Date: 24/04/2023

232.50.100 16 bar Diaphragm Seal lower back mount

Bourdon Tube Pressure Gauges, Stainless Steel

Item number: 48794477

Quantity: 1 pcs.

Order code: DSS1-MS990.53-123X50-DZZZD-C7S65ZJ2-3ZAZZZZZ WAZ-Z
LABEL-PG1DE-ZZZZZ- ZZZZZ
232.50-E-BG416Z-CA-3ZHZAZZ-ZZZZZZZ 213D311IXX0 Z2Z-IZZZZZZ12ZZZ
H990.53-II151C2C2AZ064ZZZ Z
CERT31-EG41-BB-KD-AB- - - - - - - - -

Overview: 232.50.100 16 bar Diaphragm Seal lower back mount
Measuring System 316L Version 1 small volume (for diaphragm seals)
Ingress protection: IP 65
class 1.0
Window: laminated safety glass
adjustable pointer
Pressure Gauge Standard: International (standard Europe)
WIKA
with Serial number

Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Direct assembly
System fill fluid: KN 92 Medicinal white mineral oil; for pharmaceutical and food applications; FDA, USP, EP
Process temperature min.: + 10°C
Process temperature max.: + 80°C; for sterilisation (SIP) max. + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C

Diaphragm seal for hygienic applications
Clamp following ISO 2852
Model 990.53 DN 51 (pipe dimensions 51 x 1.2)
pipe standard: Pipe dimensions per ISO 2037 or BS 4825 part 1
Upper body material / main body material: Stainless steel 1.4435 (316L); UNS S31603
Diaphragm material: Stainless steel 1.4435 (316L); UNS S31603
Surface roughness wetted parts, welding seam excluded: Ra ≤ 0,76 µm (Ra 0.30 µin.) according to ASME BPE SF3
Clamp diameter: 64.0 mm

Certificate type: Inspection certificate acc. to DIN EN 10204 3.1
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument

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Material certificate: Wetted parts material (metal contents) with mill certificate incl. chemical analysis
Sanitary applications: Ra <0,76 µm surface roughness wetted parts
Accuracy: Calibration values listed

Label: WIKA standard without / with Tag-number

Details:

Bourdon Tube Pressure Gauges, Stainless Steel
Series
Model: 232.50
Specifications according to data sheet: PM 02.02
Measuring system: stainless steel
Case filling: without
Nominal size: 100 mm
Scale range: 0...16 bar
Process connection: Diaphragm Seal
Connector location: lower back mount
Window: laminated safety glass
Pointer: adjustable pointer
Accuracy class: class 1.0
Overpressure safe: standard
Case material: Stainless steel 1.4301
Case surface: bare
Material pressure element: Measuring System 316L
Case filling fluid: prepared for filling
Special measuring element: Version 1 small volume (for diaphragm seals)
Ingress protection: IP 65
Movement: stainless steel
Packaging: single packing
Pressure Gauge Standard: International (standard Europe)
Manufacturer logo: *WIKA*
with Serial number
Diaphragm seal system with 1 diaphragm seal
Assembly specification High-Side: Direct assembly
System fill fluid: KN 92 Medicinal white mineral oil; for pharmaceutical and food applications; FDA, USP, EP
Process temperature min.: + 10°C
Process temperature max.: + 80°C; for sterilisation (SIP) max. + 130°C
Ambient temperature pressure meas. min: + 10°C
Ambient temperature pressure meas. max: + 40°C
Diaphragm seal for hygienic applications
Specifications according to data sheet: DS 99.41
Diaphragm seal: Model 990.53
Process connection type: Clamp following ISO 2852
Process connection: DN 51 (pipe dimensions 51 x 1.2)
pipe standard: Pipe dimensions per ISO 2037 or BS 4825 part 1
Upper body material / main body material: Stainless steel 1.4435 (316L); UNS

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S31603
Diaphragm material: Stainless steel 1.4435 (316L); UNS S31603
Surface roughness wetted parts, welding seam excluded: Ra ≤ 0,76 µm (Ra 0.30 µin.) according to ASME BPE SF3
Clamp diameter: 64.0 mm
Certificate type: Inspection certificate acc. to DIN EN 10204 3.1
Certificate Language: English and German
Certificate for: Diaphragm seal system with pressure measuring instrument
Material certificate: Wetted parts material (metal contents) with mill certificate incl. chemical analysis
Sanitary applications: Ra <0,76 µm surface roughness wetted parts
Accuracy: Calibration values listed

Label: WIKA standard without / with Tag-number

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