

THE ANALYSIS OF TEMPERATURE REGIME OF LOW-SPEED STAGE WITH CHANGE IN RATIO OF TIME AND RETURN STROKE OF PISTON

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The paper presents theoretical studies on the control of a linear hydraulic drive by changing the ratio of compression time (forward stroke) and suction time (return stroke). The effect of the operating mode of the drive on the efficiency of the working cycle is estimated.

Keywords: linear drive, the law of motion, low-speed long stroke piston compressor, forward and reverse stroke workflow, adjustable drive.

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