



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : PGD 13 (24945)

Date : 22 February 2024

TECHNICAL COMMITTEE : Bearing, PGD 13

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Bearing Sectional Committee, PGD 13. Please [click here](#) to view the document.

Document Number : PGD 13 (24945) WC

Title of the document : Mechanical Vibration Vibration of Rotating Machinery Equipped with Active Magnetic Bearings Part 5 Touch Down Bearings

Document Type : New Indian Standard

This document has following salient features which may require specific attention for your valuable comments:

1) This document gives guidelines for identifying: The typical architectures of touch-down bearing systems to show which components are likely to comprise such systems and which functions these components provide, The functional requirements for touch-down bearing systems so that clear performance targets can be set; Elements to be considered in the design of the dynamic system such that rotordynamic performance can be optimized, both for touch-down bearings and active magnetic bearings (AMBs); The environmental factors that have significant impact on touch-down bearing system performance allowing optimization of overall machine design; The AMB operational conditions that can give rise to contact within the touch-down bearing system so that such events can be considered as part of an overall machine design. It also considers failure modes within the AMB system that can give rise to a contact event. This ensures that the specification of the touch-down bearings covers all operation etc.

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 22 April 2024

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at pgd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(ITS ADMIN)
Head (Production and General Engineering Department)
Email: pgd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : PGD 13 (24945)

दिनांक : 22-02-2024

तकनीकी समिति : Bearing Sectional Committee, PGD 13

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : PGD 13 (24945) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 22 April 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,
विभाग प्रमुख का नाम : ITS ADMIN
(Production and General Engineering Department)
ई-मेल : pgd@bis.gov.in