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Alyokhin S.A. Prospects of the further improvement specific mass-size and power factors of the special 6DN 12/2 12 type engines // Internal combustion engines. – 2005. – 1. – P. 3-7.

In this article there are considered problems on the further afterburning two-stroke diesel engines on 6DN 12/2 12 family. It is shown that limiting their afterburning at the expense of the simultaneous increase of average velocity  $C_m$  and average efficient pressure  $p_e$  by the increase the pressure supercharging air in combination with intermediate its cooling has allowed to get the high specific mass-size and power parameters:

$N = 81,2 \text{ kW/l}$ ,  $N = 1250 \text{ kW/m}^3$  and  $q_m = 1,07 \text{ kg/kW}$ .

Tabl. I. Il. 1. Bibliogr. 6 names.