

ISO 21433:2018 (E)

Plain bearings — Handling of plain bearings

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Storage and transportation
4.1	General
4.2	Storage and transportation by packing
4.2.1	General
4.2.2	Purpose of packing
4.2.3	Packing method
4.2.4	Packing material
4.2.5	Unpacking
4.3	Storage and transportation in containers
4.3.1	General
4.3.2	Purpose of storage and transportation in containers
4.3.3	Points to notice at storage and transportation
4.3.4	Other methods of storage and transportation
4.3.5	Attachment of test and quality certificate
4.4	Selection of rust inhibitors and cleaning agents
4.5	Storage environment
4.5.1	Warehouse or storage room
4.5.2	Ambient temperature of storage room
4.5.3	Environmental humidity for storage room
4.5.4	First-in first-out
4.6	Handling
4.7	Documentation
5	Method of installation of plain bearings
5.1	Points to consider during plain bearings installation
5.1.1	Plain bearings
5.1.2	Housing
5.1.3	Press-fit method
5.1.4	Screw –fixing method
5.1.5	Keyed joint method
5.1.6	Retaining ring fixing method
5.1.7	Shrink fitting by cooling
5.1.8	Shrink fitting by heating
5.1.9	Points to notice during installation of plain bearings
5.1.10	Points to notice after installation of plain bearings
5.2	Mating shaft and assembly inspection
5.2.1	Mating shaft
5.2.2	Installation of shaft
5.2.3	Check of operation
6	Operation
6.1	Cleaning (flushing) of lubrication system
6.2	Running-in
6.3	Supervision during operation
6.3.1	Control and check items

6.3.2 Record

7 Replacement of plain bearings

7.1 General

7.2 Dismounting of plain bearings

7.3 Replacement by new plain bearings

Page count: 9