ISO 6953-2:2015-03 (E)

Pneumatic fluid power - Compressed air pressure regulators and filter-regulators - Part 2: Test methods to dete rmine the main characteristics to be included in literature from suppliers

Contents

Page

ISO 6953-2:2015(E) operated pressure regulators 10

10.1.1 Test installation 10
10.1.2 Test procedures 11
10.1.3 Calculation of characteristics 11
10.2 Optional resolution test for pilot-operated regulator with air bleed 13
10.2.1 General 13
10.2.2 Test installation 13
10.2.3 Test procedures 13
10.2.4 Calculation of characteristics 14
10.3 Optional repeatability test 15
10.3.1 General 15
10.3.2 Test installation 15
10.3.3 General test method 16
10.3.4 Calculation of the repeatability value 16

11 Presentation of data 16
11.1 Flow-pressure characteristics 16
11.2 Pressure regulation characteristics 16
11.3 Maximum air consumption for pilot operated regulators with air bleed 16
11.4 Additional characteristics for pilot operated pressure regulators 17
11.5 Optional data 17

Annex A (informative) Comparison of repeatability test methods 18

Bibliography 35