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BS EN 837-1:1998 Pressure gauges. Bourdon tube pressure gauge - Part 1: Dimensions metrology requirements and testing

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Abbreviation

BS EN 837-1:1998

Valid from

15/03/1998

Information provider

Standards New Zealand

Author

British Standards Institution, European Standardization Organisations

Information type

British Standard

Format

PDF

Cited By

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Description

This European Standard specifies requirements for Bourdon tube indicating pressure gauges and combined vacuum and pressure gauges (compound gauges), with circular, spiral or coiled forms, from 40 to 250 nominal size, and with ranges up to 1600 bar, for the measurement of gauge pressure.

Scope

Gauges specified have circular dials with concentric scales for industrial and test use. The standard includes methods of test for performance to be applied at type approval and production piece tests.

The standard applies to gauges suitable for industrial use with common industrial fluids. It also applies to liquid-filled gauges, gauges for high pressure gases and gauges for use with oxygen and acetylene. It does not apply to pressure gauges with electrical contacts. Pressure gauges for welding, cutting and associated processes are not included in this standard, but are specified in BS EN 562.

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