

621.436

The analysis of the ways to measure key parameters of diesel fuel injection fuel systems. Proposed new additional criterion that characterizes the stabilization of fuel injection pressure as a function of engine speed diesel. A study the standard fuel system of diesel JaMZ-238, the same system with a regulated drives high pressure fuel pump and the combined fuel system on the proposed indicator.

Keywords: diesel, fuel system, fuel injection pressure, stability, coefficient.

[1; 2],

[3]

[4; 5],

1.

2.

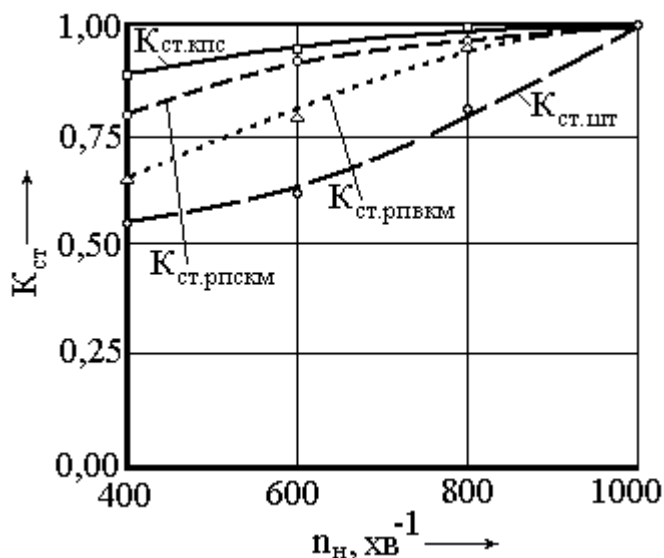
[4-6].

$$K_{i} = \frac{P_{i.\max}}{P_{S_N.\max}}$$

$P_{i,max}$ - ;
 $P_{S_N,max}$ -
 () .

$K_i = 1.$

-238, [5; 6]
 [6] 400 1000⁻¹.
 ()
 -238 (), ()
 () (n)
 .1.



.1.

-238 30,0 53,6
 $1000 = 1,00$ (400^{-1})
 2000 800 1000^{-1})
 1,8
 [5] 34,1 53,0
 $1000 = 0,64$ (400^{-1}) $1000 =$
 2000 800 1000^{-1})
 1,6
 [6] 44,1 54,9

