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Measurement of airborne noise from hydraulic fluid power systems and components

Part 4. Method of determining sound power levels from valves controlling flow and pressure

Mesurage du bruit aérien émis par les systèmes de transmissions hydrauliques
Partie 4. Méthode de détermination des niveaux de puissance acoustique des appareils de réglage du débit et de la pression

Messung des Luftschalls von Hydraulikanlagen und -bestandteilen
Teil 4. Verfahren zur Bestimmung der Schalldruckpegel von Ventilen zur Durchfluß- und Drucksteuerung

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Foreword

This British Standard has been prepared under the direction of the Mechanical Engineering Standards Committee and is one of a group of British Standards related to the measurement of noise emanating from hydraulic fluid power systems and components.

It is intended that this standard, which is based upon procedures given in ISO 2204 published by the International Organization for Standardization, will unify testing methods and enable the performance of different valves to be compared on a common basis.

It has been assumed in the drafting of this British Standard

that the execution of its provisions is entrusted to appropriately qualified and experienced people, for whom it has been prepared.

The standard comprises the following Parts.

Part 1 Method of test for pumps

Part 2 Method of test for motors

Part 3 Guide to the application of Part 1 and Part 2

Further Parts are planned.

Compliance with a British Standard does not of itself confer immunity from legal obligations.