ISO/TR 21784:2018-09 (E)

Plain bearings - Spray nozzle type directed lubrication for tilting pad bearings

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Symbols and abbreviated terms 1

5 Reduction effect of power loss by spray nozzle type directed lubrication systems 2

6 Lubrication system 4
6.1 Tilting pad thrust bearing 4
6.2 Tilting pad journal bearing 5

7 Oil supply system of spray nozzle type directed lubrication 6
7.1 General 6
7.2 Tilting pad thrust bearing 6
7.3 Tilting pad journal bearing 7
7.4 Oil flow 7
7.5 Oil supply pressure 8

8 Structure of oil inlet and outlet (drainage) on nozzle type directed lubrication 8
8.1 Tilting pad thrust bearing 8
8.2 Tilting pad journal bearing 10

Bibliography 12