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Liquid pumps and installation — General terms — Definitions, quantities, letter symbols and units

Pompes pour liquides et installations — Termes généraux — Définitions, grandeurs, symboles littéraux et unités

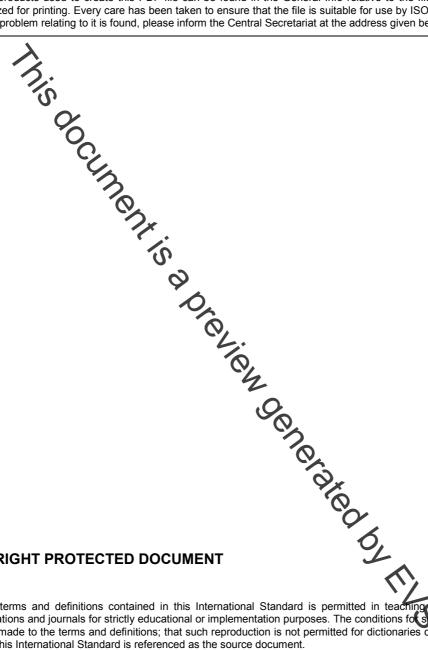


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Co	ontents	Page
For	eword	iv
1	Scope	1
2	Normative references	1
3 3.1 3.2 3.3	Terms and definitions	1
4	Comparison between specific energies and their corresponding heads	
5	List of symbols and quantities	
6	List of letters, figures and symbols used as subscripts for creating and defining symbols	
Anr		
ΑІр	nex A (informative) Figure sillustrating the definitions	46

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Liquid pumps and installation — General terms — Definitions, quantities, letter symbols and units

1 Scope

This International Standard deals with terms, letter symbols and units related to the flow of liquids through rotodynamic and positive displacement liquid pumps and associated installations. It serves as a means of clarifying communications between the installation designer, manufacturer, operator and plant constructor.

This International Standard identifies the units in common usage but, all other legal units can be used.

This International Standard deads solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions described by positive values for the definitions are solely with conditions described by positive values for the definitions are solely with conditions described by positive values for the rate of flow and pump head. The definitions are solely with conditions are solely with the most common form of a quantity followed by some frequently used variants. Other values for the conditions are solely with the most common form of a quantity followed by some frequently used variants. Other values for the conditions are solely with the most common form of a quantity followed by some frequently used variants.

This International Standard is not concerned with terms, letter symbols and units referring to the component parts of rotodynamic and positive-displacement pumps and installations.

Whenever possible, symbols and definitions conform to those used in ISO 31-0 and ISO 1000, with further explanations where these are deemed appropriate. Some deviations have been incorporated for reasons of consistency.

2 Normative references

The following referenced documents are indispensable to the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 31-0, Quantities and units — Part 0: General principles

ISO 1000, SI units and recommendations for the use of their multiples and of certain other units

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 General definitions

3.1.1 General terms

3.1.1.1

pump

mechanical device for moving fluids including the inlet and outlet connections as well as, in general, the shaft ends

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