Assembly of RAETTS high speed centrifugal blower

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Many customers are interested in assembly of our high speed centrifugal blowers. So this article is to introduce you how to assemble this type of blowers.

Now take the 5.5KW super blower as an example. Next is some accessories we need to use. First is our base plate, which is used to fix the motor. This is a 12mm shock absorber for the blower. These are the consumables of the tensioner. The first is the lock plate shaft, one spring, one inner ring of the oil seal of the tension wheel.

This is a special 10mm left-handed screw, this is a pressure cap, this is a 10 x 20 mm left-handed screw. This is the wheel of the tensioner, which is already assembled, with an oil seal , a bearing on it. Here is the bottom flange, two pieces to be combined into a complete flange. This is a 450 joule belt, this is the gasket of the pump, which is placed on the pump head. Here is the aluminum plate of our motor.

This one is a larger pulley. Our pulleys include this pulley base with three 10*30mm hex socket screws on the base, which has been balanced. This is the pump head of the super blower. The screws used to assemble the blower include four 12*50mm hex screws, four 12mm nuts, four 12mm spring pads, and four 12mm flat pads. This is a hexagonal screw, 12*30mm, we need to fix the motor, it needs 4. This 8 are M8*30 hex socket screws for locking the pump head. These 8 are M8*16 hex socket screws for locking this shock absorber.

Next is the tools we will use. The first is a rubber hammer, 19mm open end wrench, depth ruler. 2.5MM hex wrench, 4MM hex wrench, 5MM hex wrench, 6MM hex wrench, 8MM hex wrench, 10MM hex wrench. There is also a net cover for the blower.

Next, we enter the assembly process.