

ALUMINIUM TWIN TRACK SYSTEM

1.1. STRAIGHT RAIL ALUMINIUM TWIN TRACK V50/105

Description

Airway profile made of extruded 6063 alloy aluminum with T-5 quenching treatment.

Moment of inertia of the double rail track equal to 46.44 cm⁴.

Section of the track designed to allow the rolling of the transport trolleys on it and at the same time facilitate the assembly of the elements necessary to hold it.

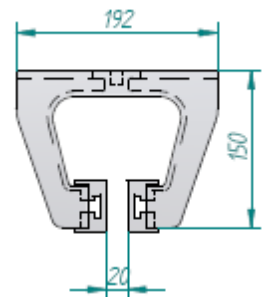
Fastening of the track to the support structure beam by a cast aluminum hanger, whose breaking strength obtained by mechanical testing has a minimum value of 2,240 Kg. Joining elements of the hangers to the support beam made of AISI-304 stainless steel.

AISI-304 stainless steel screws.



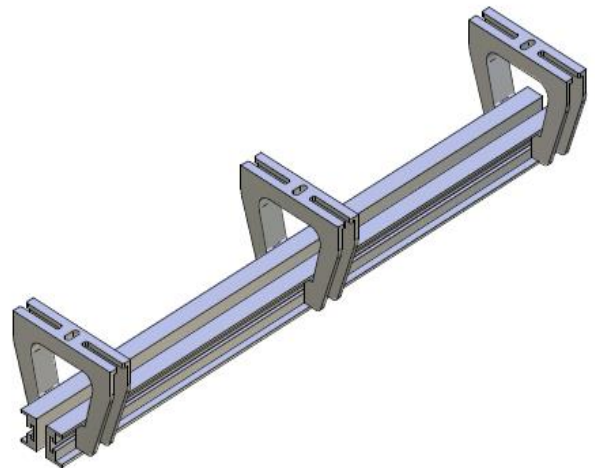
Legal Requirements

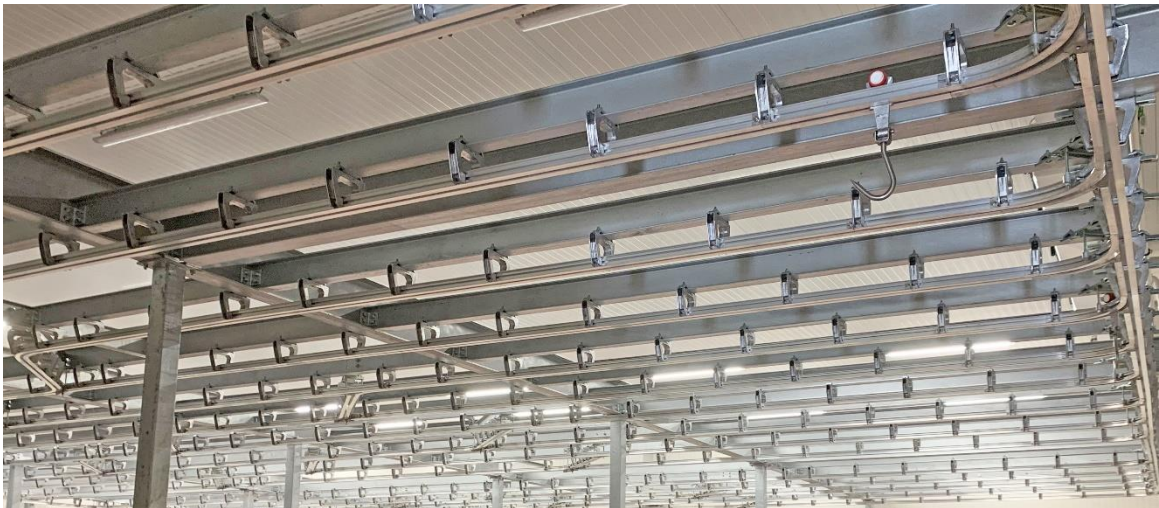
- Screws according to DIN standards
- Dimensional tolerances for track profile according to UNE 30.066.89 / ISO 6362-4
- T-5 quenching treatment of the track profile according to the UNE-EN-755-2: 1998 standard
- Hanger alloy according to UNE 38252 1st review



Voluntary Requirements:

- High resistance to corrosión
- Ease of assembly
- General separation of saddles equal to 600 mm.





1.2. CURVE 90° TRACK 50 HANGER 105

Technical Data

Airway profile made of extruded 6063 alloy aluminum with T-5 quenching treatment.

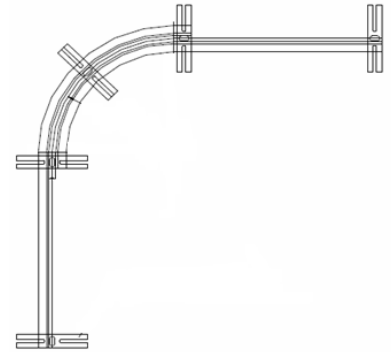
Moment of inertia of the double rail track equal to 46.44 cm⁴

Section of the track designed to allow the rolling of the transport trolley on it and at the same time facilitate the assembly of the elements necessary to hold it.

Fastening of the track to the support structure beam by a cast aluminum hanger, alloy Al-12 Si UNE 38252 1ª R, whose breaking strength obtained by mechanical test has a minimum value of 2,240 Kg.

Joining elements of the hangers to the support beam made of AISI-304 stainless steel.

AISI-304 stainless steel screws.



SWITCH 2 DIRECTIONS TRACK 50 HANGER 105

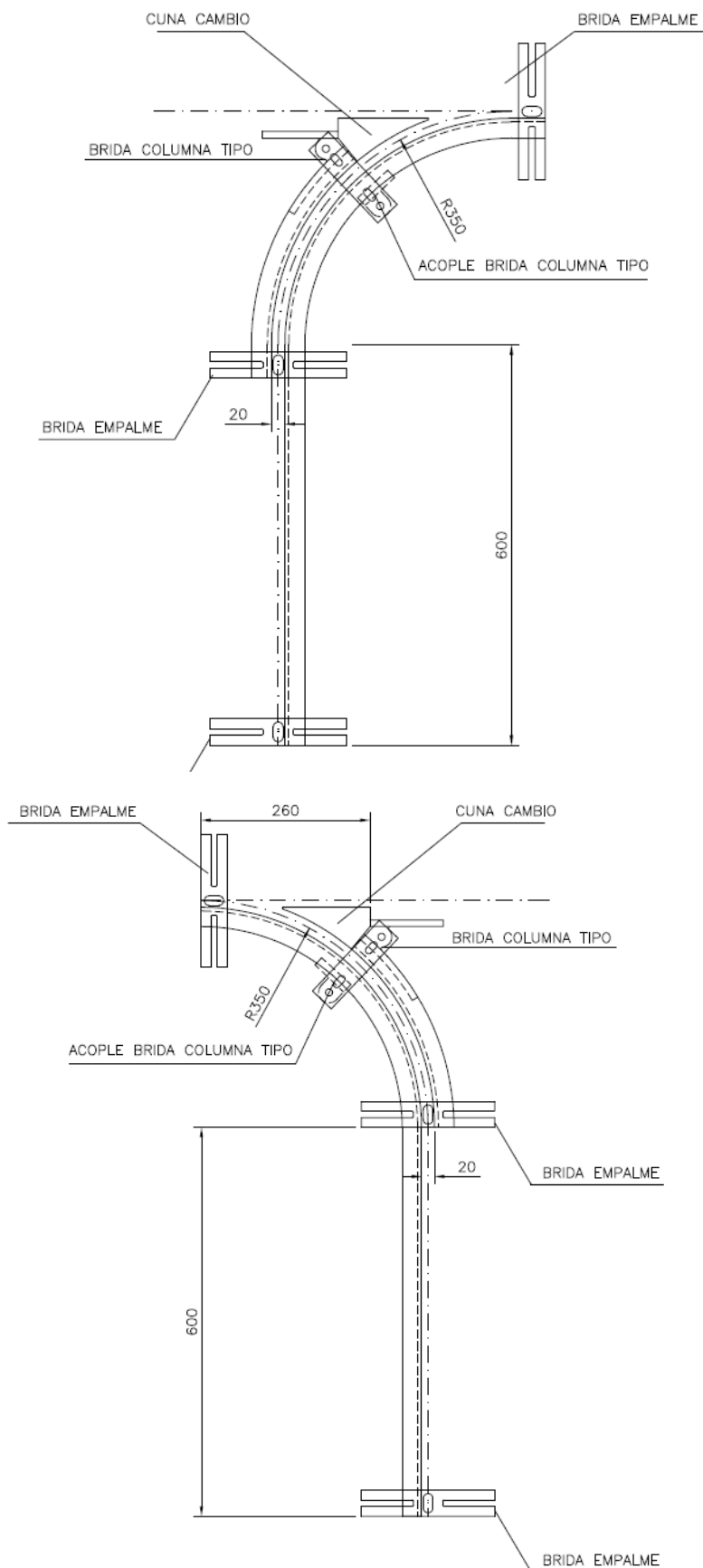
Technical Data:

- Airway profile made of extruded 6063 alloy aluminum with T-5 quenching treatment.
- Moment of inertia of the double rail track equal to 46.44 cm⁴
- Section of the track designed to allow the rolling of the transport trolleys on it and at the same time facilitate the assembly of the elements necessary to hold it.
- Fastening of the track to the support structure beam by a cast aluminum hanger, whose breaking strength obtained by mechanical testing has a minimum value of 2,240 Kg.
- It allows the bifurcation of the overhead network line in two perpendicular directions, to the right or to the left, by means of a wedge-shaped piece of cast aluminum.
- Joining elements of the hangers to the support beam made of AISI-304 stainless steel.
- AISI-304 stainless steel screws.

Legal Requirements:

- Screws according to DIN standards.
- Hanger alloy according to UNE 38252 1st review
- Dimensional tolerances for track profile according to UNE 30.066.89 / ISO 6362-4
- T-5 tempering treatment of the track profile according to the UNE-EN-755-2: 1998 standard

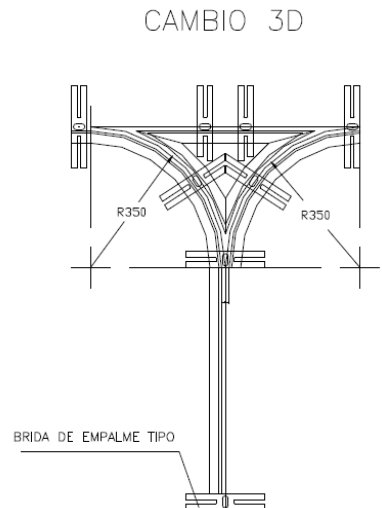




SWITCH 3 DIRECTIONS TRACK 50 HANGER 105

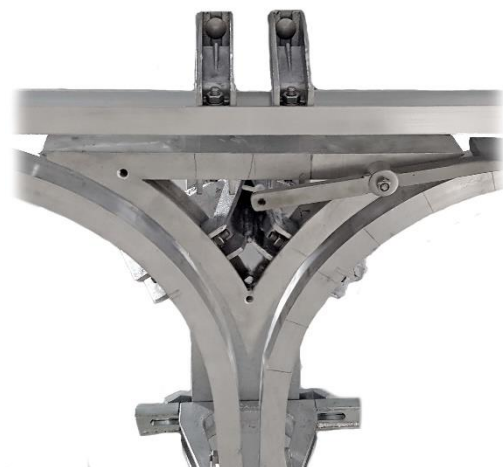
Technical Data

- Airway profile made of extruded 6063 alloy aluminum with T-5 quenching treatment.
- Moment of inertia of the double rail track equal to 46.44 cm⁴
- Section of the track designed to allow the rolling of the transport trolleys on it and at the same time facilitate the assembly of the elements necessary to hold it.
- Fastening of the track to the support structure beam by a cast aluminum hanger, whose breaking strength obtained by mechanical testing has a minimum value of 2,240 Kg.
- It allows the bifurcation of the overhead network line in three perpendicular directions, regardless of the direction from which the gearbox is entered through a wedge-shaped piece made entirely of aluminum track profile.
- Joining elements of the hangers to the support beam made of AISI-304 stainless steel.
- AISI-304 stainless steel screws.



Legal Requirements

- Screws according to DIN standards
- Alloy of hangers according to UNE 38252 1st revision
- Dimensional tolerances of the track profile according to the UNE 30.066.89 / ISO 6362-4 standard
- Tratamiento de temple T-5 del perfil de la vía según norma UNE-EN-755-2:1998



TWIN TRACK V50 HANGER 105 MECANOVA MODEL

