

# CALCULATION OF DURABILITY OF WORKING SECTION OF PROGRESSIVE DIVIDER VALVE BY A METHOD OF FINAL ELEMENTS

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The description of calculation of durability of working section of progressive divider valve is resulted at various speeds of moving of the dosing out piston. Calculation includes: preparation of solid-state 3D-models of details; creation of settlement model; formation of its final-element model; the analysis of results of modelling. Work is executed with use of program complex ADAMS of firm Mechanical Dynamics, Inc.

*Design of hydraulic systems, lubricating systems, sequential feeder, friction, strength, the method of the final elements*

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