

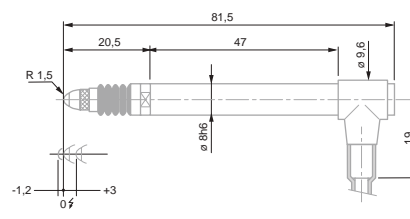
## GT 22 HP High Precision Probe, ± 0,2 mm, 4,3 mm Travel

Universal probe for standard and continuous use applications.

- Very high precision probe suitable for the measurement of gauge blocks.
- 8 mm diameter probe housing. Can be clamped over its entire length.
- Measuring bolt mounted on a ball bearing.
- Both the probe housing and ball-bearing guide are separate from one another, so that the measuring bolt moves easily even if the probe is not clamped appropriately.
- Level of protection IP65 according to IEC 60529.
- Wide range of accessories including measuring inserts, spring sets, etc.
- LVDT probes compatible with measuring equipment from other makers available on request.



GT 22 HP



GT 22 HP

No	Measuring range, mm	Measuring force, nominal*, N	Bolt retraction	Sealing bellows
03230021	GT 22 HP ± 0,2	0,63	Mechanical or vacuum	Nitrile

	Measuring travel, mm	Max. permissible error for deviations in linearity, µm (L in mm)	Repeatability, µm	Hysteresis, µm	Setting of lower stop of the measuring bolt***, mm (factory setting)	Cable output	Data Sheet No.
GT 22 HP	4,3	0,07 + 0,4 · L	0,01	0,01	-2,2 to +0,1 (usine -1,2)	Radial	03200265

\* Electrical zero (N) ± 25 % deviation limit. Valid in vertical mounting position, measuring bolt lowered and in static measuring.

\*\* For an amplitude of 10 % to the last value of the measuring range.

\*\*\* Distance from electrical zero.



DIN 32876 Part 1



See table



Nickel-plated housing. Stainless steel measuring bolt, hardened. Nitrile sealing bellows = resistant elastomer



Fixing shank Ø 8 mm. Measuring bolt guided on ball-bearing. Distance from electrical zero of both stops is either adjustable (downward) or depending on the position of the lower stop (upward). Interchangeable inserts. M2,5 thread. Carbide ball tip Ø 3 mm. 2 m long cable. 5-pin DIN 45322 connector.



Supply frequency: 13 kHz (± 5 %) Max. mechanical frequency\*\*\* 60 Hz.



0,15 µm/°C



20 ± 0,5°C



10°C to 40°C



80 %



Protection level IP65 (IEC 60529)



Mobile weight: 6 g



Transport packaging



Identification number



Inspection report with a declaration of conformity

