

Instrument Datasheet

Manual Single Point Extensometer



DESCRIPTION

The Geomotion manual Single Point Extensometer is a mechanical and robust instrument for monitoring settlements in-ground.

The Single Point Extensometer heave/settlement movement is measured using a vernier gauge at the reference head.

The device can be installed under a flush mounted gatic cover for an discrete installation.

The unit can be customised to length on site with simple hand tools.

Speak to Geomotion today to discuss your requirement. Each unit is manufactured on order!

APPLICATIONS

Used in:

- ✓ Tunnelling
- ✓ Underground mines
- ✓ Open Cut Mines
- ✓ Dams
- ✓ Excavations

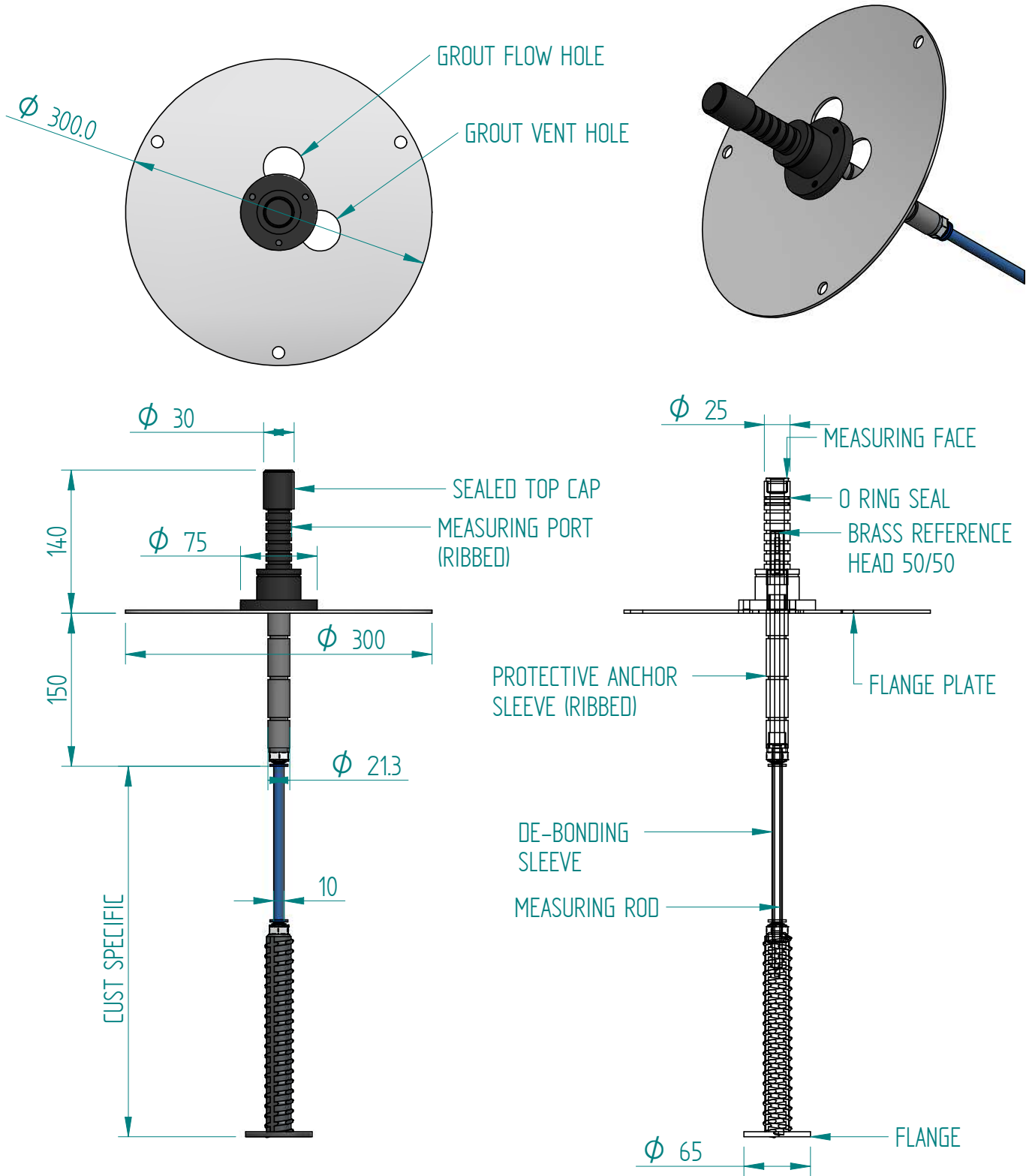
FEATURES

- ✓ Cap for 100mm range and grouting
- ✓ Rigid stainless steel adjustment rod, used to connect the brass head to the anchors
- ✓ Fibreglass rod with protective sleeve
- ✓ 300mm SS flange plate with 50mm circular disc used to suspend the extensometer while the grout sets in the borehole
- ✓ Rebar anchor with 65mm flange to stop slip

BENEFITS

- ✓ Suitable for long-term monitoring
- ✓ No electronic components
- ✓ Rod and anchor does not slip in grout
- ✓ Accurate, repeatable readings

TECHNICAL DRAWING



OPERATION

