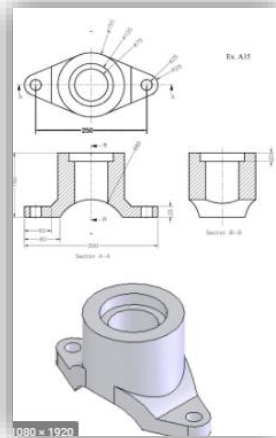


Guía de estudio N° 1

1. Lee el siguiente texto.

Technical drawing of a robot head and torso. The head is a semi-circle with a radius of R25. It has two circular eyes with a diameter of 11. The top of the head has two antennae-like structures. The left antenna has a base diameter of 16, a top diameter of 8, and a height of 30. The right antenna has a base diameter of 16, a top diameter of 8, and a height of 30. The head is connected to a rectangular torso. The torso has a width of 50 and a height of 30.8. The torso has two vertical rectangular arms on the sides, each with a width of 12.5 and a height of 30.8. The torso has two horizontal rectangular feet at the bottom, each with a width of 12.5 and a height of 11. The total width of the robot is 64.2. The total height of the robot is 66. The drawing includes various dimension lines and labels such as R25, 11, 16, 8, 30, 2-R0.6, 1.5, 2-φ5, 3.8, 14, 46, 11, 50, 12.5, 2-R3.6, 2-R2.5, 25.5, 64.2, and 66.



comprobado por el diseño asistido por computadora.

- Ingresas a los siguientes links para ver las funciones básicas de AutoCAD y familiarizarte con estas herramientas.
- https://www.youtube.com/watch?v=tn0AooiV_R0 (línea)
- https://www.youtube.com/watch?v=zMBA_d99HC0 (círculo)
- <https://www.youtube.com/watch?v=sATPaS7HCi8> (arco)
- Busca en internet y escribe el nombre de tres softwares que se utilizan para diseño asistido por computadora
- Busca y nombra tres ventajas de la Impresión 3D