

Technical drawing of a circular mechanical part, showing a top view and a side view.

Top View Dimensions:

- Overall diameter: $\phi 37 \pm 0.2$
- Central hole diameter: $\phi 6 \begin{smallmatrix} +0 \\ -0.03 \end{smallmatrix}$
- Chamfer angle: 30°
- Mounting holes: $6 \sim M3 \times p0.5 \times 3.4dp$
- Pitch Circle Diameter (PCD): $\phi 31$
- Text: SHA YANG YE

Side View Dimensions:

- Overall length: 29 ± 0.3
- Mounting flange diameter: 12
- Mounting flange thickness: 6 ± 0.2
- Internal hole diameter: $\phi 12 \begin{smallmatrix} +0 \\ -0.05 \end{smallmatrix}$
- Internal hole length: $L \pm 0.3$
- Overall diameter: $\phi 32 \pm 0.3$
- Feature (1) is indicated on the side view.

The graph shows the relationship between engine torque (T in g-cm) and four performance parameters: Power (Po), Efficiency (EF), Ignition (I), and Net (N). The x-axis ranges from 0 to 360 g-cm with major ticks every 60 units. The y-axis has two scales: the left scale for EF, I, and N ranges from 0 to 5.0, and the right scale for Po ranges from 0 to 12. The curves are as follows:

- Po (Power):** A bell-shaped curve starting at (0,0), peaking at approximately 10.5 at T=180, and returning to 0 at T=360.
- EF (Efficiency):** A bell-shaped curve starting at (0,0), peaking at approximately 4.5 at T=60, and returning to 0 at T=360.
- I (Ignition):** A straight line starting at (0,0) and increasing linearly to approximately 4.0 at T=360.
- N (Net):** A straight line starting at (0,5.0) and decreasing linearly to 0 at T=360.

T (g-cm)	Po (Right Scale)	EF (Left Scale)	I (Left Scale)	N (Left Scale)
0	0	0	0	5.0
60	~3.5	~4.5	~0.7	~4.3
120	~8.5	~3.5	~1.4	~3.6
180	~10.5	~2.5	~2.1	~2.9
240	~8.5	~1.5	~2.8	~2.2
300	~3.5	~0.5	~3.5	~1.5
360	0	0	~4.0	0