

DIN ISO 7146-2:2015-12 (E)

Plain bearings - Appearance and characterization of damage to metallic hydrodynamic bearings - Part 2: Cavitation erosion and its countermeasures (ISO 7146-2:2008)

Contents		Page
National foreword		3
National Annex NA (informative) Bibliography		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Cavitation erosion	7
4.1	Mechanism of cavitation erosion	7
4.2	Classification of cavitation erosion	9
4.3	General countermeasures against cavitation erosion	12
5	Five types of cavitation erosion	13
5.1	General	13
5.2	Flow cavitation erosion	13
5.3	Impact cavitation erosion	16
5.4	Suction cavitation erosion	17
5.5	Discharge cavitation erosion	19
5.6	Miscellaneous cavitation erosion (see Figures 17 to 20)	20