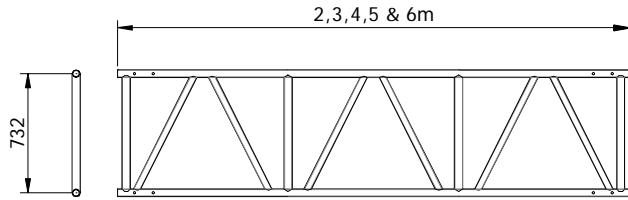


## Technical Data

## 1.0 PRODUCT



Length (m)	Part Number	Weight(kg)
2	20990003	11.0
3	20003000	16.7
4	20004000	22.0
5	20005000	27.4
6	20006000	32.7

## 2.0 GEOMETRY

Overall depth: 780.3mm  
 Overall width: 48.3mm

## 3.0 MEMBERS

	<u>Element</u>	<u>Cross section</u>	<u>Material</u>
Chords:	Upper	CHS 48.3x4.47mm	6082 T6
	Lower	CHS 48.3x4.47mm	6082 T6
Diagonals:	All	CHS 38.1x2.60mm	6082 T6
Struts:	All	CHS 48.3x2.60mm	6082 T6

## 4.0 PROPERTIES

## 4.1 MATERIALS

Designation:	Alloy 6082 T6
E:	70000 N/mm <sup>2</sup>
W:	2710 Kg/m <sup>3</sup>
G:	26600 N/mm <sup>2</sup>
COE:	23x10 <sup>-6</sup> per °C

## 4.2 BEAM

Weight:	6.5 Kg/m
Area:	12.32 cm <sup>2</sup>
I <sub>yy</sub> :	16563.100 cm <sup>4</sup>
I <sub>zz</sub> :	29.860 cm <sup>4</sup>
J:	16592.960 cm <sup>4</sup>

## 5.0 PERFORMANCE

		<u>Lateral restraint interval(m)</u>
Permissible moment:	36.50 KNm	1.0
	21.60 KNm	1.5
	13.50 KNm	2.0
Permissible shear force :	30.70 KN	