The production characteristics of FAG deep groove ball bearing parts

Deep groove ball bearing parts, although the structure is simple, but the technical requirements are very high, so there are several processing characteristics:
1 precision machining
FAG bearing parts most surface after grinding, grinding size and geometric accuracy in M units, especially the ring raceway and rolling body need higher precision, ultra precision machining or grinding.
More than 2 processes
FAG bearing parts demand is high, the production process more inevitable. General bearing production needs 20 ~ 40 working procedure, the more than 70 multichannel.
3 molding processing
The working surface of bearing parts are rotary forming surface, suitable for use in molding. Such as forging rolling and car raceway grinding, are used in molding tool or anti plate processing.
In addition, the vast majority of bearings are standard products, bearing the same types of demand, in order to improve productivity, reduce costs, ensure the quality and the extensive use of new technologies, improve the mechanization and automation level, deep groove ball bearing company is generally carried out mass production according to FAG bearing type number and variety, even set up special automatic line or assembly line production.