

ISO 6953-3:2012-08 (E)

Pneumatic fluid power - Compressed air pressure regulators and filter-regulators - Part 3: Alternative test methods for measuring the flow-rate characteristics of pressure regulators

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols and units	2
5	Test installation	2
5.1	Test circuit	2
5.2	General requirements	3
5.3	Isothermal tank (items 4 and 5)	4
5.4	Special requirements	4
6	Test procedures	5
6.1	Test conditions	5
6.2	Measuring procedures	5
6.3	Calculation of characteristics	8
7	Presentation of test results	11
8	Identification statement	11
Annex A (informative) Examples of test results		12
Annex B (informative) Various data processing methods		28
Annex C (informative) Visualization of data processing procedures		37
Annex D (informative) Illustrations of overshoot and undershoot on regulated pressure response and large variations on inlet pressure		40
Bibliography		45