

# Accepted Manuscript

Title: Influence of the piston displacement profile on the performance of a refrigerating cycle equipped with an axial piston compressor

Author: Giovanni Galoppi, Isacco Stiaccini, Giovanni Ferrara, Lorenzo Ferrari

PII: S0140-7007(17)30239-6

DOI: <http://dx.doi.org/doi: 10.1016/j.ijrefrig.2017.06.005>

Reference: IJIR 3670

To appear in: *International Journal of Refrigeration*

Received date: 3-1-2017

Revised date: 31-5-2017

Accepted date: 2-6-2017

Please cite this article as: Giovanni Galoppi, Isacco Stiaccini, Giovanni Ferrara, Lorenzo Ferrari, Influence of the piston displacement profile on the performance of a refrigerating cycle equipped with an axial piston compressor, *International Journal of Refrigeration* (2017), <http://dx.doi.org/doi: 10.1016/j.ijrefrig.2017.06.005>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



# Influence of the piston displacement profile on the performance of a refrigerating cycle equipped with an axial piston compressor

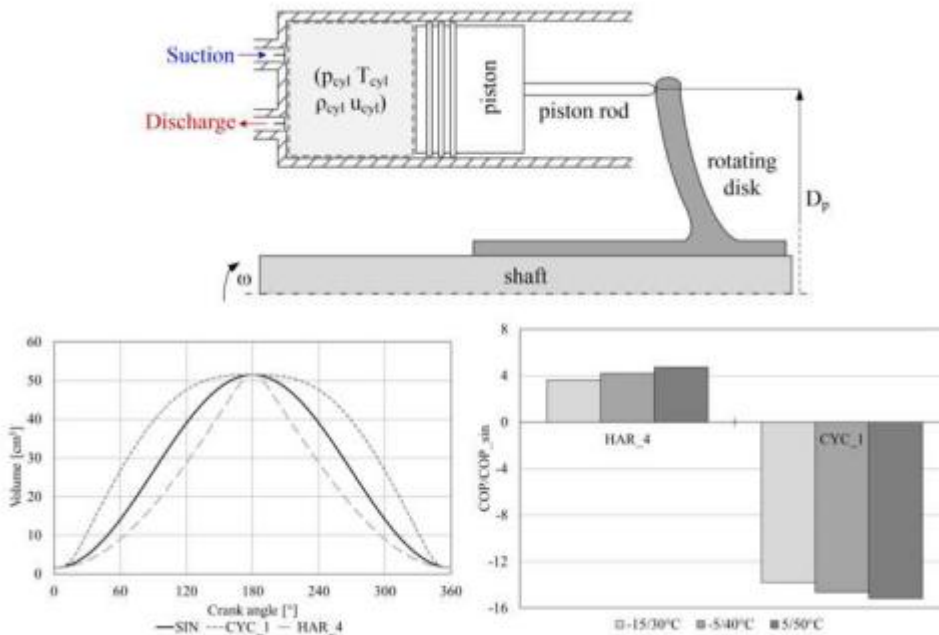
Giovanni GALOPPI<sup>1a</sup>, Isacco STIACCINI<sup>1b</sup>, Giovanni FERRARA<sup>1c</sup>, Lorenzo FERRARI<sup>2d\*</sup>.

<sup>1)</sup> Department of Industrial Engineering, University of Florence  
Via di Santa Marta 3, 50139, Florence, Italy  
Phone +39 055 275 8797  
Fax +39 055 275 8755

<sup>2)</sup> Department of Energy, Systems, Territory and Construction Engineering (DESTEC),  
University of Pisa  
Largo Lucio Lazzarino, 1, 56122, Pisa, Italy  
Phone +39 050 221 7132  
Fax +39 050 221 7333

a) [giovanni.galoppi@unifi.it](mailto:giovanni.galoppi@unifi.it)  
b) [isacco.stiaccini@unifi.it](mailto:isacco.stiaccini@unifi.it)  
c) [giovanni.ferrara@unifi.it](mailto:giovanni.ferrara@unifi.it)  
d) [lorenzo.ferrari@unipi.it](mailto:lorenzo.ferrari@unipi.it) (corresponding author)

## Graphical Abstract



Download English Version:

<https://daneshyari.com/en/article/5017009>

Download Persian Version:

<https://daneshyari.com/article/5017009>

[Daneshyari.com](https://daneshyari.com)