

Influence of Geometric Parameters of an Acoustic Piston Supercharger on its Operating Efficiency

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Abstract

© 2017 Springer Science+Business Media New York The influence of the geometric parameters of an acoustic piston gas supercharger on its operating efficiency is considered. An estimate of the capacity of the supercharger in a resonance operating regime is presented.

<http://dx.doi.org/10.1007/s10556-017-0277-y>

Keywords

acoustics, energy conservation, homogeneous wave, piston supercharger, resonance