

DIN EN 1983:2013-12 (E)

Industrial valves - Steel ball valves

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Requirements	6
4.1	Design	6
4.1.1	General	6
4.1.2	Materials	10
4.1.3	Pressure/temperature ratings	10
4.1.4	Dimensions	10
4.1.5	Operation	11
4.2	Functional characteristics	11
4.2.1	Shell design strength	11
4.2.2	Flow characteristics	11
4.2.3	Seat tightness	11
4.2.4	Sizing the operating element	12
5	Test procedures	12
6	Declaration of compliance	12
7	Designation	12
8	Marking and preparation for storage and transportation	12
8.1	Marking	12
8.2	Supplementary marking	13
8.3	Omission of body marking	13
8.4	Preparation for storage and transportation	13
Annex A (normative) Anti-static design		14
Annex B (informative) Information to be supplied by the purchaser		15
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 97/23/EC (PED)		16
Bibliography		17