



Informazioni

L'apertura del sipario varia da Frontale a Laterale a seconda del posizionamento del Binario

Dimensioni:

- Lunghezza standar NIVOtech

Standard track:

- 6m

Materiale:

- Al Mg Si 05 F22

Tolleranza di misurazione:

- DIN 17615

Momento di inerzia:

- Ly 134 cm⁴

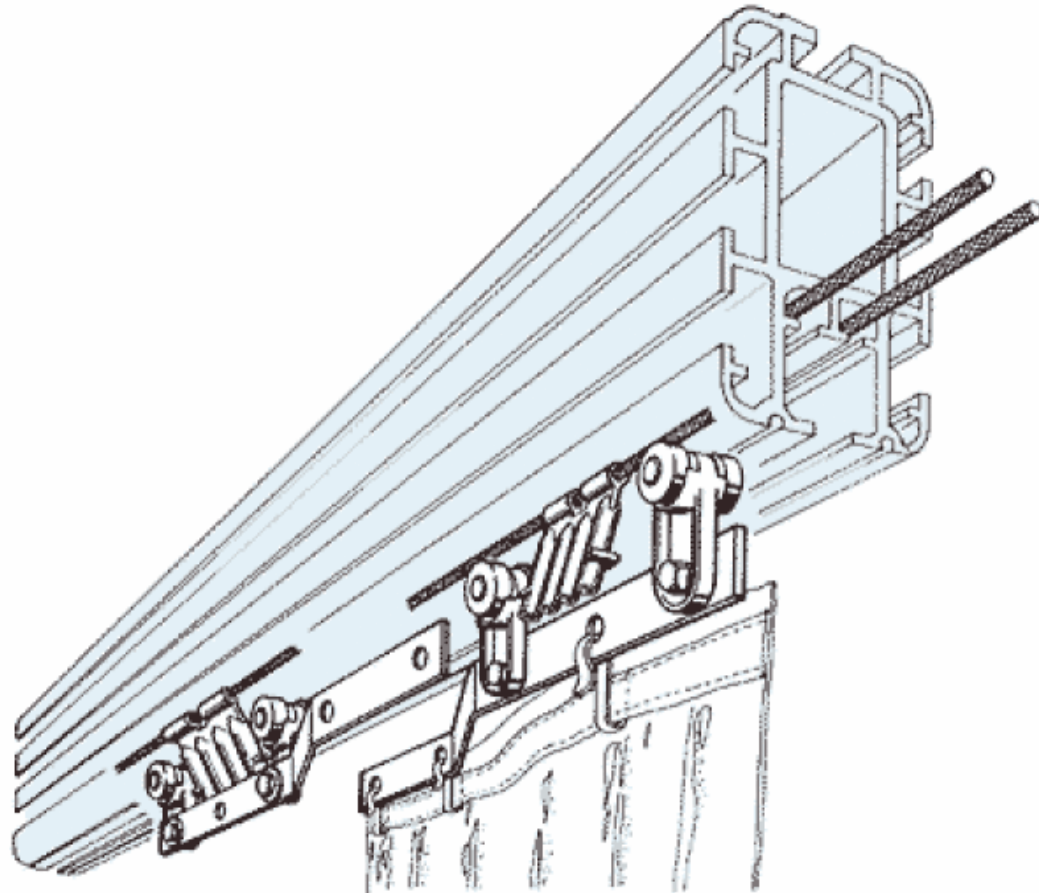
Momento di resistenza:

- Wy 26 cm³

Peso:

- 4 Kg/m

Questi valori sono validi con l'impiego di due appoggi.



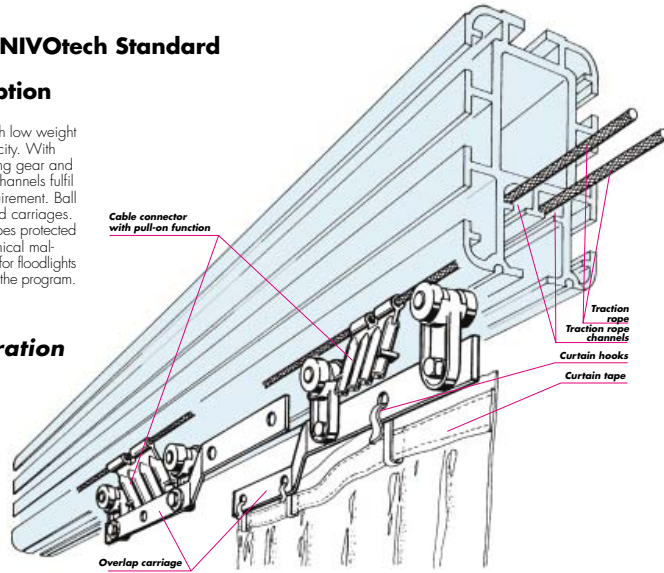
System tracks NIVOftech Standard

Product description

Aluminium-System tracks with low weight to high load-carrying capacity. With internal track canal for rolling gear and bearings. Seven grooved channels fulfil almost every mounting requirement. Ball bearing equipped roller and carriages. Internally located pulling ropes protected against soiling and mechanical malfunction. Fastening elements for floodlights and scenery, etc., complete the program.

Areas of operation

- Curtain track systems
- Ceiling running track
- Load-bearing bar
- Lighting holders



Implementation

Description	Surface	Item no.
NIVOftech Standard	Bare extruded	200001
NIVOftech Standard	Natural anodised	200002
NIVOftech Standard	Black anodised	200003
Standard curve 90°	by choice	200005

Technical Data

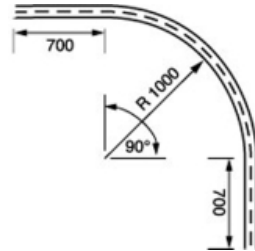
Standard length of the NIVOftech-Standard-track: 6 m. Material: AlMg Si 05 F 22. Measurement tolerance in accordance with DIN 17615. Moment of inertia: $I_y 134 \text{ cm}^4$. Moment of resistance: $W_y 26 \text{ cm}^3$. Own weight 4 kg/m is inclusively accounted for in the stress table. These values are valid with use as bearers on two supports. As load-bearing bar for prospect hoist in accordance with DIN 56921 the max. rope distance amounts to 3460 mm.

Load table

Spread m	2	2,5	3	3,5	4	4,5	5	5,5	6	7	8
Single load N	4928	3543	2429	1752	1308	1000	776	607	436	286	152
Line load N/m	4468	2268	1295	801	523	355	248	176	127	65	30
Deflection l/200 mm	10	12,5	15	17,5	20	22,5	25	27,5	30	35	40

Standard curve

The standard curve is delivered with a curve radius of 1,000 mm and each with a set swing size of 700 mm. The standard curve is bent at 90° and made of natural anodised material.



Custom curves

At your special request and according to your drawings we bend exact custom-made NIVOftech-tracks. Through the internal drawstring system, even with motorised equipment, s-shaped track constructions can be easily and without problems installed without support rollers or guide pulleys. The minimum radius amounts to 1,000 mm. For curved track set-ups with drawstring natural anodised custom bows are to be built in.


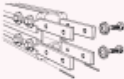



Mounting kits






Item	Description	Item. no.
	Ceiling holder with height levelling in anchoring rail For the flexible mounting operation. The anchoring rail is included in the delivery. Standard length "L" with welded on mounting plate as well as the relocatable counterpart with welded-on flange which can be screwed. Different sizes on request. Steel, black enamelled. Set without fixing material. L = 200 mm L = 300 mm L = 500 mm	220001 220002 220003
	Wall holder Welded steel angle with cross plate. Default track axle-distance to the wall from 180 mm, irregularities can be levelled out by means of 20 mm slotted holes. Other lengths on request. Finish in steel, black enamelled. Set without fastening material.	220005
	Hanging up with levelling In order to level out irregularities in the ceiling, the U-brackets can be delivered direct with a levelling out facility. Finish in steel, black enamelled. Set without fastening material. B = 60 mm	201173
	Clamping plate The clamping plates serve as detachable link of suspension elements on existing constructions. Finish galvanised zinc coated. Typ 1 for M12 Typ 2 for M16	141306 141506
	Corner suspension Aluminium corner with the relevant borings to accept fixing screws for the direct mounting of the NIVOftech-tracks. Finish aluminium, black enamelled.	200011
	Suspension for trigger snaps For connection with point or scenery hoists, consisting of a 120 mm long NIVOftech countersunk nut with fastening screws as well as welded T-piece for acceptance of the trigger snaps. Finish in steel, black enamelled. Set without fastening material.	240002
	Aluminium - rope suspension For motorised lifting of scenery, etc. The variable cable suspension enables a precise adjustment of the load-bearing bars on the NIVOftech-profile. By this means the otherwise customary tension lock can be dispensed with. For cable diameter up to 8 mm. Load: 3 kN Finish Aluminium casting. Set without fastening material.	200020









Connectors/castors

Item	Description	Item. no.
	Swivel connectors Consisting of two twistable Ubrackets, with PVC – washer and linking screw. B = 60 mm Steel, black enamelled. Set without fastening material.	250074
	Track connector set Consisting of 4 lateral drawstring fishplates incl. end screws. The drawstring fishplates are mounted in the lower and upper canal. Set without fastening material.	200010
	Castor Consisting of an aluminium-casting housing with double axle, ball-bearing castors as well as plain bearing transverse rollers. In the rail web there is a hole of 11 mm diameter bored for the various attachment possibilities. This castor is also especially applicable for curved travel. Load: 1 kN. Running canal 50	20 0180

Curtain carriage components

Item	Description	Item. no.
	Curtain closing carriage For smaller and straight curtains. Overrun about 15 cm. Boring: 8 mm Running canal 50	210012
	Curtain roller Of high grade plastic, set in ball bearings. Max. permanent load: 100 N Running canal 50	210013
	C-brackets A robust bended component with fastening boring. Diameter = 11 mm; B = 75 mm Load: 175 kg Steel, black enamelled.	200071
	End cap Plastic end cap to mount on the NIVOTech-Profile. white, black	200050 200051
	NIVOTech - groove stone With M10 thread and M5 locating pin, steel finish. Specially for binding to the carriage.	200080

Curtain drawing components

Item	Description	Item. no.
	NIVOTech - Special groove stone with M10 thread and locating pin M8. Rounded off shape for subsequent introduction in the nut channels of the NIVOTech – tracking system. Finish in zinc casting.	200081
	End deflection Aluminium – casting - construction with ball bearing end castor wheel for horizontal guiding of the rope.	201015
	Tractive reflection of carriage Aluminium – casting - construction with final diversion rollers set in ball-bearings for vertical cable control.	201016
	Contra-tension roller Suitable for small systems. Consisting of enamelled steel foot incl. guiding tracks and diversion roller set in ball-bearings with cable holding cage. Design for rope Design for a hanging pulling cable weight with 6 mm pulling cable	201061 201062
	Rope joiner, type 1 With four screws made of plastic. The cable joiner serves simultaneously as traveller. With hangings of several parts an additional traveller for each hanging is recommended.	210018
	Rope joiner, Type 2 For motorised drawing facilities. Brass design incl. 4 clamp screws.	201021

General accessories

Description	Dimensions	Item no.
Velcro tape		200041
Velcro contra-tape		200042
Pulling cable		210017
Safety cable	500 mm	140008
	1000 mm	140009
	2000 mm	140010
Trigger snaps		140027
Tension lock	M 8	140121
	M 10	140122
Hammer-head screw, type 28/15	M 10 x 20	200060
	M 10 x 25	200061
	M 10 x 30	200062

Description	Dimensions	Item no.
NIVOTech hexagon groove stone		200082
Hexagon bolt, zinc-coated, DIN 933	M 10 x 20	200091
	M 10 x 25	200092
	M 10 x 30	200093
Washer, DIN 9021	10,5 mm	200094
Spring washer, DIN 127	A 10	200095
Hexagon nut, DIN 555	M 10	200096
Ring nut DIN 582 without finish	M 10	200100

