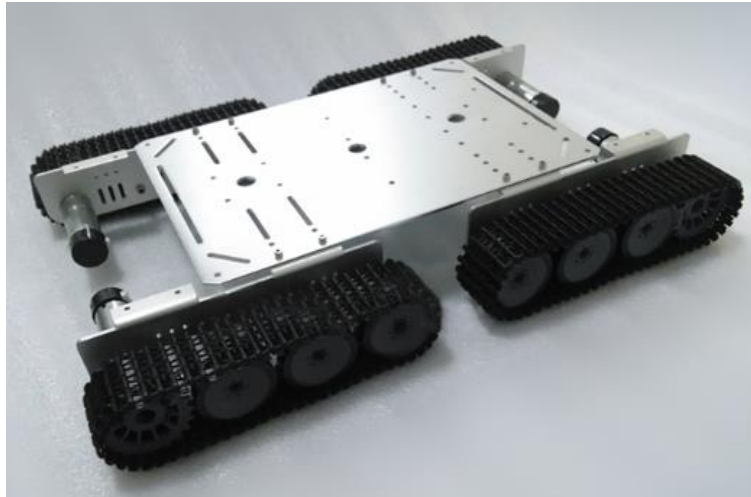


Smart Tank Car Chassis

Model:T500P

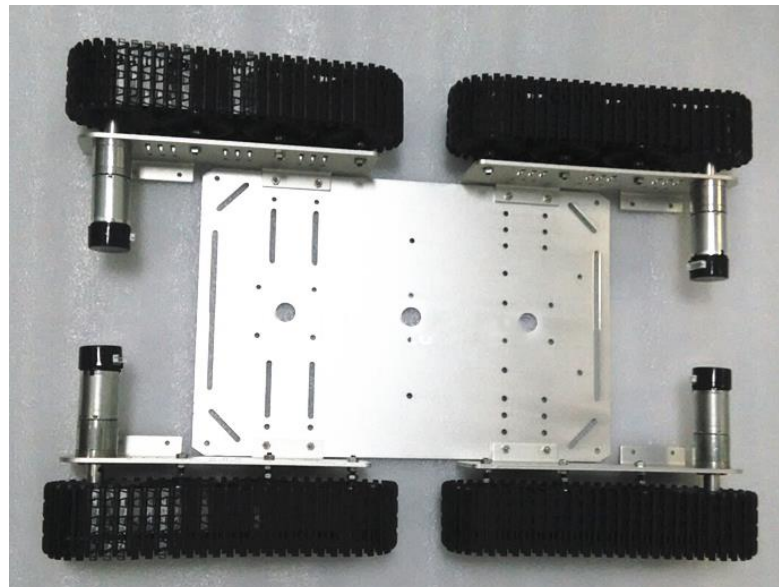


Description:

- Name: T500P Silver version metal tank chassis
- Car Body: metal (Aluminum alloy)
- Wheel: plastic
- Track: plastic
- Product Size: 600*400 *80mm (LxWxH)
- Working Load: 3Kg
- Color: Silver
- Weight: 2.1kg

Motor Parameters:

- Name: 25mm gear motor
- Output Speed: $150 \pm 10\%$ rpm
- No Load Current: 200mA (Max)
- Stall Current: 4500mA(max)
- Stall Torque: 9.5kgNaN
- Rated Speed: $100 \pm 10\%$ rpm
- Rated Torque: 3KG.CM
- Rated Current: 1200mA (Max)
- Noise :56dB
- Working Voltage: 9V
- Outside Shaft Length: 14.5mm
- Shaft End Play: 0.05-0.50mm
- Screw Size: M3.0
- Dia. Of Shaft ϕ 4mm, D3.5
- Encoder: 2pulses/circle



Package List:

- Chassis: 1 pcs
- Side Plate: 4 pcs
- Driving Wheels: 4 pcs
- Bearing Wheels: 12 pcs
- Track: 4 pcs (can be changed the length)
- DC Motor: 4 pcs
- Tools, screws and nuts 1 set

1. (Standard Operating Conditions)

NO.	(Item)	(Specification)	(Test Method)
1.1	(Rated Voltage)	DC 9.0V	(Multimeter)
1.2	(Gear Ratio)	1/75	
1.3	(Rotation)	CW	(Handle)
1.4	(Motor Position)	(All position in horizontal)	(Handle)
1.5	Temperature	0 Degree - 30 Degree Celsius	(Thermometer)
1.6	Humidity	30% ~ 95%	(Hygroscope)

2. (Performance Of Motors)

NO.	(Item)	(Specification)	(Test Method)
2.1	(No-load Speed)	11500±10%rpm	(Flash Speed Indicator)
2.2	(No-load Current)	180mA(Max)	(DC Power Supply)
2.3	(Stall Current)	4500mA(Max)	(DC Power Supply)
2.4	(Stall Torque)	160g.cm	(Torque Measure)

3. (Performance of Gear motors)

NO.	(Item)	(Specification)	(Test Method)
3.1	(Output Speed)	150±10%rpm	(Flash Speed Indicator)
3.2	(No-load Current)	200mA(Max)	(DC Power Supply)
3.3	(Stall Current)	4500mA(Max)	(DC Power Supply)
3.4	(Stall Torque)	9.5kg.cm	(Torque Measure)
3.5	(Rated Torque)	3000g.cm	(Torque Measure)
3.6	(Rated Current)	1200mA(Max)	(DC Power Supply)
3.7	(Rated Speed)	100±10%rpm	(Flash Speed Indicator)
3.8	30CM(Noise)56dB		Digital Sound Lev d Meter)

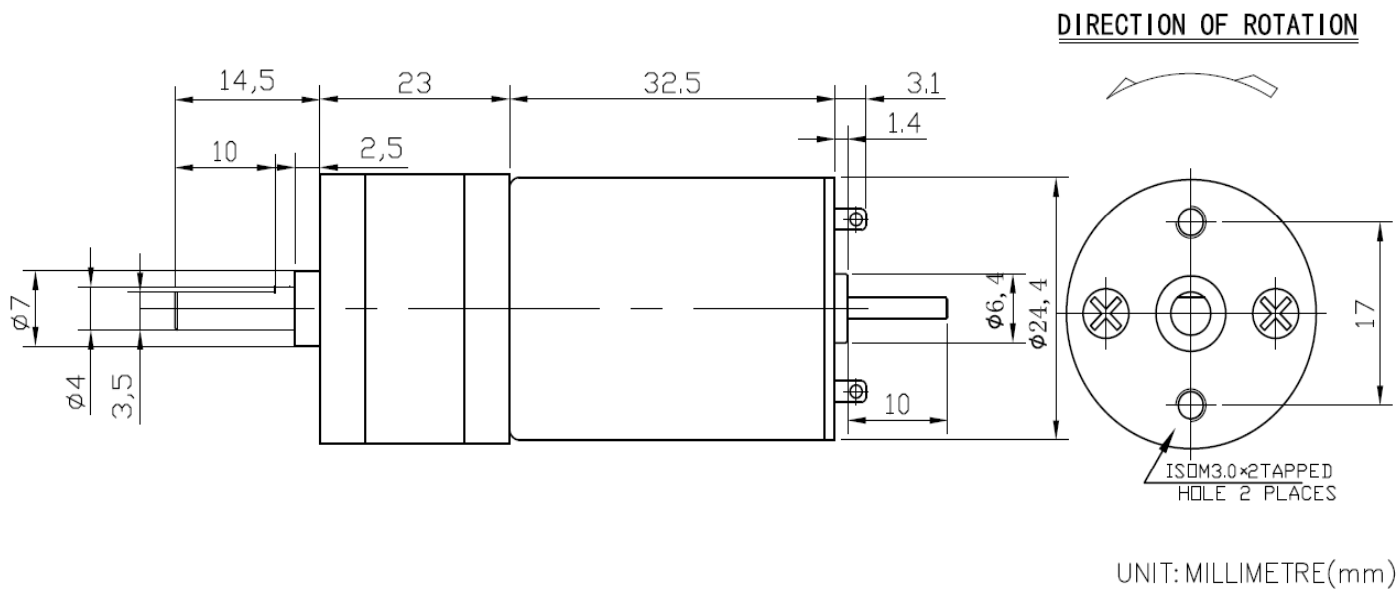
4. (The Dimension)

NO.	(Item)	(Specification)	(Test Method)
4.1	(The Outside Shaft Length)	14.5mm	(Vernier Calipers)
4.2	(Shaft End Play)	0.05-0.50mm	(Frock)
4.3	(Screw Size)	M3.0	(Frock)
4.4	(Dia.of shaft)	Φ4mm D3.5	(Vernier Calipers)
4.5	(Outline Mounting Dimension)	Refer to the Outline Drawing	Calipe

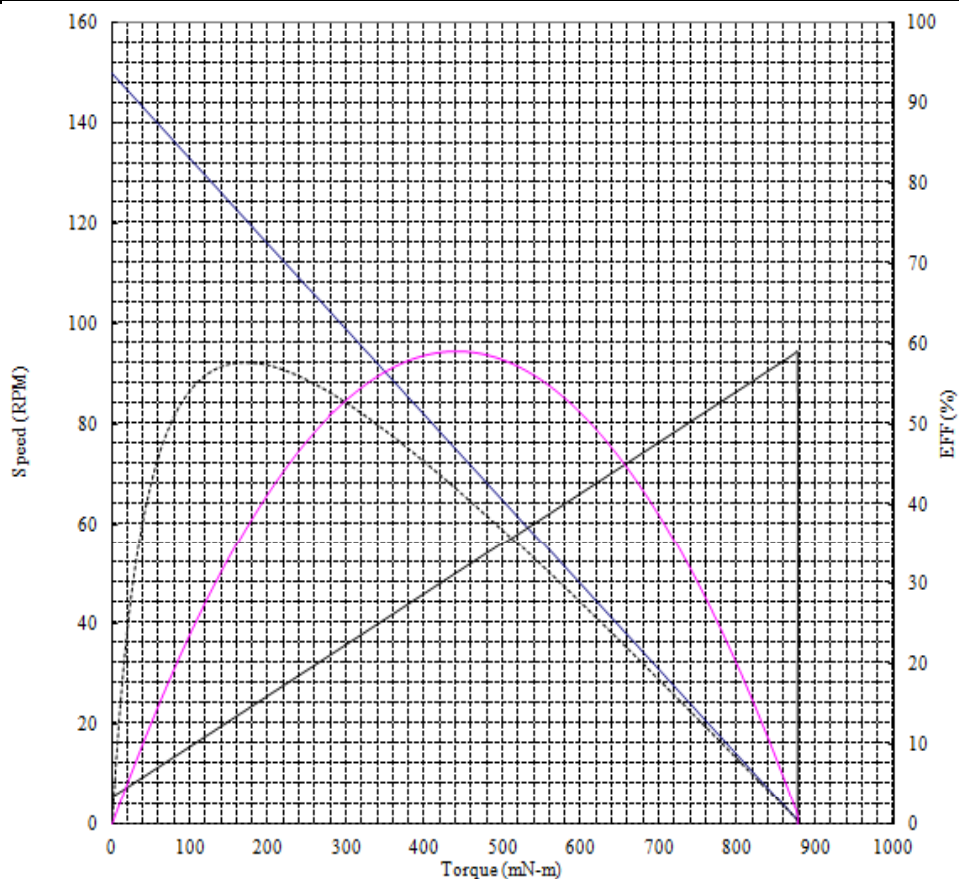
5. (The product photos)



6. (Product drawings)

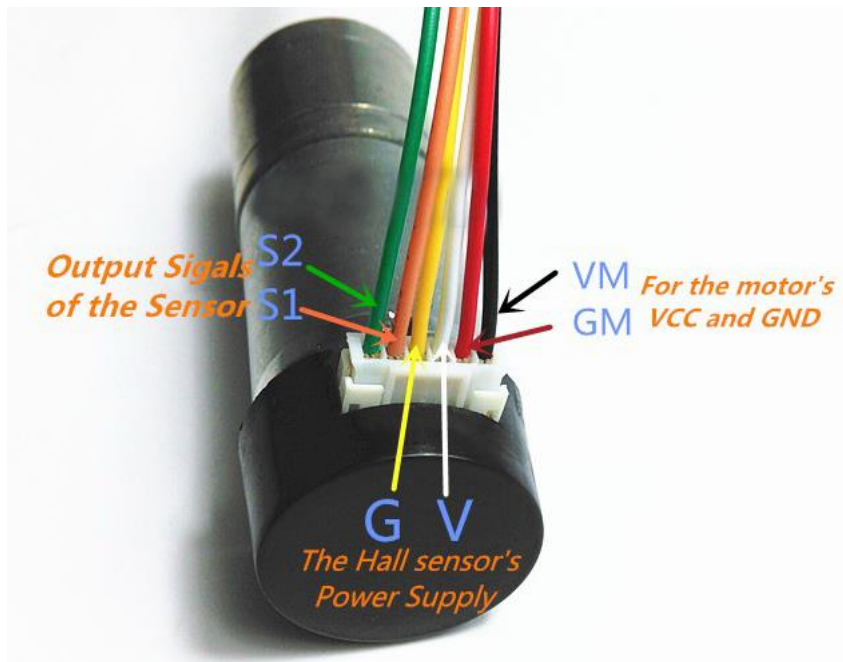


7. (Curve drawings)



Electronics Katrangi Trading

Wire Connection:



Made in China