

Bourdon Tube Pressure Gauges

Bayonet Ring Case Stainless Steel

RCh 40
RChG 40

Standard Versions

Information on general and metrological features (load limits / temperature limitations) and standard pressure ranges / scale divisions can be found in model overview 1000.

Genauigkeit (EN 837-1)

Class 1.6

Class 2.5 for pressure ranges 0-600 bar
(0-10,000 psi)

Case

Bayonet ring, 1.4301 (304 stainless steel)

Case Protection Type (EN 60 529 / IEC 529)

IP 54,

IP 65 for model RChG

Case Ventilation

for model RCh

ventilation bore at the bottom of the case coverage (Ø 1 mm / 0.04")

for model RChG

without ventilation, but with internal pressure compensation by pressure equalizing membrane for pressure ranges up to 0-16 bar (0-200 psi)

Gehäusefüllung

for model RChG: glycerine

Nominal Case Size

40 (mm) (1½")

Wetted Parts

Connection: 1.4571 (316 stainless steel)

Bourdon Tube: 1.4571 (316 stainless steel),
argon arc welding,
≤ 100 bar (1,500 psi) c-form,
≥ 160 bar (2,000 psi) helical

Case Configuration

Connection: screwed

Position of the connection: bottom connection,
optional centre back connection (rm)

Mounting device: without, optional front flange for
panel mounting (Fr) or u-clamp for
panel mounting (BFr), see page 2

Pressure Ranges (EN 837-1)

0-1 bar (0-15 psi) to 0-600 bar (0-10,000 psi)

Process Connection

½" NPT

Window

Polycarbonate

Movement

Stainless steel

Dial

Aluminum, black figures, white background

Pointer

Aluminum, black



Ordering Information, Standard Pressure Ranges, Options:

see pages 3 and 4

Special Versions and further options among others

- Other process connections upon request
- Other pressure ranges and / or special scales, e.g. double scale bar/psi, coloured fields or areas, dial inscriptions, negative scale etc.
- Case parts 1.4404 (316 L stainless steel) upon request
- Increased case protection type, e. g. IP 65 without case filling, upon request
- Other case fillings upon request
- Versions for medium temperatures up to 300 °C (572 °F), but without case filling upon request
- Position of connection radial at 3 o'clock, 9 o'clock or 12 o'clock (others upon request) or other than vertical installation (90°):
 - for models without case filling and for filled models with pressure equalizing membrane;
 - for filled models without pressure equalizing membrane upon request
- GOST-version for Russia, Ukraine, Kazakhstan

Accessory:

Chemical seals: see catalogue-heading 7
Other accessory: see catalogue-heading 11



Sales and Export South, West, North

ARMATURENBAU GmbH

Manometerstraße 5 • D-46487 Wesel - Ginderich
Tel.: +49 (0)28 03/91 30-0 • Fax: +49 (0)28 03/10 35
armaturenbau.com • mail@armaturenbau.com

Subsidiary Company, Sales and Export East

MANOTHERM Beierfeld GmbH

Am Gewerbepark 9 • D-08344 Grünhain-Beierfeld
Tel.: +49 (0)37 74/58-0 • Fax: +49 (0)37 74/58-545
manotherm.com • mail@manotherm.com

1220

11/09

