

Specification for

Dimensions of housings for elastomer-energized plastic-faced hydraulic seals in reciprocating applications

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The preparation of this British Standard was entrusted by the Machinery and Components Standards Committee (MCE/-) to Technical Committee MCE/11, upon which the following bodies were represented:

- British Compressed Air Society
- British Fluid Power Association
- British Hydromechanics Research Association
- British Industrial Truck Association
- British Rubber Manufacturers' Association
- Engineering Equipment and Materials Users' Association
- Ministry of Defence
- Society of British Aerospace Companies Limited
- Society of Motor Manufacturers and Traders Limited

This British Standard, having been prepared under the direction of the Machinery and Components Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 January 1989

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Foreword

This British Standard has been prepared under the direction of the Machinery and Components Standards Committee. It implements draft International Standards DIS 7425-1¹⁾ and DIS 7425-2¹⁾ prepared by the International Organization for Standardization (ISO).

The dimensions given for hydraulic seal housings in this British Standard, although providing the necessary basis for standardization in their manufacture and application, should not be regarded as providing all the information required for design purposes. It is for example very desirable to consult the seal manufacturer on the disposition of the tolerances on the inner and outer diameters to ensure that proper interference is provided between the seal and its mating surface.

The range of cylinder bore and piston rod diameters specified in this British Standard have been selected from BS 5755.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ In preparation.