

DIN ISO 15242-4:2014-06 (E)

Rolling bearings - Measuring methods for vibration - Part 4: Radial cylindrical roller bearings with cylindrical bore and outside surface (ISO 15242-4:2007)

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	Measurement process	7
4.1	Speed of rotation	7
4.2	Bearing radial and axial loads	7
5	Measurement and evaluation methods	8
5.1	Physical quantity measured	8
5.2	Frequency range	8
5.3	Peak measurement	8
5.4	Testing sequence	8
6	Conditions for measurement	9
6.1	Bearing conditions for measurement	9
6.2	Conditions of the test environment	9
6.3	Conditions for the test device	9
6.4	Requirements for the operator	13
Annex A (normative) Measurement of external radial loading alignment		14
Annex B (normative) Measurement of external axial loading alignment		15