

Gageline AG190 | Gageline AG290

Flexible air gauges for inside and outside diameters



Gageline AG290 for highly flexible and automated measurement of outside diameters with six air jets

System features

- Highly flexible adjustment to different workpiece diameters
- Large diameter range
- Quick adjustment and simple handling
- Suitable for prototyping as well as small and large batch production
- Automation solutions possible
- Variable number of air jets depending on the measuring task (two to six per measurement level)
- Number of measurement levels: one to three (more on request)

Pneumatic measuring principle

- Non-contact measurement
- High sensitivity and accuracy
- Extremely robust and dirt resistant
- Suitable for measurement in harsh workshop conditions
- Self-cleaning of measured surfaces

HOMMEL  **ETAMIC**

A member of the JENOPTIK Group

Gageline AG190 | Gageline AG290

Flexible air gauges for inside or outside diameters



Gageline AG290 with six air jets #1

Accessories

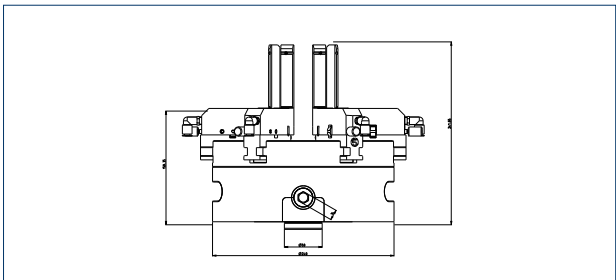
- Torque wrench for 2 to 6 Nm
Art. no. E501410-998
- Set of nozzles for transducer TPE99/1 (7/6 G.75 B7/0)
Art. no. 237500923
- Setting part (Ø according to customer requirements)
Art. no. E501410-500
- Reference standard (see brochure)

Technical data AG190 | AG290

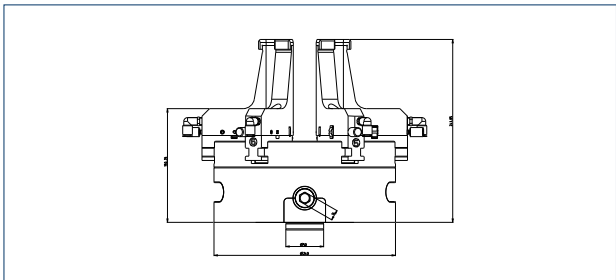
Operating temperature	0 °C to +60 °C
Measuring range	Air jets #1: 80 µm (± 40 µm) Air jets #1.5: 120 µm (±60 µm)
Pneumatic standard combination	Air jets #1: 7/7 G1 A7/0 Air jets #1.5: 7/10 G1.5 A7/51
Repeatability	R&R < 15 % for an IT tolerance ≥ 10 µm
Measuring axis	223 mm from the base plate (others on demand)

Diameter range	Art. no. AG190	Art. no. AG290
Ø 10 – 50 mm	E501407-000	-
Ø 20 – 80 mm	E501408-000	-
Ø 40 – 130 mm	E501409-000	E501412-000

Technical drawings AG190 | AG290



Gageline AG190 for measurement of inside diameters



Gageline AG290 for measurement of outside diameters