

TRI TRUSS 300MM CENTRES (APEX UP)

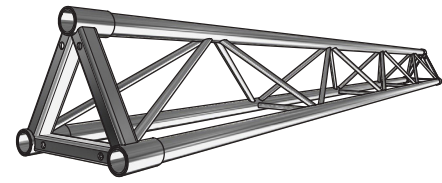
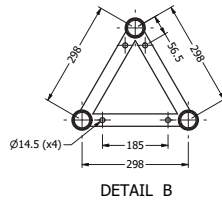
PART No. TR23

PARTS LIST

Chords	50 x 3mm CHS
End Sleeves	57.2 x 75 x 3.6 CHS
Webs	19 x 3mm CHS
End Joining Braces	32 x 32 x 6mm SHS

Note:

- All tubes from Aluminium Alloy 6061 T6
- Weld Material 5356



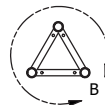
PERSPECTIVE VIEW (APEX UP)

JOINING KIT

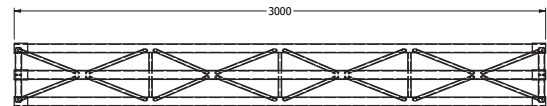
- 3 x Alloy Truss Pin 230 x 43 x 3mm CHS
- 4 x High Tensile Machine Bolt 4" x 1/2" UNC Plated Grade 8.8
- 8 x Washers High Tensile 26 x 13.8 x 3mm Grade F436
- 4 x Zinc Plated 1/2" UNC Wingnut

Note:

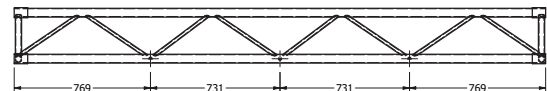
- Pin from Aluminium Alloy 6061 T6
- Thread should be kept lubricated
- Spring Washer or Nylor Nut should be used if truss is subject to vibration



END VIEW



TOP VIEW



FRONT VIEW

ALLOWABLE LOADING

SPAN m	UDL kg/m	DEFLECTION mm	MAXIMUM ALLOWABLE POINT LOADS				SPAN total weight
			CPL kgs	DEFLECTION mm	TPL kgs	QPL kgs	
3 (no join)	836	7	1295	5	971	648	16
3 (with join)	836	7	1295	5	971	648	17.5
4	483	12	966	10	743	483	23
5	307	19	767	15	575	384	28
6	211	28	634	22	475	317	33.5
7	154	38	538	31	403	269	40
8	116	49	465	40	348	232	45.5
9	90	62	407	50	305	204	51
10	72	77	361	63	270	180	57.5
11	59	93	322	76	200	161	63
12	48	110	289	91	171	145	68

LOAD TABLE GUIDELINES

- *Loading figures are only valid for static loads.
- *Loading figures are only valid for single spans with supports at both ends.
- *All static systems, other than single spans, need an individual structural calculation. Please contact a structural engineer or call CLSA for further assistance.
- *Loading figures are calculated according to and in full compliance with Australian Standards.
- *The self-weight of the trusses is already taken into account
- *Loading figures are only valid for the cross sectional orientation of the truss as shown by the icon in the loading table.
- *The interaction between bending moment and shear force at the connection point is already taken into account.
- *Truss spans can be assembled from different truss lengths.
- *CLSA recommends a 15% deduction on allowable loadings for repetitive use truss.