

$n_1 = 20 \text{ rpm}$
 $z_1 = 40$
 $z_2 = 30$
 $z_3 = 45$
 $z_4 = 18$
 $z_5 = 60$
 $z_6 = 20$

-
- Technical drawing of a mechanical assembly. The assembly consists of a motor (bottom left) connected to a vertical shaft (middle). The shaft has a diameter of $\varnothing 100$ at the motor connection. At the top of the shaft, there is a horizontal flange with a diameter of $\varnothing 300$. The shaft is supported by a vertical support structure (right side) which has a diameter of $\varnothing 170$ at the top. The support structure also has a diameter of $\varnothing 135$ at the top and $\varnothing 100$ at the bottom. The shaft has a diameter of $\varnothing 100$ at the top and $\varnothing 135$ at the bottom. The support structure has a diameter of $\varnothing 170$ at the bottom.

-
- A horizontal beam of length 6 m is shown. It is supported by a pin support at the left end and a roller support at the right end. An upward point load of 250 Kg is applied at a distance x from the left support. A downward point load of 90 Kg is applied at the right end of the beam.

- 6) En hojas blancas A4, croquiza e indica las características principales de los siguientes mecanismos: polea simple, polea móvil, polipasto, transmisión de movimiento por poleas y ruedas dentadas, engranaje cónico, piñón cremallera, biela-manivela y tornillo sinfin-corona.