
摘要

通过对机械压力机的国内外争论现状的分析，确定了本课题的主要设计内容。在确定了机械压力机初步设计方案后，打算承受传统理论方法对 JH31-315 机械压力机传动系统进展设计、计算、强度校核，承受 AutoCAD 设计软件对大齿轮、小齿轮、偏心轮、连杆、总装图进展了工程绘图，同时还对 JH31-315 的主要零件进展了绘图。在参考了某公司生产的 JH31-315 机械压力机传动系统以及查阅了大量关于机械压力机传动系统设计的书籍后，确定了机械压力机的传动系统的设计方案，绘制了传动系统原理图，给出了传动系统的工作说明书，并对其进展了可行性分析，最终对整个设计进展系统分析，得出结论整个设计切实可行。

关键词 机械压力机；传动系统；强度校核

Abstract

Analysis of the compressive stress mechanism's domestic and foreign research existing circumstance,determines this topic main design content.After I had determined the enginery compressive stress mechanism preliminary design plan,decided uses the traditional theory method to carry on the design,the computation,the intensity examination to the JH31-315 mechanical press transmission system,used AutoCAD design software to the gearwheel,pinion, eccenter,connecting rod,the final assembly drawing has carried on the project cartography, meanwhile has carried on the mapping to the master accessory.In has referred to JH31-315 mechanical press transmission system which some company produces as well as has consulted massively after the mechanical press transmission system design books,the definite mechanical press transmission system design proposal,has drawn up the system schematic diagram,has produced the transmission system working instructions,and has carried on the feasibility analysis to it,finally carries on the system analysis to the entire design,obtains the entire design to be practical and feasible.

Keywords mechanical press transmission system intensity check

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