**Title in english**

title in slovak

Name Surname of 1st author1, Name Surname of 2nd author2, Name Surname of 3rd author3, Name Surname of 4th author1

*1Institution, Department, Faculty, University, Address, Postcode, City, State, e-mail*

*2Institution, Department, Faculty, University, Address, Postcode, City, State, e-mail*

*3Institution, Department, Faculty, University, Address, Postcode, City, State, e-mail*

**Abstract:** Abstract in English.

**Key words:** key words in English

**Abstrakt:** Abstract in Slovak language.

**Kľúčové slová:** key words in Slovak language

**Introduction**

Introduction should describe the current state of knowledge in the problem. It should be brief and concise. It must include the formulation of the scientific problem and relationship to previous work with similar problems. In the end, it is necessary to clearly define the scope and objectives of the article. Citations should be in brackets (Dado *et al*. 2013) (Purfürst 2010).

**material and methods**

It contains a description of the materials, methods and techniques. Standard procedures can be indicated by reference to the source, the original is necessary to describe in detail. The main objective of this section is to given sufficient details for a competent researcher to be able to repeat the measurement and to reproduce the results.

**results**

This section should evaluate the achieved results. Present results are processed and described in tables and graphs.

Fig. 1Title of figure in English

Obr. 1 Title of figure in Slovak

1)Hmotnosť, 2)Výkon

Table 1 Title of table in English

Tabuľka 1 Title of table in Slovak

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **K1t** | **K2t** | **K3t** | **K4t** | **K5t** | **K6t** |
| Engine performance1) [kW] | 0 ÷ 75 | 75 ÷ 100 | 100 ÷ 125 | 125 ÷ 175 | 175 ÷ 225 | < 225 |
| Weight2)[t] | 0 ÷ 1,3 | 1,3 ÷ 1,7 | 1,7 ÷ 2,0 | 2,0 ÷ 2,8 | 2,8 ÷ 3,5 | < 3,5 |
| Grinding diameter3) [cm] | 0 ÷ 22 | 22 ÷ 26 | 26 ÷ 30 | 30 ÷ 38 | 38 ÷ 46 | < 46 |
|  | **K1hm** | **K2hm** | **K3hm** | **K4hm** | **K5hm** | **K6hm** |
| Flow rating4) [kW] | 0 ÷ 75 | 75 ÷ 100 | 100 ÷ 150 | 150 ÷ 175 | 175 ÷ 200 | < 200 |
| Weight2)[t] | 0 ÷ 0,55 | 0,55 ÷ 0,7 | 0,7 ÷ 1,0 | 1,0 ÷ 1,2 | 1,2 ÷ 1,35 | < 1,35 |
| Grinding diameter3) [cm] | 0 ÷ 12 | 12 ÷ 16 | 16 ÷ 23 | 23 ÷ 26 | 26 ÷ 30 | < 30 |

1)Výkon motora, 2)Hmotnosť, 3)Priemer nárastu, 4)Prietokové množstvo

Equations should be formatted as follows:

$Q=V\_{G}∙n\_{G}∙η\_{G}$ (1)

where *ηG* is flow hydraulic pump efficiency [-],

*Q* is flow rate [m3.s-1],

*VG* is geometric volume of hydrogenerator [m3.ot-1].

**discussion**

The achieved results should be critically discussed and compared with the results of other authors. It should be focused on the basic established principles and evaluated whether they have been confirmed. The discussion should be limited only to the area of achievement.

**conclusion**

Conclusion should present a brief summary of the major results of the work and deduct fulfillment of set goals.

**Acknowledgment**

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