International Standard

ISO 7368

Hydraulic fluid power — Two-port slip-in cartridge valves — Cavities

Transmissions hydrauliques — Distributeurs à cartouche, à bride, à deux orifices — Logements

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Foreword

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This document was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 5, *Control products and components*.

This third edition cancels and replaces the second edition (ISO 7368:2016), which has been technically revised.

The main changes are as follows:

— codification adapted to ISO 5783:2019, Clause 6 and all figure and table titles;

— introduction of new reference B on the manifold surface and perpendicularity to diameter d_1 (all figures);

— the runout tolerance of diameter d_2 additionally refers primarily to datum B. This is to avoid measuring errors due to the short measuring distance of diameter d_1 for determining the datum axis;

— R_2 introduced at the face side (inner corner) of outside diameter d_2 for all sizes (all figures);

— the tolerance of depth Z in Table 6 has been changed similar to Table 5 to ±0,2 mm;

— “NOTE Size 15 and size 16 are not yet listed in ISO 5783” in Clause 4 was deleted, because these sizes were included in ISO 5783-2019.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit. Typical components found in such systems are hydraulic valves. These devices control flow direction, pressure or flow rate of liquids in the enclosed circuit.