

ISO 7902-3:2026-05 (E)

Hydrodynamic plain journal bearings under steady-state conditions - Circular cylindrical bearings - Part 3: Permissible operational parameters

Contents		Page
Foreword	.....	iv
Introduction	.....	v
1 Scope	.....	1
2 Normative references	.....	1
3 Terms and definitions	.....	1
4 Symbols and units	.....	1
5 Operational parameters to avoid wear	.....	2
5.1 Minimum permissible lubrication film thickness	.....	2
5.2 Effective waviness and maximum permissible effective waviness	.....	2
6 Operational parameters to avoid excessive mechanical loading	.....	6
7 Operational parameters to avoid excessive thermal loading	.....	7
8 Operational parameters for the bearing clearance	.....	8
Bibliography	.....	9