Multi-layer inclinometer KB-JG/KB-KG KB-JH/KB-KH

This is the inclinometer for automatic measurement of ground and structure displacement. A dedicated guide pipe is installed in the ground or structure in advance, and multiple inclinometers are connected and fixed in the guide pipe with relay rods so that they are at the measurement position.

KB-JG/-KG models can measure up to 15 levels, and KB-JH/-KH models can measure up to 31 levels. KB-KG/-KH models are dual-axis types, allowing simultaneous measurement in the X and Y directions.

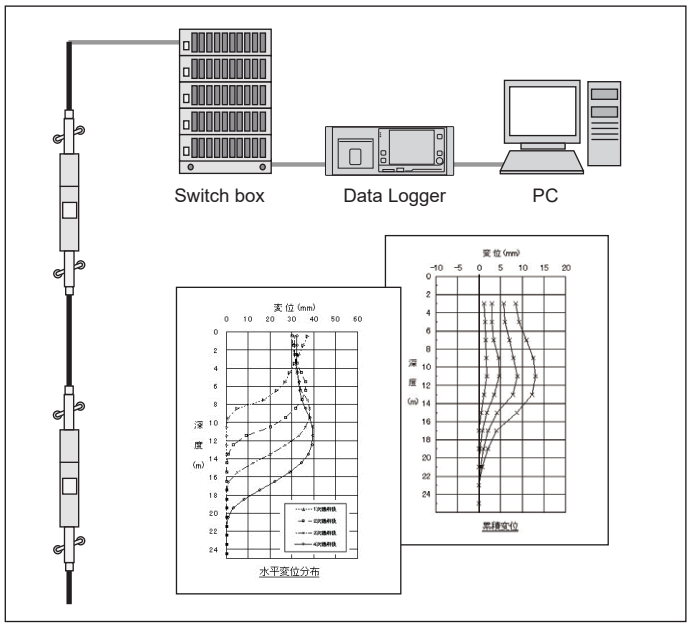
Built-in arresters can also be manufactured.

Features

- **Easy automatic measurement**
- **Up to 31 steps can be measured(KB-JH/KB-KH)**
- **Model KB-KG/KB-KH can measure in X- and Y-direction with a single unit**
- **Excellent reliability**
- **Made of all stainless steel for excellent corrosion resistance**

Protection rating: IP68 equivalent

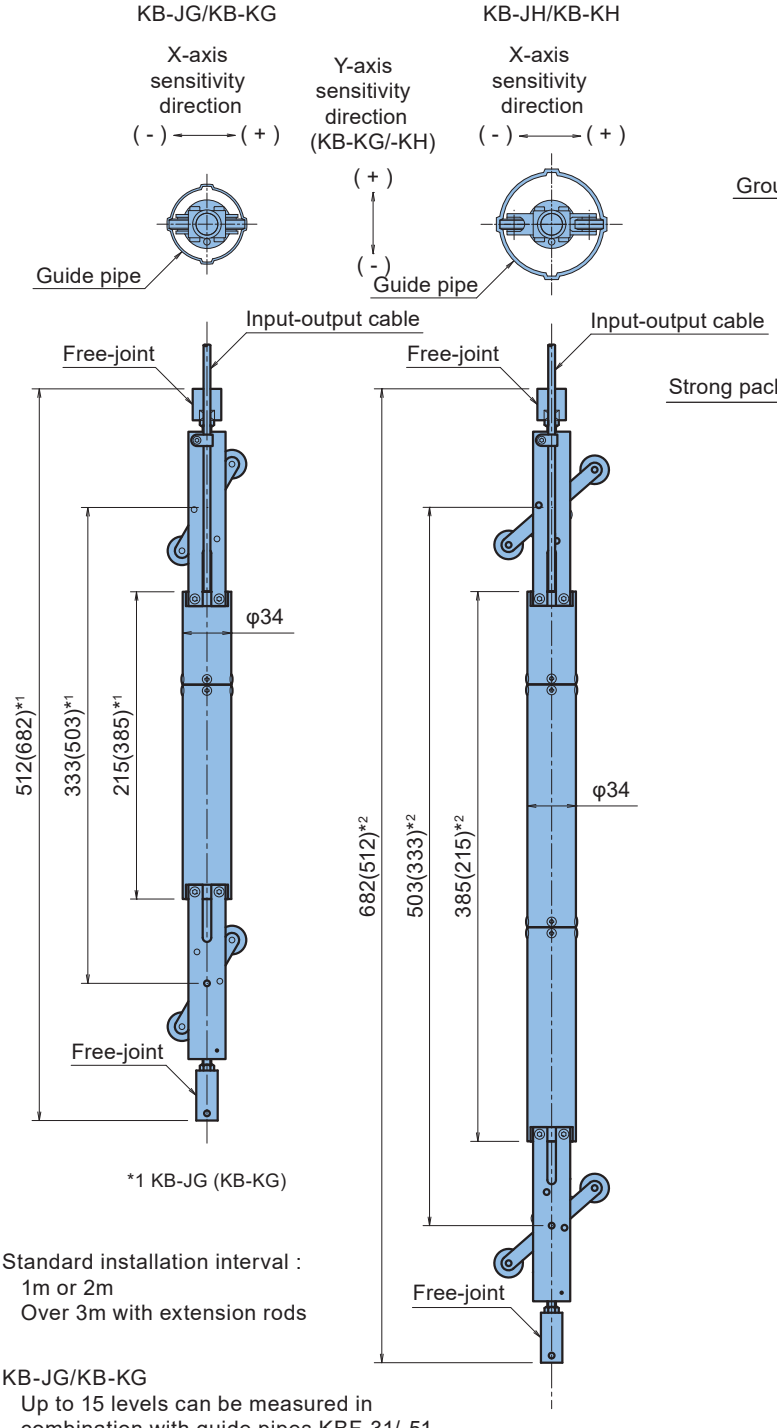
System Block Diagram



Specifications

Type	No. of measuring axis	Capacity	Rated output	Non-linearity	Temperature range
KB-5JG	1 direction	±5°	Approx. 1mV/V (2000x10^{-6} strain)	0.5%RO	-20 to +60°C
KB-10JG		±10°			
KB-5KG	2 directions	±5°			
KB-10KG		±10°			
KB-5JH	1 direction	±5°			
KB-10JH		±10°			
KB-5KH	2 directions	±5°			
KB-10KH		±10°			

External Dimensions



*1 KB-JG (KB-KG)

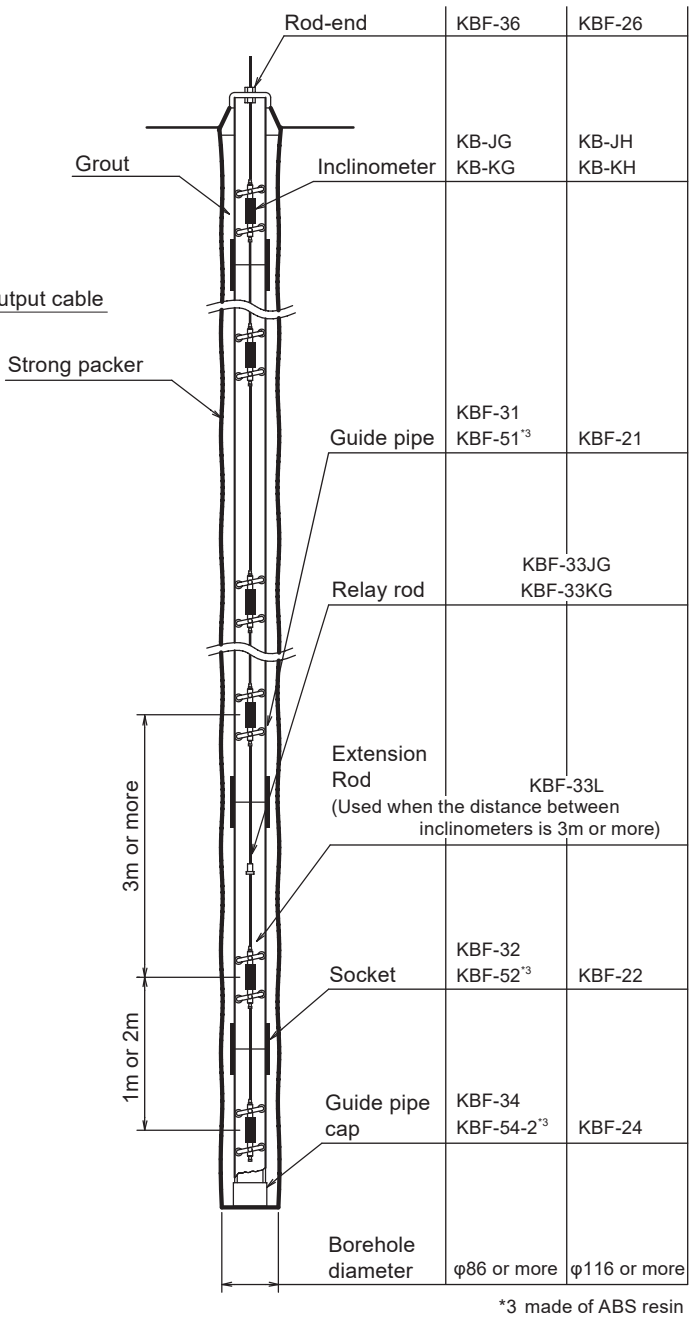
*2 KB-KH (KB-JH)

Standard installation interval :
1m or 2m
Over 3m with extension rods

KB-JG/KB-KG
Up to 15 levels can be measured in combination with guide pipes KBF-31/-51.

KB-JH/KB-KH
Up to 31 levels can be measured in combination with guide pipes KBF-21.

Related products



Rod-end	KBF-36	KBF-26
	KB-JG KB-KG	KB-JH KB-KH
Inclinometer		
Guide pipe	KBF-31 KBF-51*3	KBF-21
Relay rod	KBF-33JG KBF-33KG	
Extension Rod (Used when the distance between inclinometers is 3m or more)	KBF-33L	
Socket	KBF-32 KBF-52*3	KBF-22
Guide pipe cap	KBF-34 KBF-54-2*3	KBF-24
Borehole diameter	φ86 or more	φ116 or more

*3 made of ABS resin

We also offer extension rods, head caps, rivets, riveters, and demountable pliers. Please contact us for details.

Unit : mm

The contents of this catalog are subject to change without prior notice.
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