

2.11. CONTACTLESS ELECTRIC MACHINE

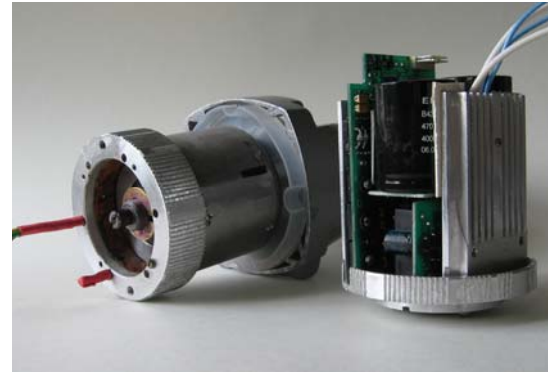
Contactless electric motors are intended for the use in instrument making, aviation, automotive, military, space, household, medical equipment, power tools etc.

Range of rotor speed – 0...60000 rpm and more.

Useful power – 1...30000 W.

Advantages

Compared to conventional synchronous and asynchronous motors, contactless electric machines are characterized by greater reliability, higher efficiency, simpler manufacturing technology, smaller dimensions and weight, and lower losses due to the absence of magnetic cores in the stator.



Contactless drive for power tool