DIN EN ISO 1179-4:2008-08 (E)

Connections for general use and fluid power - Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing - Part 4: Stud ends for general use only with metal-to-metal sealing (type B) (ISO 1179-4:2007)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Dimensions 6

5 Requirements 6
5.1 Working pressure 6
5.2 Performance 6

6 Metal-to-metal sealing 6

7 Test methods 6
7.1 Burst pressure test (failure pressure test) 6
7.1.1 Principle 6
7.1.2 Materials -- Test block and stud ends 6
7.1.3 Procedure 6
7.2 Cyclic endurance (impulse) test 7
7.2.1 Principle 7
7.2.2 Materials 7
7.2.3 Procedure 7
7.3 Test report 7
7.4 Re-use of components 7

8 Designation of stud ends 7

9 Identification statement (reference to this part of ISO 1179) 8

Annex A (normative) Test data form for ISO 1179-1 port and ISO 1179-4 stud ends 11

Bibliography 12