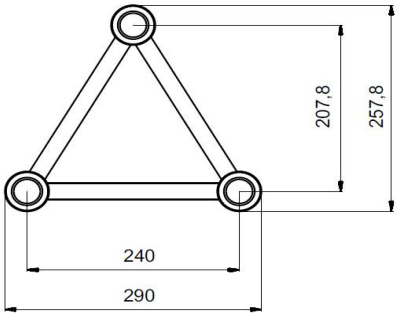
TRILOCK E-GL33
3-Way Cross Beam



Size in millimeters

System components (straights):		
Designation	No.	Weight (kg)
TRILOCK E-GL33- 210	60302176	2,3
TRILOCK E-GL33- 290	60302178	2,5
TRILOCK E-GL33- 500	60302180	2,6
TRILOCK E-GL33- 1000	60302182	4,4
TRILOCK E-GL33- 1500	60302184	5,6
TRILOCK E-GL33- 2000	60302186	6,4
TRILOCK E-GL33- 2500	60302188	7,9
TRILOCK E-GL33- 3000	60302190	9,5
TRILOCK E-GL33- 3500	60302192	11,1
TRILOCK E-GL33- 4000	60302194	12,6
TRILOCK E-GL33- 4500	60302196	14,2
TRILOCK E-GL33- 5000	60302198	15,7

Material used:

Alloy	EN-AW 6082 T6 (AlSi1MgMn)
Main chords	50 x 2 mm
Braces	20 x 2 mm
Accessory/truss	3x connecting cone, 6x pivot, 6x pin
Item No.	6030229D

Load table TRILOCK E-GL33:				
Span	Point load	Deflection	UDL	Deflection
(m)	(kg)	(mm)	(kg/m)	(mm)
2	761	2,1	761	2,6
4	412	9,3	206	11,5
6	277	21,7	92	26,8
8	206	39,8	51	48,8
10	154	62,0	31	75,2
12	117	88,3	20	105,6

Maximum system length: 12 meters

The load capacities given in this load table are based on calculations in accordance with EUROCODE 9 and do not include the net weight of the product. This load table is valid only for linear segments of the cross beam system ALUTRUSS TRILOCK E-GL33 3-Way Cross Beam.
This product has been designed for static loads only. No dynamic loads. If dynamic loads are to be attached to the system, the user has to provide appropiate proof.
Loads are to be attached only to the intersections of the braces and main chords. That applies to loads distributed over the carrier length too.
The cross beams and connectors must be checked for damages and deformations before each use.
For BS and ANSI compliance multiply the given capacities with 0.85.
This product is subject to production control by TÜV Nord.

CE

Stand:
16.01.2018