

Assembling and dismantling

Check the components of pump before assembling to see that if they have some defect which will affect the assembling. And wipe clean them then you can assemble.

Tighten each bolt, tightening the relevant parts in advance.

*Put the O type gasket 、 paper cushion、 framework oil seal,etc on relevant part in advance.

*Fix in turn seal ring and packing, packing ring or packing bush ring packing gland, etc in the pump cover.

*Fix the rolling bearings on the axles,then put the pump cover on the suspended frame,and then fix and tighten the impeller stop gland,impeller nuts,etc.At last fix above parts in the case,tighten the bolts the case and the pump cover.

You should take particular care of some small parts such as flat key water-block ring, O type gasket inside of the axle sleeve which are easy to be lost or fixed in wrong order during over assembling,the dismantling order is basically opposite to the assembling order.

Installation

It is important to the operation and the life of pump that if the installation is good or not, so it is must be careful when install and correct, for details of pump outline and installation dimensions,refer to HPK type pump installation drawing and table.

Installation and correction:

*Eliminate the greasiness and dirt on the base,put the base plate on the foundation.

*Check the level degree of the base plate with gradienter,allow to find the level by wedge-shaped iron.

*Pour concrete into the eyelets of the base plate and the foundation bolts.

*Check if eyelets are lose after the concrete is dry,if it is proper then tighten the foundation bolts,check the level degree again.

*Clean the supporting plane of the base,and the plane of pump foot and motor toot,fix the pump and motor on the base.

*There should be some clearance between couplings,check if the center lines

of the pump axle and the motor are accordant, and may use thin spacer to adjust to make them concentric.

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