



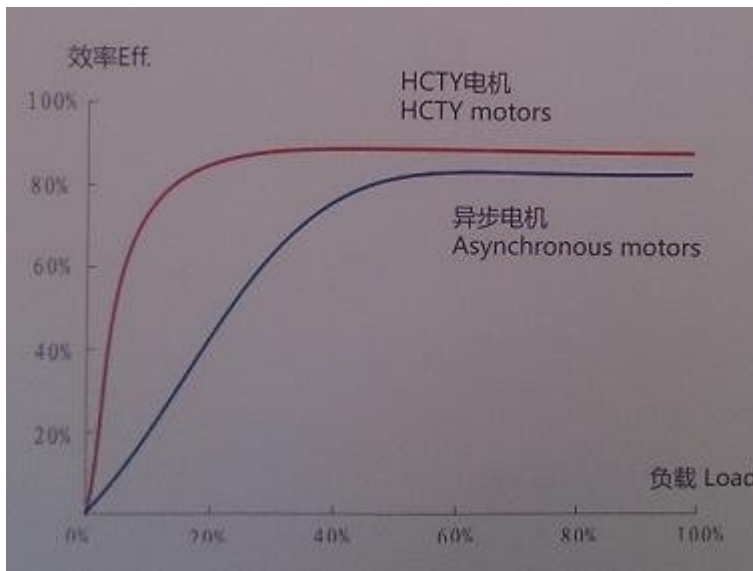
Permanent Magnet Synchronous Motor (PMSM)

Our company is one of the most prolific inventors for permanent magnet motors covering a wide variety of models throughout China. With super high efficiency and energy saving, the newly developed HCTY series permanent magnet three-phase synchronous motors include P4, P6, P8 and 1.1KW-45KW, around 30 types.

Main Feature

High efficiency: The efficiency index of the HCTY series permanent magnet motors is above 92%, which not only reaches the state-level standard, but also outclasses the EU IE3 standard (It stands as the highest standard for energy efficiency of motors in 2017.).

High power factor: As for the HCTY series motors, they are free from induced current excitation. The stator winding performs as resistive load. Under the condition of 1/4 load to rated load, the motors can work with a high power factor, which is approximate to 1.



Large starting torque: The starting torque of the HCTY series permanent magnet motor is about 2 times larger than that of its counterpart in Y / Y2 series.

Wide range in speed adjustment: Motor speed has a good performance and is proportional to frequency. The precision of the frequency control is wide, which reached 1:1000 and even more, while the asynchronous motors can only reach 1:100.

Perfect interchangeability: The appearance and the mounting dimensions are the same with the Y/Y2 series, so interchangeability is available between them.

Other Features: Small size, light weight, low material consumption, low noise, low temperature rise, simple structure and reliability.