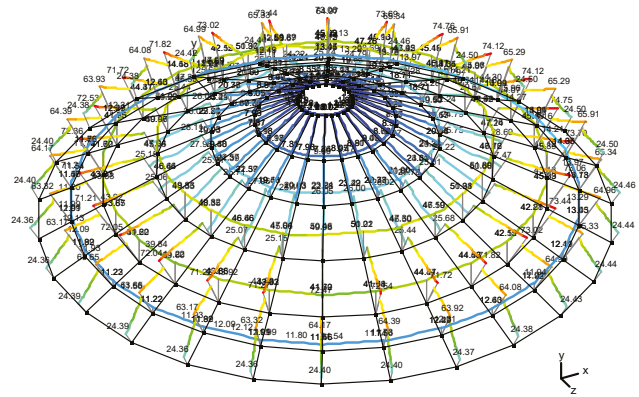


STRUCTURE

ROOF



FILE 3.4
VERSION 1
24/10/2019



TECHNICAL SPECIFICATIONS

It's a structure composed of roof rafters (A), cross rafter (B), "U" purlin, circular rafter (D), and brace rods (E) connected between them from the roof collar to the eave to support the roof loads.

Use for the following diameters: 10.7, 11.45, 12.23, 12.98, 13.75, 14.51, 15.28, 16.04, 16.8, 17.57, 18.34, 19.86, 20.63, 21.39, 22.15, 22.92, 23.68, 24.44, 25.98, 27.5 y 32.08.

PARTS AND MATERIALS

- 1 ROOF RAFTER**
 - SIGMA beam of cold rolled steel
 - It's height can be 250mm or 2x250mm (500mm)
 - Thickness 2, 2.5, 3 ó 3.5 mm
 - To high snow loads are installed double beams
 - MATERIAL: Galvanised steel S280/ 350GD Z600 MAC
- 2 CROSS RAFTER**
 - SIGMA beam (height= 250 mm) of cold rolled steel
 - Thickness 2 or 3 mm
 - MATERIAL: Galvanised steel S350GD Z600 MAC
- 3 "U" PURLIN**
 - "C" profile 60x30 of cold rolled steel
 - Thickness 2 or 3 mm
 - MATERIAL: Galvanised steel S280GD Z600 MAC
- 4 CIRCULAR RAFTER**
 - "Z" profile. Thickness 3 mm
 - Only installed from diameter 17.57 ahead
 - MATERIAL: Galvanised steel S280GD Z600
- 5 BRACE ROD**
 - Threaded rod between roof rafters to stiffen the structure
 - MATERIAL: threaded rod 8,8 Ø16 mm galvanised
- 6 TENSION PLATE**
 - Folded plate located on the eave
 - MATERIAL: Galvanised steel S280GD Z600 MAC