

DC type inclinometer casings



Description

DC type inclinometer casing is the high-precision casing which the guide grooves inside of inclinometer casing and the connecting parts of the coupling are proceed by a broaching machine.

Both end surface of DC casing is proceeding by CNC turning center, and it is finished by O-ring.

DC casing was designed as snap-in type. So after taking off the protective tube of O-ring, it can be directly inserted. DC casing is possible to install quickly.

ABS bond is unnecessary. And to rivet and to tape is unnecessary because DC casing is waterproof by O-ring.

To improve the waterproof and the strength of connection, ABS solvent bond should be pasted on the connection part of casings.

After DC inclinometer casing is connected each other, it doesn't require riveting, and taping

And there are two types of DC inclinometer casing such as $\varnothing 59\text{mm}$ and $\varnothing 73\text{mm}$ according to internal diameter. And if the big displacement is expected, the telescopic section should be used.

In case of using DC 70, it can be installed with NX drill, and in case of DC 85, $\varnothing 100\text{mm}$ drill should be used to install it.

The length of connecting for DC casing is designed at 1.5m and 3.0m.

Features

- Proceeded casing by CNC lathe machine with high precision and high sincerity
- Two types of cutting length (1.555m and 3.055m)
- Mechanical structure that the coupling is not necessary.
- Available to quick installation.
- Flush type without projection part at the outside diameter
- Simple installation (unnecessary solvent, rivet, and taping)

Specification

Model	DC 70	DC 85	
Casing	ID, OD	$\varnothing 59 \times \varnothing 70\text{mm}$	$\varnothing 73 \times \varnothing 85\text{mm}$
	Groove depth	1.5mm	
	Thickness	5.5mm	6mm
	Weight	3.6kg/3m	4.5kg/3m
	Spiral	Less than $0.3^\circ / 3\text{m}$	
	Connecting length	1.5m / 3m	
	Cutting length	1.555mm / 3.055mm	
	Load test	More than $320\text{kg} \cdot \text{f}$	
	Collapse strength	16bar	13bar
	Operating temperature	$-30 \sim -80^\circ\text{C}$	
Bottom cap	Material	High impact ABS resin	
	Dimensions	$\varnothing 70 \times 64\text{mm}$	$\varnothing 85 \times 64\text{mm}$
	Weight	70g	100g
Top cap	Material	High impact ABS resin	
	Weight	36g	46g
Telescopic section	Expendable length	150mm	
	Material	High impact ABS resin	
	Dimensions	$\varnothing 75 \times 400\text{mm}$	$\varnothing 90 \times 400\text{mm}$
	Weight	0.6kg	1.0kg
Accessories	Protection cap 2nos		

Component

- Pipe chain clamp
- Spring anchor
 - RCA-70 : for $\varnothing 70\text{mm}$ casing
 - RCA-85 : for $\varnothing 85\text{mm}$ casing
- Casing connection tool
 - RCT-70 : for $\varnothing 70\text{mm}$ casing
 - RCT-85 : for $\varnothing 85\text{mm}$ casing

Keeping

Direct sunlight and heat can be caused of twist of ABS casing, so it should be stored in bows during transport and before installation.

Also it should be kept flat and horizontally supported during long term storage in filed.

Package

DC 70, DC 85 casings are packed 12pcs in a carton box.