

FEATURES OF CALCULATION OF HYDRAULIC CHARACTERISTICS OF CAPILLARY SPRAY JETS OF IS LIQUID-STNYH ROCKET ENGINES OF SMALL PULL-ROD

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The method of calculation of hydraulic resistance of a liquid in capillary spray jets of liquid rocket engines of small pull-rod is developed at an isothermal current and with heat supply. Dependences for calculation of borders of the single-phase, not developed and developed superficial boiling of a liquid and heat exchange in the given areas of a current are offered.

The liquid rocket engine of small pull-rod, capillary spray jets, calculation method, hydraulic resistance, isothermal current, current with a supply of heat, heat exchange

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