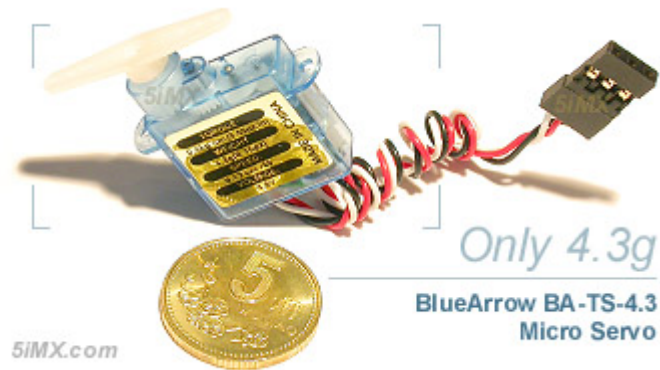


BlueArrow 4.3g MICRO SERVO

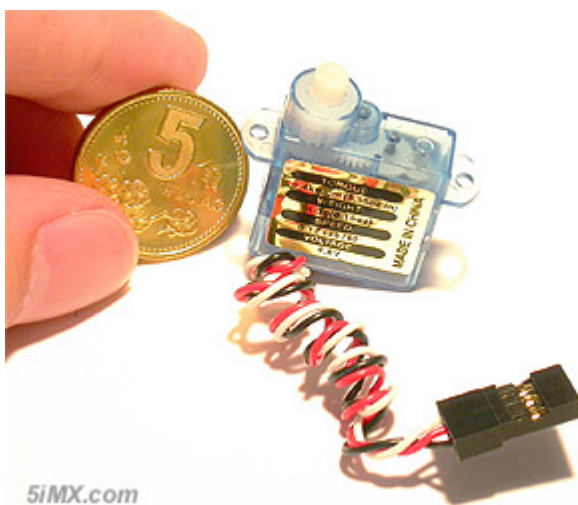


Along with the development of the lighter and smaller electronic models, the requirement to the weight and the physical volume of the electronic equipment becomes stricter. Though the physical volume is smaller and the weight is lighter, the performance and the quality should be taken in great consideration. The nicer of the miniaturized electronic product, the request to the quality of the component elements is higher. As a mixture of the micro electronic product and mechanical apparatus product, Servo not only requires precision electron fraction, but also require the drive fraction of the gears as well has the characteristic of nicety and durable, and you should examine closely if you want to produce high-quality micro servos.



All the attachments of BlueArrow BA-TS-4.3 servo

The weight of this micro-servo is 4.3g, the torque is 0.4 kg/ cm(5.55oz/in), the speed is 0.12sec/60°(No load running), the supply voltage is 4.8 V and the size is 19.6 mm × 19.6 mm × 8 mm. The servo adopt JR specification junction, it can also permit Futaba plug and any standard receiver (JR/ Futaba etc.). If some unnecessary attachments (such as the electric wire and plug) are removed, you can get a servo only at 3.2g. Besides, **BlueArrow** BA- TS-4.3 attached to provide four kinds of helm, a piece of helm fixed screw and two pieces of servo fixed screw for free.

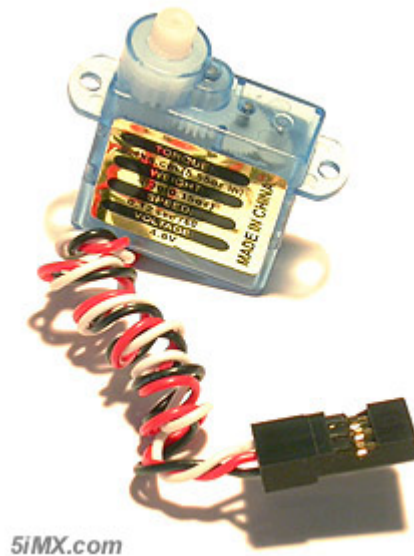


The size is equivalent to a coin



Size: 19.6mm×19.6mm×8mm

BlueArrow BA- TS-4.3 micro-servo 's size is equivalent to a coin; it is super small and light design. It is the ideal choice for the micro electronic aero and helicopter. It's shape size is 19.6 mm × 19.6 mm × 8 mm, before use it, please measure the fix place carefully to make sure this micro-servo is allowed to fix on the model.



The connector wire is long enough

The connector wire length of **BlueArrow** BA- TS-4.3 is about 135 mm; it's a little longer than the micro-servo of GWS and as well is more reasonable. Because we believe that GWS micro-servo's wire is too short to fix.



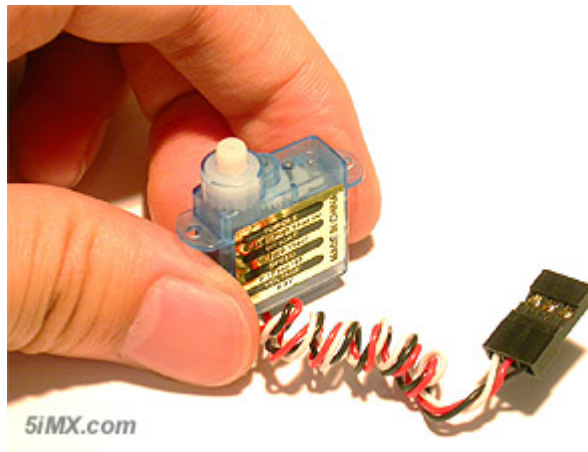
Light blue polished plastic shell

BlueArrow BA- TS-4.3' s shell adopts plastics material and takes a look of light blue. The surface is polished and has the translucent result; it makes the inner gear structure and the control circuitry faintly discernable. BA- TS-4.3 enjoys fine workmanship and accurate mold. The shell adopt the type of button up coincidence to connect, none screw is used, and it further reduce the weight. We believe that Model product should be made as exquisite article, for it' s a hobby to play models, no one is willing to find that there are a pile inferior quality of third-grade fitting in the beloved models. Only exquisite model can help to experience pleasure hobbies.

Let's do a simple test to check the performance of BlueArrow BA- TS-4.3.

First check the occasion of clearance of BlueArrow BA-TS-4.3. Every piece of servo has complicated gear construction; the existence of clearance between the gears is one of the reasons to make this occasion. Some low quality servos mold is coarse and is difficult to warrant high accuracy, and the problem of the existence of clearance is a great one, then the helm can move freely in a certain scope. Examination method is: Put off the connection between the servo and receiver, fix on the helm and turn the helm gently, make it take a tendency of revolution, but please not make an effort and don't try to make it the truly revolution, as it may make the gears breakdown. Generally there is little clearance in good quality servos, you can only turn a little, while those low quality servos may create a large revolution angle (above 1°). BA-TS-4.3's clearance is very small, we feel satisfactory that it's performance is basically similar with GWS!

Secondly, let's check the work occasion of BA-TS-4.3. Generally speaking, servo has a response speed, despite different servos' nominal response speed is same, but it's different at actual working hour. Some servos' response speed is very quick, but it may be a certain delay during the working; and some can respond quickly, but the revolution speed is too slow. These occasions suggest that the servo's performance is not pleased. The test result of BA- TS-4.3 is satisfactory. It's nominal speed is 0.12sec/60°. BlueArrow BA- TS-4.3 is really very small, and its speed and torque are both reasonable.



Do you want to own this micro servo?

BlueArrow BA- TS-4.3 micro-servo hold the good quality, its performance and reliability equal to those servos produced in Taiwan or abroad. It possesses extreme small physical volume and light weight, and till now there are no similar product in the market yet. BA- TS-4.3 is a idea choice for micro electronic planes and helicopters. We convince that this product can bring you more fun.

Technical data

Supply voltage	4.8V
Speed	0.12sec/60° (No load running)
Torque	0.4kg/cm
Operating current	1mA/100mA
Connector wire length	160mm(including the length of plug)
Size	19.6mm×19.6mm×8mm
Weight	4.3g
Plug specification	JR