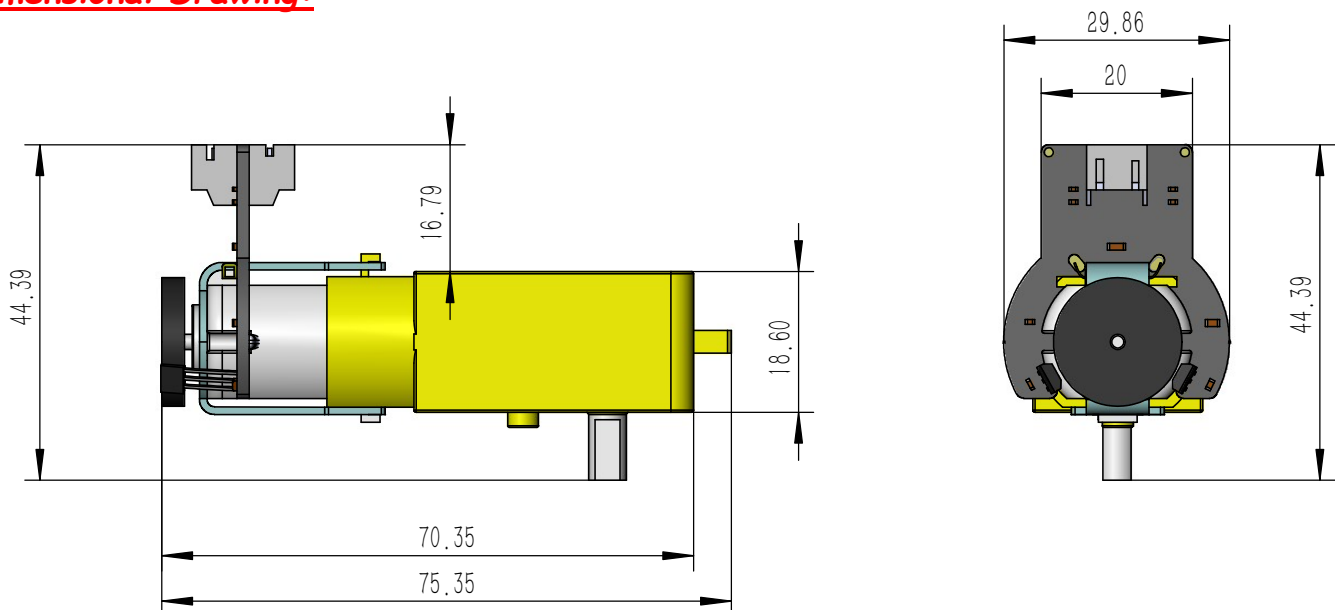# Smart Car Metal Gear Motor
Mode: TT130

Description:

This is the DFRobot TT Micro DC geared motor with encoder. It is a motor with a 120:1 gearbox and an integrated quadrature encoder that provides a resolution of 16 pulse single per round giving a maximum output of 1920 within one round. With an Arduino controller and motor driver, applications for this include a closed-loop PID control or PWM motor speed control. This motor is an ideal option for mobile robot projects. The copper output shaft, embedded thread and reinforced connector greatly extends the motor's service life.

Specifications:

- Working voltage: 3-12V
- Speed: 96rpm @ 6V (No load)
- Deceleration ratio: 1:120
- Output torque: 15Kg
- Diameter of the output shaft: 4.0mm

Dimensional Drawing:

Made in China