How to reduce the ball bearing noise.

(a) manufacturing process. Process refined, refers to the process flow is as short as possible, with no intermediate processing, production inventory, effectively reduce the influence of low noise ball bearing performance of process factors; production of clean, this is a system, including the process of grinding fluid, semen, cleaning liquid, air, high pressure air, production techniques from the car; automation, machining and assembly of full process automation, few or no; scale, such bearings especially mute ball bearings, must form a large-scale, in order to have a global market competition ability.
(two) equipment. High speed electric spindle grinding, precision, rigidity, life and various sound detection protection performance plays an important role in grinding machining precision and efficiency; grinding technology, foreign internal grinder have high speed grinding, AC servo control system, automatic feed resolution of 0.25 microns, easy operation, self diagnosis function; super finishing technology the Osaka machine, mainly to Japan as the representative of the centerless support two station super fine and in Germany as the representative of the ladder Lunhaosi hydraulic centering four station super finish in two ways; online detection technology, in twentieth Century since eighty time, feedback control Japan bearing industry to active measurement machine outside the automatic grinding and ultra short term most widely used. Automatic grinding and super line application of constitution in China in this manner is mature, currently has around 100.