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3 Phase STEPPERONLINE provides different kinds of hybrid 3 phase stepper motor. Compared to 2-phase motors, 3 phase stepper motor can provide more torque and it has a better performance in over-loading. That is to say, when the load gains, no like other steppers, 3 phase stepper motor will not stall easily.

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There are two key differences between 2-phase and 5-phase motors. The first is mechanical. A hybrid stepper motor consists of basically two parts, a stator and a rotor. The rotor in turn is made up of three components; rotor cup 1, rotor cup 2 and a permanent magnet. In a 2-phase motor the stator is made up of 8 magnetic poles with small teeth, while the 5-phase motor stator is made up of 10 ...

Stepper Motors - 2-Phase vs. 5-Phase Hybrid Stepper Motor ...

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