

ISO 15243:2004-02 (E)

Rolling bearings - Damage and failures - Terms, characteristics and causes

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Classification of failure modes occurring in rolling bearings	1
5	Failure modes	3
5.1	Fatigue	3
5.2	Wear	4
5.3	Corrosion	6
5.4	Electrical erosion	8
5.5	Plastic deformation	11
5.6	Fracture and cracking	13
Annex A (informative) Failure analysis -- Illustrations of damage -- Terms		16
Bibliography		41