



**International
Standard**

ISO 18483

**Performance rating of centrifugal
refrigerant compressor**

*Détermination des performances des compresseurs frigorifiques
centrifuges*

**First edition
2025-04**

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

ISO 18483:2025

<https://standards.itih.ai/catalog/standards/iso/72cbb22b-e032-4e61-bfb5-9284ae5dce17/iso-18483-2025>

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO 18483:2025

<https://standards.iteh.ai/catalog/standards/iso/72cbb22b-e032-4c61-bfb5-9284ae5dce17/iso-18483-2025>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Rating requirements	3
4.1 General requirements	3
4.2 Rating methods.....	4
4.3 Rating conditions	4
4.4 Power supply requirements.....	5
5 Published rating	5
5.1 Reference rating.....	5
5.2 Performance data.....	5
5.3 Application envelope.....	5
5.4 Published data.....	6
5.5 Tolerance.....	6
6 Marking provisions	8
Annex A (informative) Example for the performance data	9
Bibliography	10

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

[ISO 18483:2025](https://standards.itih.ai/catalog/standards/iso/72cbb22b-e032-4c61-bfb5-9284ae5dce17/iso-18483-2025)

<https://standards.itih.ai/catalog/standards/iso/72cbb22b-e032-4c61-bfb5-9284ae5dce17/iso-18483-2025>