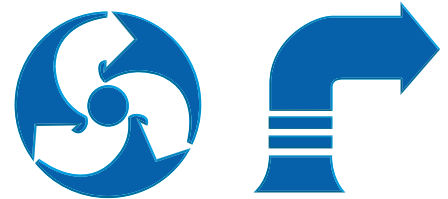


Hydraulic Institute Guideline for

Rotodynamic (Centrifugal and Vertical) Pump

Efficiency Prediction



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Hydraulic Institute Guideline for Rotodynamic (Centrifugal and Vertical) Pump Efficiency Prediction

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Approved by Hydraulic Institute
July 12, 2010

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Published By

Hydraulic Institute
6 Campus Drive, First Floor North
Parsippany, NJ 07054-4406

www.Pumps.org

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Printed in the United States of America

ISBN 978-1-880952-93-1



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Foreword (Not part of Guideline)

Purpose and aims of the Hydraulic Institute

The purpose and aims of the Institute are to promote the continued growth and well-being of pump users and manufacturers and further the interests of the public in such matters as are involved in manufacturing, engineering, distribution, safety, transportation and other problems of the industry, and to this end, among other things:

- a) To develop and publish standards, guidelines, or educational materials on the application, installation, operation, and maintenance of pumps and pumping systems;
- b) To collect and disseminate information of value to its members and to the public;
- c) To appear for its members before governmental departments and agencies and other bodies in regard to matters affecting the industry;
- d) To increase the amount and to improve the quality of pump service to the public;
- e) To support educational and research activities;
- f) To promote the business interests of its members but not to engage in business of the kind ordinarily carried on for profit or to perform particular services for its members or individual persons as distinguished from activities to improve the business conditions and lawful interests of all of its members.

Purpose of Guidelines

- 1) Hydraulic Institute Guidelines are adopted in the public interest and are designed to help eliminate misunderstandings between the manufacturer, the purchaser, and/or the user and to assist the purchaser in selecting and obtaining the proper product for a particular need.
- 2) Use of Hydraulic Institute Guidelines is completely voluntary. Existence of Hydraulic Institute Guidelines does not in any respect preclude a member from manufacturing or selling products not conforming to the guidelines.

Definition of a Guideline of the Hydraulic Institute

An Institute Guideline consists of explanatory data and other engineering information of an informative character not falling within the classification of Institute Standards.

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Comments from users of this guideline will be appreciated, to help the Hydraulic Institute prepare even more useful future editions. Questions arising from the content of this guideline may be directed to the Technical Director of the Hydraulic Institute. The inquiry will then be directed to the appropriate technical committee for provision of a suitable answer.

If a dispute arises regarding contents of an Institute Guideline or an answer provided by the Institute to a question such as indicated above, the point in question shall be sent in writing to the Technical Director of the Hydraulic Institute, who shall initiate the Appeals Process.

Moreover, only the Hydraulic Institute shall have the right or authority to issue an interpretation of a Hydraulic Institute Guideline in the name of the Hydraulic Institute. Requests for interpretations should be addressed to the Technical Director of the Hydraulic Institute.

Revisions

The Guidelines of the Hydraulic Institute are subject to constant review, and revisions are undertaken whenever it is found necessary because of new developments and progress in the art. If no revisions are deemed necessary after five years, the guidelines shall be reaffirmed using the HI balloting procedure.