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CCS J 20



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48159-2026

**Aerospace - General specifications for hydraulic power transfer
units**

航空航天 液压功率转换装置通用规范

(English Translation)

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Foreword

GB/T 48159-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Standardization Administration of China.

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1 Scope

Hydraulic power transfer units move energy between hydraulic systems without a direct fluid connection, and they are used on aircraft where redundancy and independence of systems matter. This document provides the general specifications for hydraulic power transfer units in the aerospace field, covering the unit as a product type.

Aerospace equipment manufacturers, airframe and systems integrators, procurement specialists and test laboratories are the likely users. It can serve as a common basis when a purchaser sets technical expectations for a supplier and when evaluating a unit's conformity. The standard is a recommended national standard that adopts an international standard. It was issued on 28 August 2026 and takes effect on 1 March 2027. Because such a unit couples two systems only through power transfer, a general specification gives designers and buyers a consistent starting point for detailed programme requirements.