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End-suction centrifugal pumps — Dimensions of cavities for mechanical seals and for soft packing

*Pompes centrifuges à aspiration en bout — Dimensions des logements de
garnitures mécaniques et de tresses*



Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 3069 was prepared by Technical Committee ISO/TC 115, *Pumps*, Subcommittee SC 1, *Dimensions and technical specifications of pumps*.

This second edition cancels and replaces the first edition (ISO 3069:1974), which has been technically revised by having a broadened scope and the inclusion of an alternative heavy-duty seal cavity. The previously published cavity dimensions have not been amended, but the sizes available have been increased. To meet the growing demand for cartridge mechanical seals, an informative annex has been included to assist in the rationalization of seal cavity dimensions for this product group. The dimensional recommendations have been applied to seal chambers with parallel bores, although reference is made, where appropriate, to the equivalent performance of conical shaped seal chambers.

Annex A of this International Standard is for information only.