

ICS 29.160.30

CCS K26



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

GB/T 48180-2026

Technical specification for canned motor of chemical industry

化工用屏蔽电动机技术规范

(English Translation)

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Foreword

GB/T 48180-2026 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.

It is under the responsibility of the China Electrical Equipment Industry Association.

Classification: ICS 29.160.30; CCS K26.

1 Scope

Canned motors have the stator and rotor sealed off from the process fluid, which allows pumps to run without a dynamic shaft seal. They are therefore used in chemical plants handling hazardous or valuable liquids. This document is a technical specification for canned motors for the chemical industry.

Motor and pump manufacturers can use it to define product requirements, and chemical plant owners, engineering contractors and procurement departments may cite it when specifying equipment. Test and inspection bodies can refer to it when assessing a motor against its specification.

As a recommended national standard (GB/T), it is voluntary unless required by a contract or another rule. It was issued on 28 August 2026 and takes effect on 1 March 2027. The technical provisions, such as performance, construction and tests, are found in the full text and are not summarised here.