

عنوان مقاله:

Design, Analysis and Construction of a Radial Turbo Expander

محل انتشار:

دهمین همایش انجمن هوافضای ایران (سال: 1389)

تعداد صفحات اصل مقاله: 3

نویسندگان:

Ali Golestani - Faculty of Mechanical Engineering, Tabriz University

Esmail Rrazavi - Faculty of Mechanical Engineering, Tabriz University

Mostafa Zanzanjabasi - Faculty of Mechanical Engineering, Yazd University

خلاصه مقاله:

This paper investigates a radial turbo expander from design to computational analysis and next for production. The operating fluid is Methane. This turbo expander is supposed to produce 10kw power at 5000 rpm. Comparison of rotor torque computationally and numerically agrees well.

کلمات کلیدی:

turbo expander-Navier stokes Eq.-rotorguide vane

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/134909>

