

C-Range - Plastic caps



FREYSSINET
SUSTAINABLE TECHNOLOGY

- Optimal resistance to corrosion
- Maximum injection pressure for cement grout 10 bars
- Easy to handle

Prestressing

Datasheet reference: FT En C III 1 1

General description

The injection caps are, in general, used for:

- The injection of protection products in the duct
- Protection of the extremities of the cable

The plastic caps are resistant to corrosion. Lighter than cast iron caps, their implementation is quick and easy. The plastic caps are intended for single use and should not be reused. The caps are made up of polymer PA + 30%GF+2% carbon black manufactured by injection moulding.

Utilisation

To ensure effective fixing of the plastic cap, the threaded rods must be perpendicular to the bearing surface of the trumplate. Therefore, special attention is required during their installation.

The seal groove is checked and verified before the installation of the seal. The plastic cap is then installed on the trumplate using four threaded rods. A metal plug of size 1/2" is screwed in to the purge vent for the injection operation. It can be replaced by a plastic plug after the grout has cured. The metallic threaded rods and nuts can also be replaced by the plastic rods and nuts after grout cure.

The plastic caps can also be used for the injection of soft protection products such as wax, grease, etc. heated to 130°C maximum. The maximum injection pressure in this case is 5 bar (10 bar for the cement grout).

Characteristics

The plastic caps possess the following characteristics:

- They do not corrode;
- They are not affected by UV rays;
- They are lighter than cast iron caps;
- They resist higher injection pressure (10 bar max. for injection with cement grout).

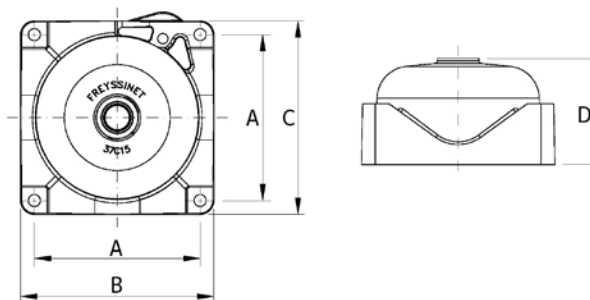
Characteristics



Plastic caps



Arrangement for pressure test



Units	Fixation rod	Dimensional characteristics				Injection vent size
		A	B	C	D	
12C15	M12 x 80 mm	168	220	210	136	1"
13C15	M12 x 80 mm	168	230	220	135	1"
19C15	M12 x 150 mm	208	250	255	150	1½"
22C15	M16 x 180 mm	238	275	290	167	1½"
27C15	M16 x 180 mm	258	290	310	177	1½"
31C15	M16 x 180 mm	268	310	320	182	1½"
37C15	M16 x 180 mm	300	350	350	192	1½"

Local sales contact