ISO 6621-1:2018-02 (E)

Internal combustion engines - Piston rings - Part 1: Vocabulary

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Pistonringclassification 5

5 Piston ring types 6
5.1 Cross-section configuration 6
5.2 Peripheral surface configuration 7
5.3 Edge configuration 9
5.4 Coated, plated and nitrided surfaces configuration 10
5.5 Joint configuration 11

6 Piston ring nomenclature 11
6.1 Free (unstressed) ring 11
6.2 Closed ring 11
6.3 Assembled ring in closed condition 12
6.4 Edges, surfaces and faces 13
6.5 Chamfered edges 14
6.6 Scraper ring 14
6.7 Oil control ring 15

Annex A (informative) List of equivalent terms in English, French, Russian, German, Spanish, Portuguese, Italian, Japanese and Chinese 17

Bibliography 33