BS ISO 8426-1:2025

BSI Standards Publication

Hydraulic fluid power — Determination of derived displacement of positive displacement pumps and motors

Part 1: Two-step Toet method

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The UK participation in its preparation was entrusted to Technical Committee MCE/18/-/8, Product testing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2025

ISBN 978 0 539 24407 6

ICS 23.100.10

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 August 2025.

Amendments/corrigenda issued since publication

Date	Text affected

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International Standard

ISO 8426-1

First edition
2025-08

Hydraulic fluid power — Determination of derived displacement of positive displacement pumps and motors —

Part 1: Two-step Toet method

Transmissions hydrauliques — Détermination de la cylindrée calculée des pompes et moteurs volumétriques —

Partie 1: Méthode Toet à deux étapes

Reference number
ISO 8426-1:2025(en)

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Contents

Page

Foreword ... **iv**
Introduction ... **v**
1 Scope ... **1**
2 Normative references ... **1**
3 Terms and definitions ... **1**
4 Symbols and units ... **1**
5 Test procedure ... **2**
5.1 General requirements ... 2
5.2 Number of steady-state shaft speeds and differential pressures ... 3
5.3 Variable displacement unit ... 3
5.4 Reverse flow unit ... 3
5.5 Unit used as pump or motor ... 3
6 Calculation of derived displacement ... **4**
6.1 General ... 4
6.2 The two-step Toet method ... 4
7 Test report ... **5**
Annex A (informative) **Test report examples** ... **7**
Annex B (informative) **Formulae for fitting a line** ... **15**
Bibliography ... **16**

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This document was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 8, *Product testing*.

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Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit. Two types of components of such systems are the positive displacement pumps and motors. One of the technical parameters of these components is the derived displacement, also known as derived capacity. The term "derived displacement" is preferred over "derived capacity". This document describes the test procedure and analytical approach of the two-step Toet method for the determination of the derived displacement of hydraulic fluid power positive displacement pumps and motors.

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