



July 2001

# **EUROPUMP-Guideline**

**for the application of the EC-Directive 2000/14/EC**

**„Noise emission in the environment by equipment  
for use outdoors“**

**in respect to pumps and pump units**

This Directive of the European Parliament and of the Council of 8<sup>th</sup> May 2000 was published on 3<sup>rd</sup> July 2000.

The Directive may be applied as from 3<sup>rd</sup> July 2001 with a transition period until 2<sup>nd</sup> January 2001.

With effect from 3<sup>rd</sup> January 2002 only products shall be put on the market which comply with the requirements of this Directive.

The aim of this Directive is to harmonise the laws of the Member States relating to noise emission standards, conformity assessment procedures, marking, technical documentation and collection of data concerning the noise emission in the environment of equipment for use outdoors.

**“Equipment for use outdoors”** means all machinery defined in the Directive 98/37/EC “Machinery”, which is either self-propelled or can be moved and which, irrespective of the driving element is intended to be used in the open air and which contributes to environmental noise exposure.

#### **The Directive distinguishes between 2 categories of equipment:**

- **Category 1** are equipment/machines **subject to noise limits** (Article 12 of this Directive). The limit values of permissible sound power level of equipment listed in the Directive should not be exceeded.  
The assessment of conformity for such equipment must be issued by a notified body.  
Equipment of this category are e.g. compressors, concrete-breakers, tower cranes, and also lawnmowers.
- **Category 2** are equipment/machines **subject to noise marking only** (Article 13 of this Directive). The equipment must be marked by the manufacturer with a label indicating the guaranteed sound power level.  
The EC-Declaration of conformity is drawn up by the manufacturer himself.  
Equipment of this category are among other things **high pressure water jet machines and water pumps (not for use under water)**.

Water pump units are subject of category 2 of this Directive **with the exception of submersible pumps**, which are excluded from the scope.

The Directive applies to dry installed pumps intended for use outdoors, which are transportable (portable or movable) and can be used therefore on changing localities in the environment.

Pump units, which are installed outdoors in stationary industrial plants e.g. Chemical plants and Refineries or in municipal units e.g. sewage treatment plants are not subject of the scope of this Directive.

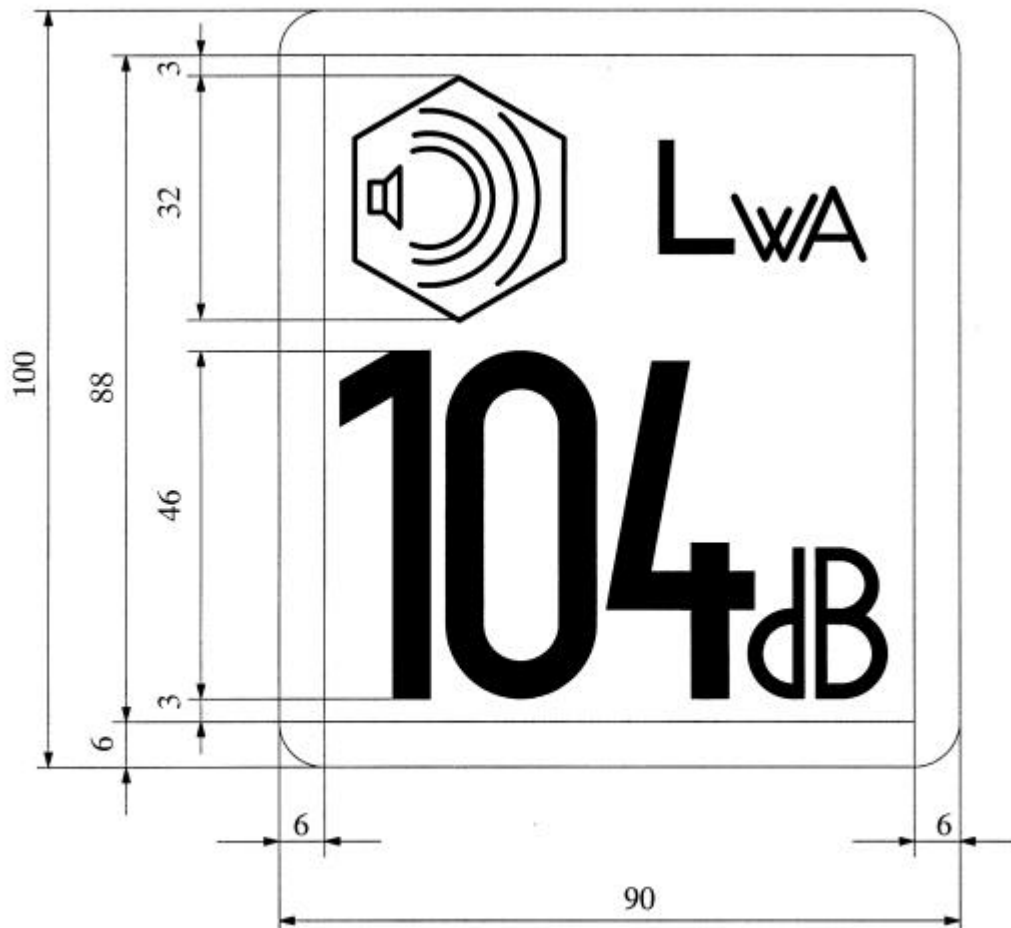
For pump units which are subject of the scope of this Directive the Pump manufacturer must meet requirements of this Directive in addition to the known requirements in accordance with the EC-Directive 98/37/EC “Machinery”.

Supplementary are required:

- EC-Declaration of conformity within the meaning of the Directive 2000/14/EC
- Indication of the sound power level on a separate label affixed on the pump unit (see Annex)
- Extended technical documentation must contain the following information's:
  - Technical data relevant for the identification of the equipment and the assessment of its noise emission
  - The technical report of noise measurements carried out in accordance with the provisions of this Directive
  - The technical instruments applied and the results of evaluation of the uncertainties and their relation to the guaranteed sound power level.

-----

## Annex



### Original wording of the Directive:

“If the indication is reduced or enlarged according to the size of the equipment the proportions given in the above drawing must be respected. However, the vertical dimension of the indication should, if possible, not be less than 40 mm.”