

ISO 22883:2004-07 (E)

Castors and wheels - Requirements for applications up to 1,1 m/s (4 km/h)

Contents		Page
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Dimensions and classification	1
4.1	Characteristics	1
4.2	Fixing system	1
4.3	Offset	8
4.4	Wheels	9
4.5	Load capacity	12
5	Requirements for testing	12
5.1	General	12
5.2	Standard conditions	12
5.3	Initial wheel play	13
5.4	Initial swivel play	14
5.5	Electrical resistance test	14
5.6	Fatigue test for braking and/or locking device	15
5.7	Efficiency check of wheel braking and/or locking device	15
5.8	Efficiency check of swivel braking and/or locking device	16
5.9	Static test	17
5.10	Dynamic test	17
5.11	Efficiency check of wheel braking and/or locking device	18
5.12	Efficiency check of swivel braking and/or locking device	18
5.13	Final wheel play	18
5.14	Final swivel play	18
6	Conformity	19
7	Marking of the product	19
7.1	Product marking	19
7.2	Marking of electrically conductive or antistatic castors or wheels	19
	Bibliography	20