
**Aerospace — Airframe rolling bearings: ball
and spherical roller bearings — Technical
specification**

*Aéronautique et espace — Roulement pour structures d'aéronefs:
roulements à billes et à rotule — Spécifications techniques*



Contents	Page
1 Scope	1
2 Normative references	1
3 Definitions	3
4 Symbols	4
5 Characteristics, requirements, inspections and test methods	5
6 Quality assurance	7
6.1 Approval of manufacturer	7
6.2 Product qualification	8
7 Acceptance conditions	9
7.1 Manufacturer's responsibility	9
7.2 Customer quality control	9
8 Packaging	10
9 Certificate of conformity	11
Annex A (normative) Dimensional stability test	12
Annex B (normative) Retention test for self-aligning bearing seals and shields	13
Annex C (normative) Verification of internal clearances of assembled bearing	15
Annex D (normative) Test on the running behaviour of the bearings and on retention of seals and shields at the limit temperatures	21
Annex E (normative) Verification of running accuracy of assembled bearing	22
Annex F (normative) Verification of permissible and ultimate static loads	26
Annex G (normative) Starting torque at zero load test	30
Annex H (normative) Greases for airframe bearings	32

© ISO 1998

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet central@iso.ch
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland