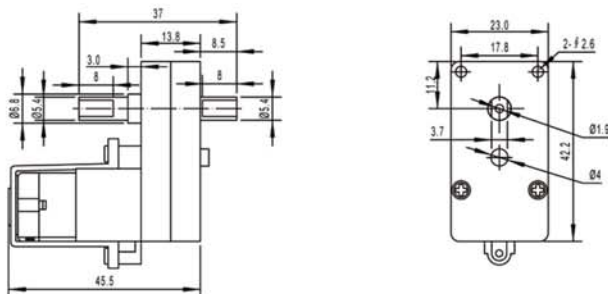


## ETC23-TGP02D-A130 TGP plastic gears gearbox plus A130 permanent magnet DC motor

- Small size dc gear motor with low speed and big torque
- Suitable to small diameter, low noise and big torque application
- Reduction Ratio: 48、120、180、220、288



### Gear Motor Dimensions (mm)



## Motor Technical Data

| Motor model No. | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Rated current | Output power | Stall torque | Stall current |
|-----------------|---------------|---------------|-----------------|-------------|--------------|---------------|--------------|--------------|---------------|
|                 | VDC           | r/min         | mA              | r/min       | g.cm         | mA            | W            | g.cm         | A             |
| TFE-130SA-10300 | 6             | 6500          | 60              |             |              |               |              | 25           | 0.55          |
| TFE-130RA-12215 | 6             | 11500         | 120             |             |              |               |              | 20           | 0.85          |
| TFE-130RA-14175 | 3             | 8000          | 120             |             |              |               |              | 13           | 0.70          |
| TFE-130RA-18100 | 3             | 11500         | 250             |             |              |               |              | 20           | 1.80          |
| TFE-130RA-2270  | 3             | 17000         | 300             |             |              |               |              | 30           | 3.50          |

## Motor Technical Data

| Motor model No.        | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Rated current | Output power | Stall torque | Stall current |
|------------------------|---------------|---------------|-----------------|-------------|--------------|---------------|--------------|--------------|---------------|
|                        | VDC           | r/min         | mA              | r/min       | g.cm         | mA            | W            | g.cm         | A             |
| TGP02D-A130S-10300-288 | 6             | 20            | 100             |             |              |               |              | 5000         | 0.55          |
| TGP02D-A130-12215-48   | 6             | 230           | 180             |             |              |               |              | 1000         | 0.85          |
| TGP02D-A130-12215-120  | 6             | 95            | 180             |             |              |               |              | 1800         | 0.85          |
| TGP02D-A130-14175-120  | 3             | 55            | 170             |             |              |               |              | 1500         | 0.70          |
| TGP02D-A130-14175-220  | 3             | 35            | 200             |             |              |               |              | 2000         | 0.70          |
| TGP02D-A130-18100-220  | 3             | 50            | 350             |             |              |               |              | 3000         | 1.80          |