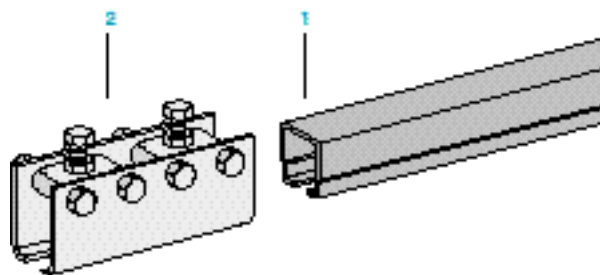


General

The Canalis KXG is a system consisting of a roller track mounting rail and cable carriers, intended to feed portable electric units (tools, control stations, etc) or hoisting and material handling machines (monorails, pulleys, travelling cranes, etc). The maximum translational movement speed of the cable carriers is 60 m/min on a straight run. The cable, not supplied, can be either flat or round, always flexible (class 5 core). Its definition depends on the environment and duty conditions (consult your cable manufacturer). The more the speed increases, the shorter the loop height. The KXG can be installed outside.

Mounting rails



Guide and support the cable carriers. These rails form the structure of this run and consist of :

- 1 Mounting rail : 2 mm thick casing of galvanized sheet steel
- 2 Junction ensuring the mechanical linkage between 2 rails (to be ordered separately)

2 types of rail are available:

p Straight mounting rail

Supplied in 3m lengths, it can be cut on site to adjust to the length of a run.

p Curved mounting rail

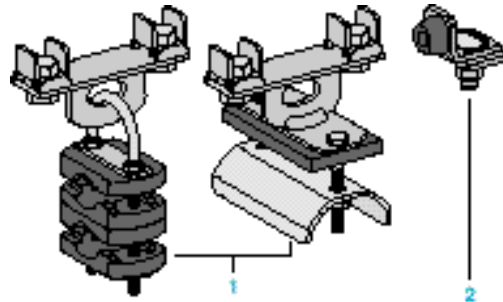
Custom-built, in several sections for large installations. Its manufacture is associated with :

- the radius and angle,
- the loop height,
- the speed of movement.

For a customized study, please consult your Regional Sales Office.

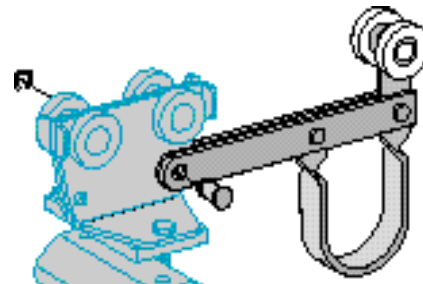
Additional accessories

Cable anchor devices and end stop



- 1 Cable anchor devices
For securing the cable to the mounting rail at the start of the run.
- 2 End stop
For preventing the carriers from coming off the mounting rail at the end of the run. It is equipped with a rubber shock absorber.

Travel mechanism



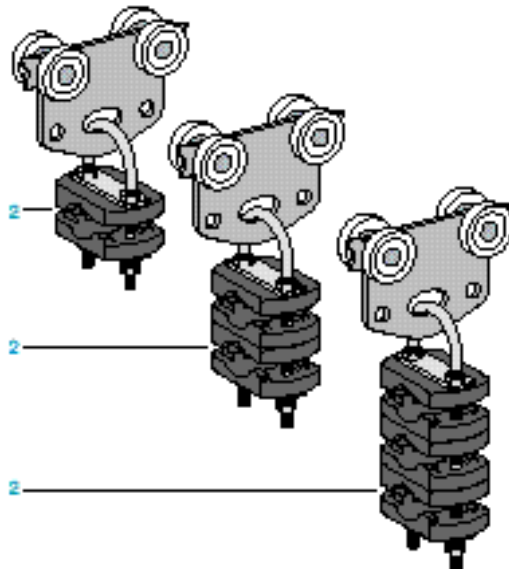
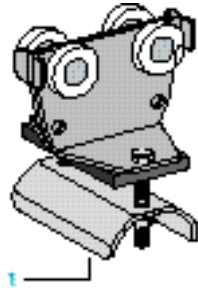
Mechanically linked both to the mobile equipment, and to the last cable carrier, it allows movement along the whole length of the cable(s).

Tool carrier



For the suspension of hand tools. Its design is identical to the cable carrier for round cables. It is fitted with ball bearings. This carrier must be mechanically connected to the last cable carrier.

Cable carriers



To support and provide movement of one or more cables along the KXG run.

The choice of the carriers depends on :

- the type and shape of the cable(s) (round or flat),
- the conditions of use,
- the environmental conditions.

1 Carriers for flat cables

For installation of one or more "looped" cables. The cable(s) are fixed between a plastic coated steel support and a rubber base.

2 Carriers for 1 to 3 round cables

For a mounting type called "oscillatory", which limits :

- constraints on the cable,
- the length of the "parking zone".

These carriers are fitted with either polyamide rollers, or ball bearings:

p The carriers with polyamide rollers are for installations with light operating conditions :

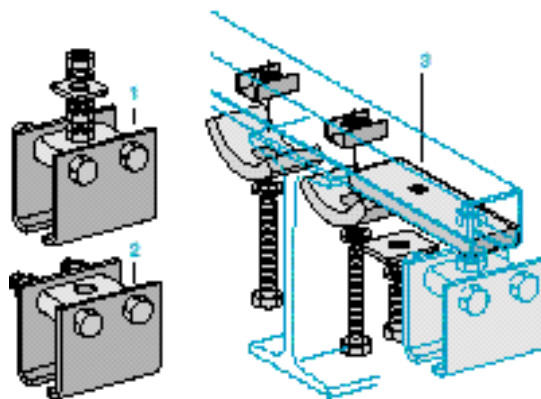
- maximum load (cables) : 8 kg per carrier,
- intermittent service,
- low speed.

Also recommended for difficult environments (fine dust, water, frost, etc).

p The ball bearing carriers are for installations with heavy duty operating conditions :

- maximum load (cables) : 15 kg per carrier,
- sudden starting and stopping,
- high speed.

Fixing brackets



For fixing the run to the building structure. The recommended fixing centre is 1.5 m.

1 Stirrup clamp for suspended fixing
With adjustment screw for levelling.

2 Stirrup clamp for lateral fixing
For fixing Canalis KXG lengths on roof girders, etc.

3 R.S.J. fixing
A kit, which when used with the above mentioned stirrup clamps and a section (or a cutting) of straight mounting rail can be used for installing Canalis KXG on an r.s.j. without welding or drilling.