

ISO 12131-2:2001-04 (E)

Plain bearings - Hydrodynamic plain thrust pad bearings under steady-state conditions - Part 2: Functions for the calculation of thrust pad bearings

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative reference	1
3	Functions for the thrust pad bearing	2
3.1	Characteristic value of load carrying capacity * BF as a function of the relative bearing length B/L and the relative minimum lubricant film thickness hmin / Cwed	2
3.2	Characteristic value of friction for thrust pad bearings * Bf as a function of the relative bearing width B/L and the relative minimum lubricant film thickness hmin / Cwed	4
3.3	Relative lubricant flow rates * 1Q and * 3Q as a function of the relative bearing width B/L and the relative minimum lubricant film thickness hmin / Cwed	6
4	Effective dynamic viscosity of the lubricant Deff as a function of the effective lubricant film temperature Teff	9
Bibliography		11