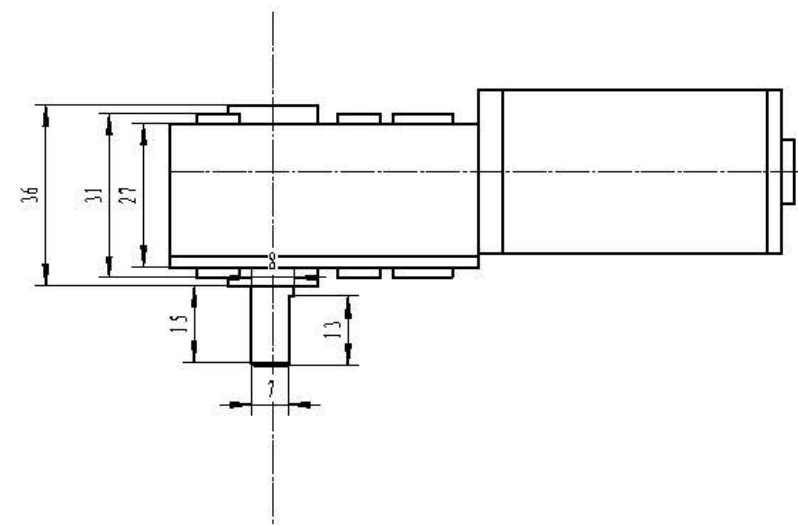




|                     | GEAR BOX        |                      |                      |                     |                      |                    |                    | MOTOR          |                     |
|---------------------|-----------------|----------------------|----------------------|---------------------|----------------------|--------------------|--------------------|----------------|---------------------|
|                     | Reduction ratio | Rated torque (Kg-cm) | Stall torque (Kg-cm) | No-load speed (rpm) | No-load current (mA) | Rated current (mA) | Stall current (mA) | Rated volt (v) | No-load speed (rpm) |
|                     | 1:49            | 3                    | 11                   | 110                 | 80                   | 500                | 1860               | 12             | 5500                |
| <b>ZWL<br/>31ZY</b> | 1:74            | 8                    |                      | 106                 | 180                  | 1060               | 3400               | 12             | 9000                |
|                     | 1:101           | 10                   | 42                   | 79                  | 110                  | 1000               | 3700               | 12             | 8000                |
|                     | 1:218           | 20                   | 47                   | 25                  | 120                  | 850                | 1800               | 12             | 5500                |
|                     | 1:290           | 20                   |                      | 12                  | 50                   | 380                | 750                | 12             | 3500                |
|                     | 1:505           | 20                   |                      | 13                  | 230                  | 1090               | 4000               | 12             | 7000                |
|                     | 1:634           | 40                   |                      | 7.5                 | 80                   | 850                | 2300               | 12             | 5500                |

[illegible]