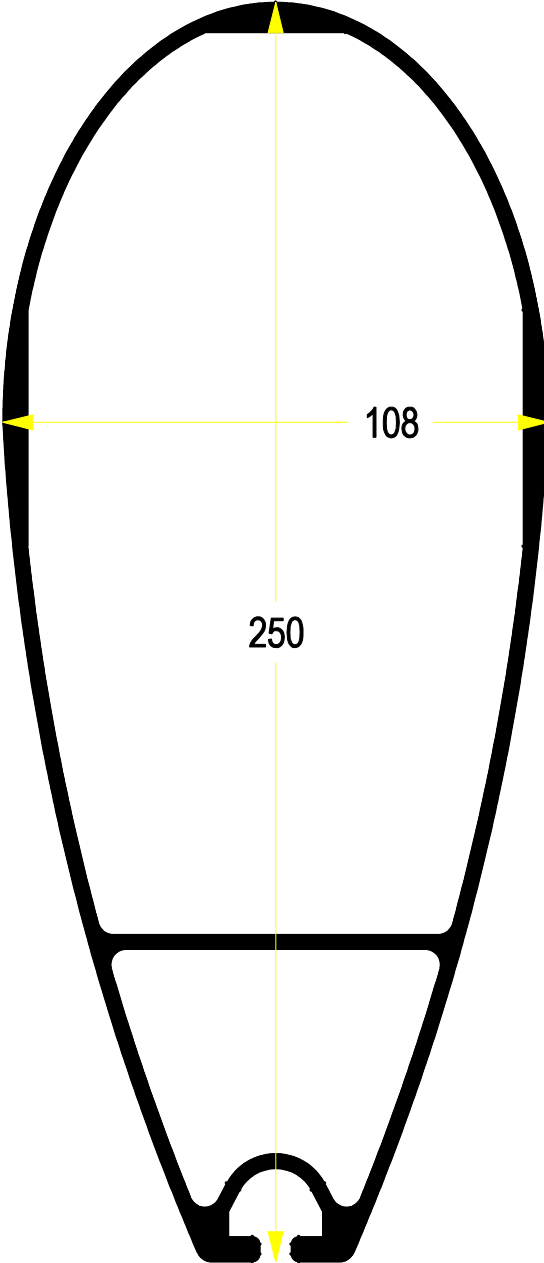
3.75 kg/m



Scale 1:1 @ A4

AYS250 WING

6.20 kg/m



Scale 1:1.5 @ A4