

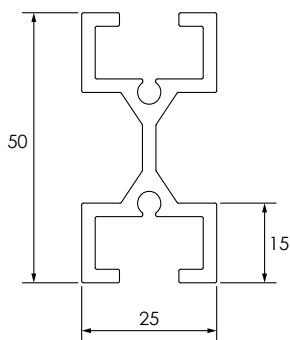
ORIENTTRACK

TECHNICAL DATA SHEET

December 2024

The Orient Track is a mid-range track system for curtains and acoustic solutions. The track has all the features of the ShowTrack, but as it is half the size, it takes far less space both for installation and storage.

» TRACK DIMENSIONS (MM)

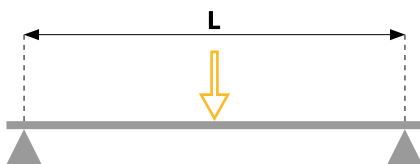


Track weight	0.98 kg/m
Track section max length	6 m
Curved track min radius	0.35 m

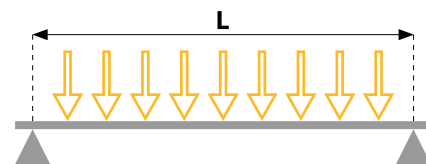
» SPECIFICATIONS

- The OrientTrack is a solid extruded aluminium track that guarantees a silent glide.
- Rails are available in straight lengths or curved to your specifications.
- An OrientTrack system can be manually operated, manually with rope or automatically by pull-cord operation with our [RTD motor range](#).
- Different types of runners are available to answer a broad range of possible needs, including gliders, ball raced runners, master carriers and overlap carriers.
- Acoustic runner available for acoustic solutions and/or hide the track.

» LOAD CAPACITY OF TRACK (Recommended suspension every 1 to 1.5 m)



L (m)	Point load (kg)
1	94 kg
1.5	41 kg
2	21 kg
3	7 kg



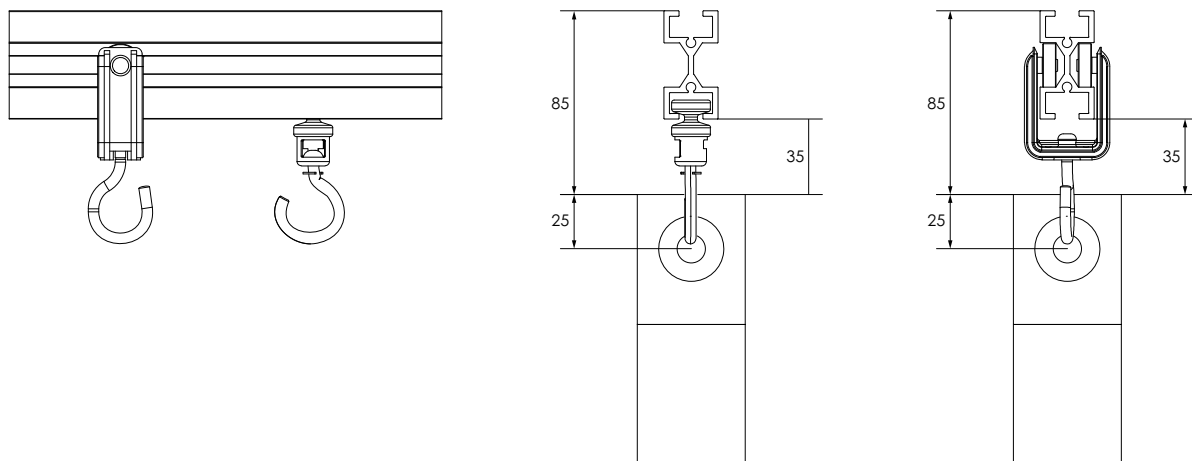
L (m)	UDL (kg/m) • total load (kg)
1	151 kg/m • 151 kg
1.5	44 kg/m • 66 kg
2	18 kg/m • 36 kg
3	4.66 kg/m • 14 kg

! The distance between two supports should not exceed 3 m.

The stated load capacities apply to the rail only. The load bearing capacity of the carrying construction (ceiling/truss/...) and all individual mounting accessories must be taken into account as well.

Load capacities have been calculated using Safety Factor 2. Apply the required Safety factor according to the standards pertaining to your application.

» TRACK DIMENSIONS ACCORDING TO CURTAIN SIZE (MM)



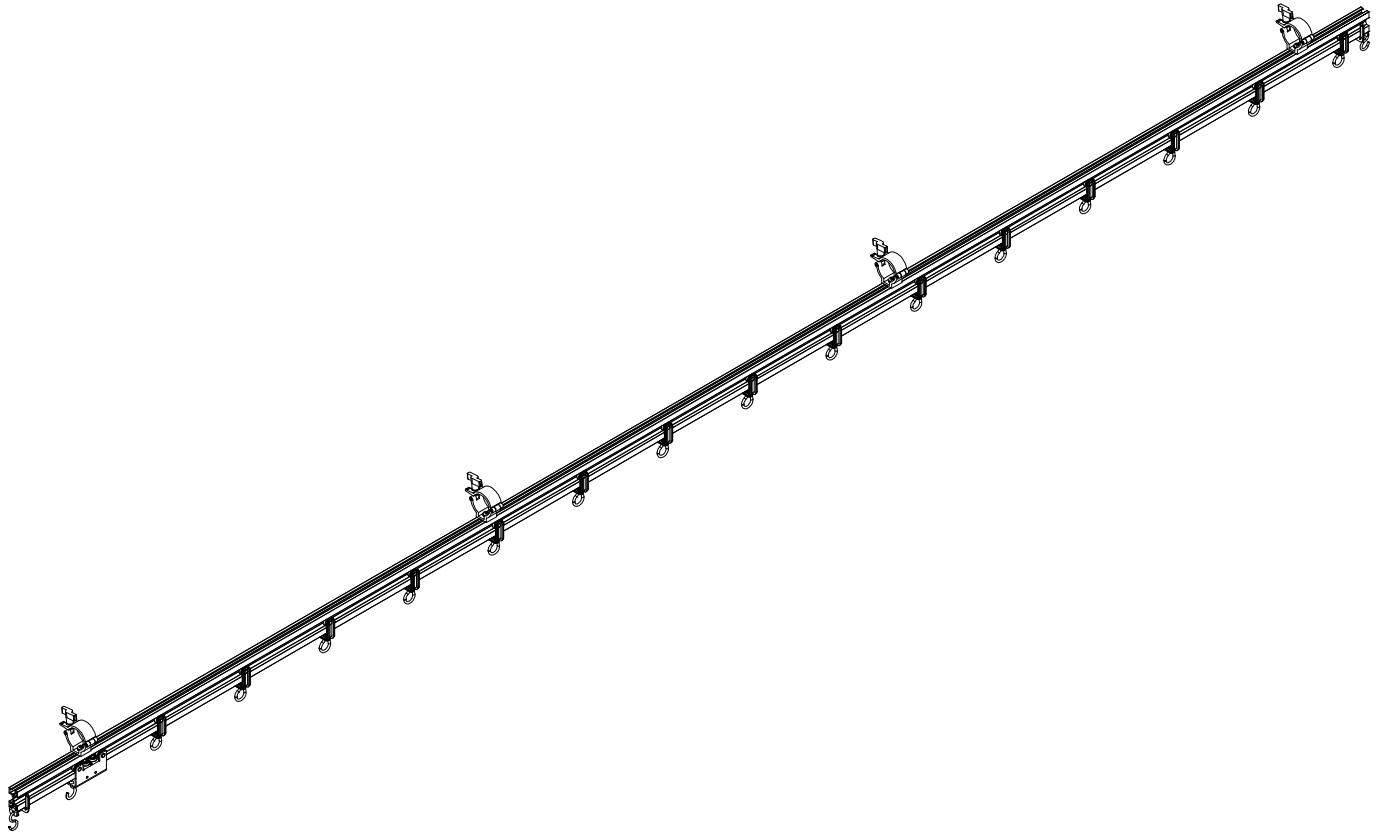
* standard distance for grommet

» RUNNER INFORMATION

Name	Article code	SWL	MIN. RADIUS OF BENDED RAIL
Ball Raced Runner with Swivel Hook	8067 0205 0007	8 kg	350 mm
Glider	8067 0195 0007	6 kg	350 mm
Master Glider with Swivel Hook	8067 0220 0007	15 kg	350 mm
Master Carrier with Swivel Hook	8067 0221 0007	25 kg	350 mm
Overlap Arm Set	8067 0240 0007	n.a.	650 mm

» SET-UPS

Motion	Set-ups
Walk Along Operation	Single Track
Manual Rope Operation	Single Track with Central Overlap Single Track Wipe Effect Double Track with Central Overlap
Motor Operation	Single Track with Central Overlap Double Track with Central Overlap Single Curved Track with Central Overlap Double Curved Track with Central Overlap

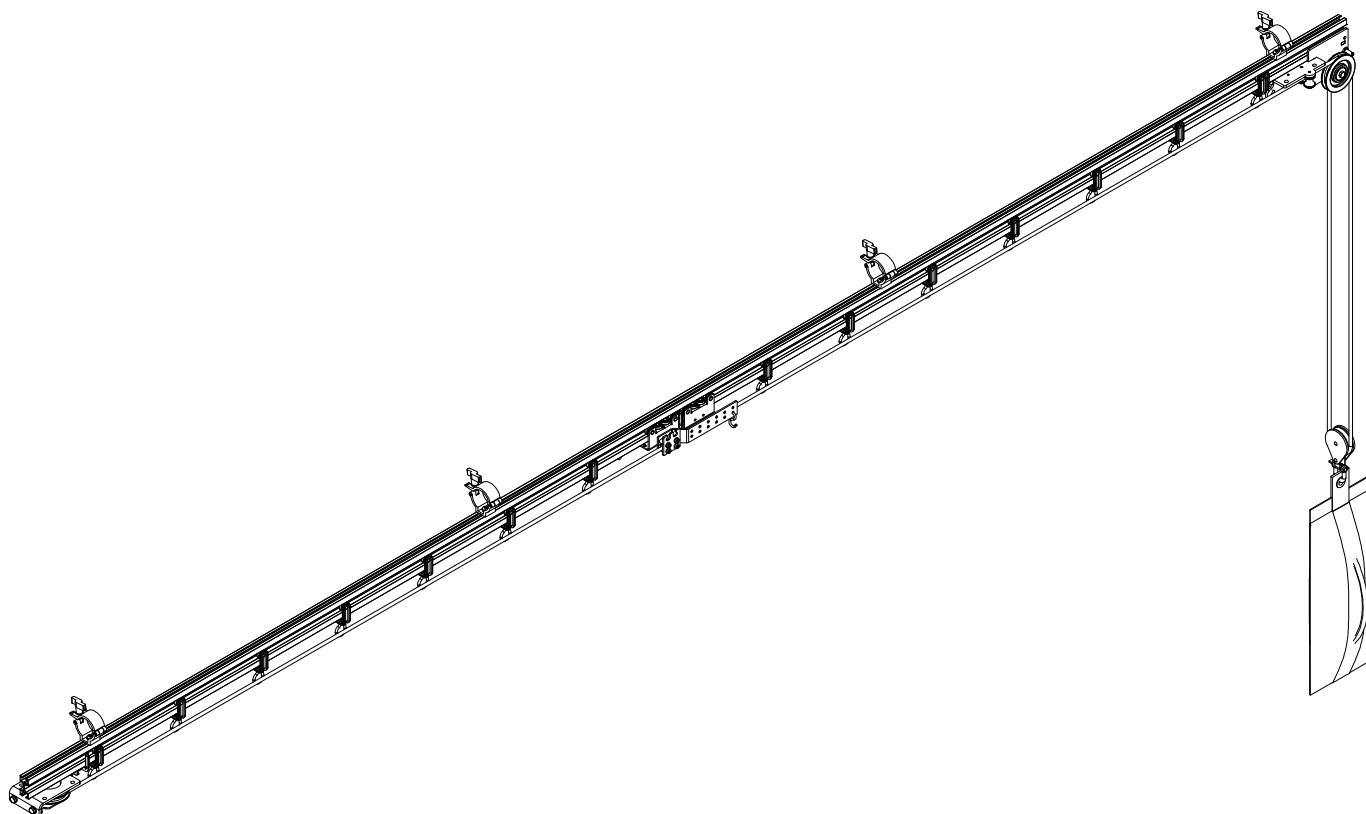


WALK-ALONG OPERATION : SINGLE TRACK

This is the most basic installation of the OrientTrack system. The curtain is pulled along the rail to its required position.

For larger curtains, double rails can be placed with a custom overlap.

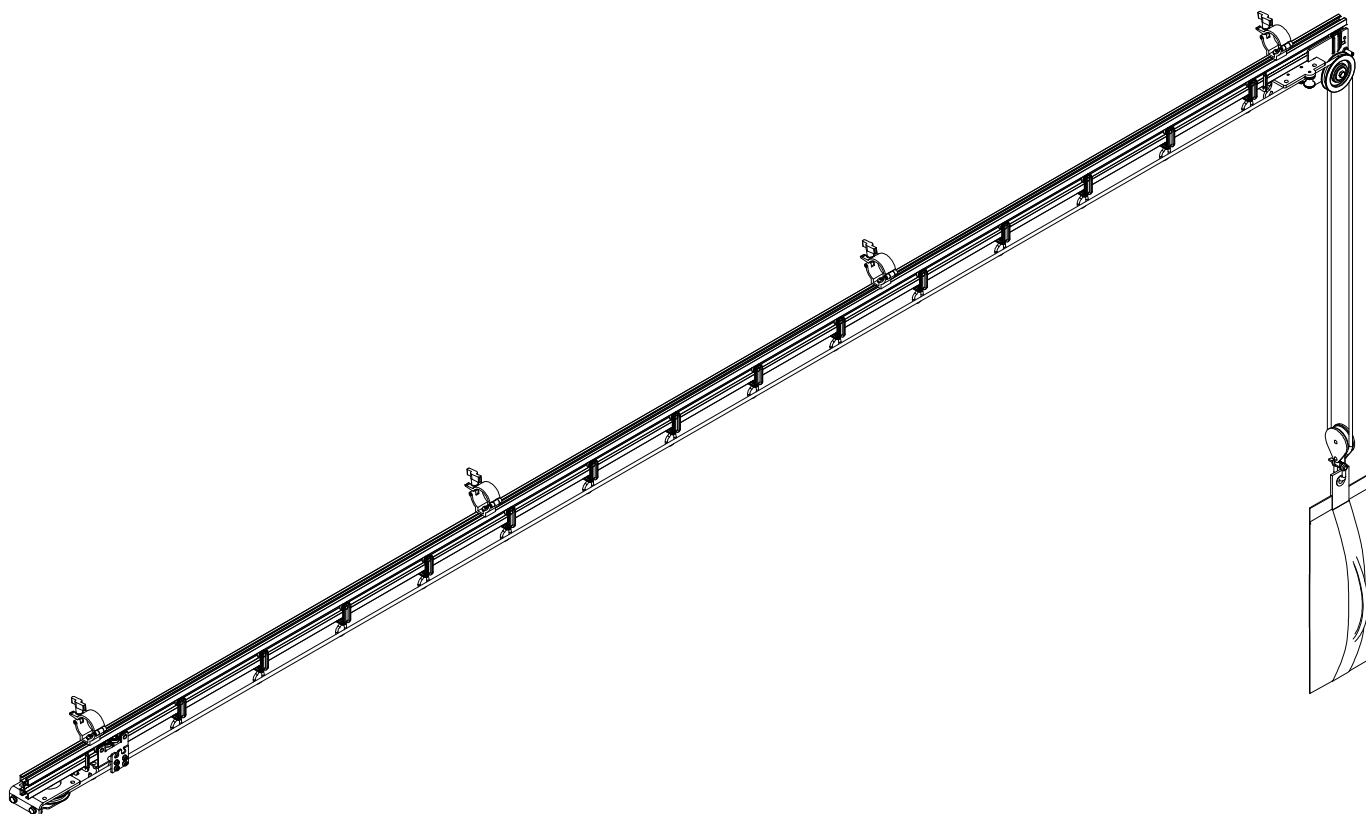
Walk-along operation is available for straight and curved tracks.



**MANUAL ROPE OPERATION :
SINGLE TRACK WITH CENTRAL OVERLAP**

This mode offers operation from one fixed place with the possibility to position the curtain at any distance.

Overlap carriers ensure perfect closure for curtains up to 4 m high.



**MANUAL ROPE OPERATION :
SINGLE TRACK WIPE EFFECT**

This mode offers operation from one fixed place with the possibility to position the curtain at any distance.

The curtain is pulled from the start of the track towards the end of the track.



**MANUAL ROPE OPERATION :
DOUBLE TRACK WITH CENTRAL OVERLAP**

For large curtains, double tracks can be placed with a custom overlap, while operation from one place and with one rope remains possible.

Line picks-ups are placed to keep the rope out of sight.



**MOTOR OPERATION :
SINGLE TRACK WITH CENTRAL OVERLAP**

This configuration offers the possibility to automatically control the curtains from any place with a remote unit or through DMX with the DMX Basic Module.

Standard provided with 2 fixed positions, open and close.

Variable speed control optional.

Overlap carriers ensure perfect closure for curtains up to 4 m high.

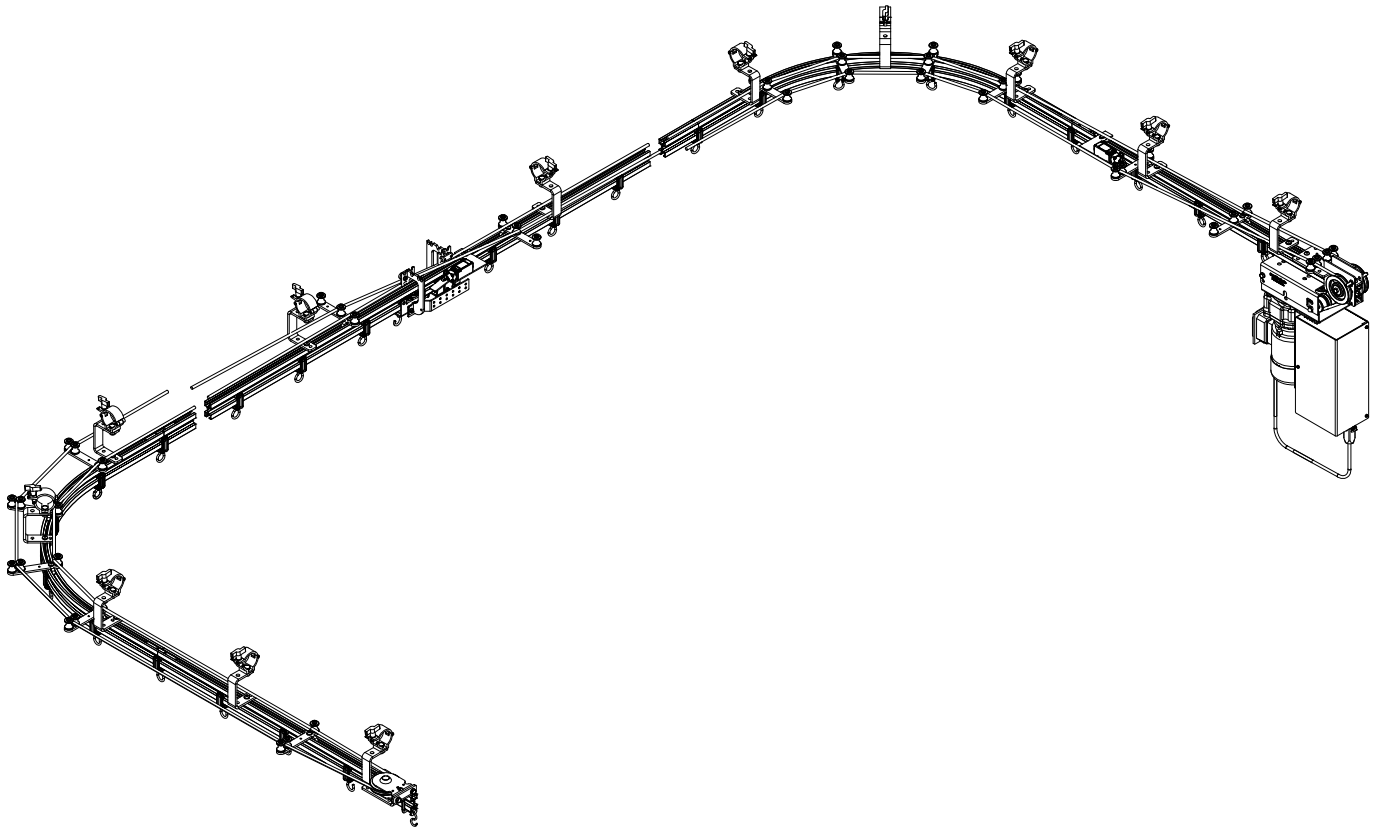


**MOTOR OPERATION :
DOUBLE TRACK WITH CENTRAL OVERLAP**

This configuration offers the possibility to automatically control the curtain from any place with a remote unit or through DMX with the DMX Basic Module.

Double tracks are placed with a custom overlap, the overlap is relation to the height of the curtain.

Line picks-ups are placed to keep the rope out of sight.

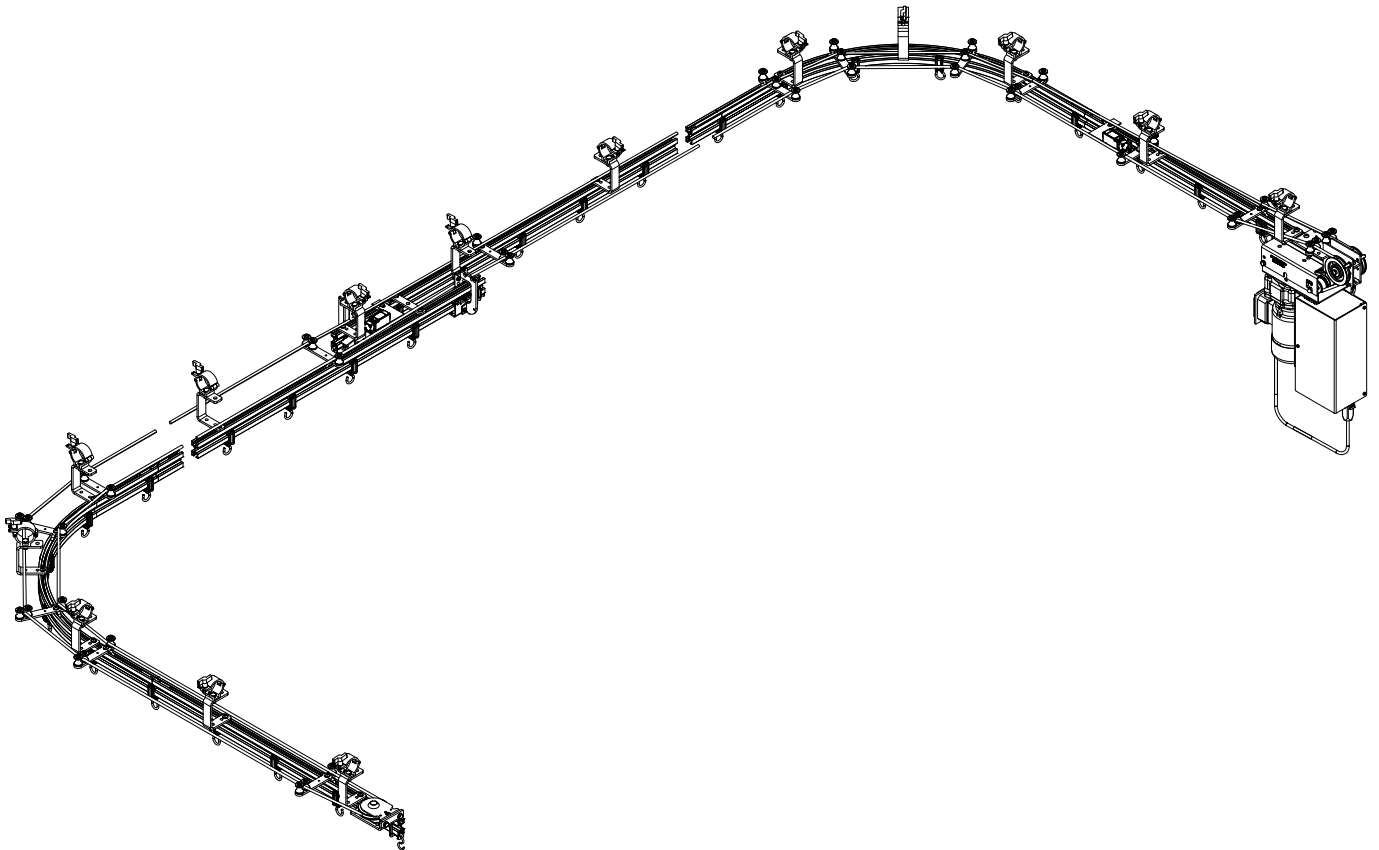


MOTOR OPERATION - SINGLE CURVED TRACK WITH CENTRAL OVERLAP

This configuration offers the possibility to automatically control curtains on the curved track from any place with a remote unit or through DMX with the DMX Basic Module. Top rope curve accessories guide the rope all along on top of the track.

Overlap carriers ensure perfect closure of the curtains up to 4 m high.

For large curtains, double tracks can be placed with a custom overlap.

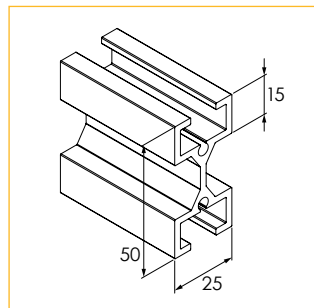


**MOTOR OPERATION : DOUBLE CURVED
TRACK WITH CENTRAL OVERLAP**

This configuration offers the possibility to automatically control curtains on the curved track from any place with a remote unit or through DMX with the DMX Basic Module. Top rope curve accessories guide the rope all along on top of the track.

Double tracks are placed with a custom overlap, the overlap is relation to the height of the curtain.

» COMPONENTS (MM) : TRACK



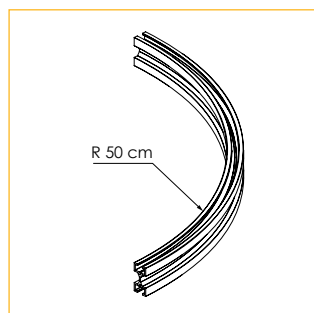
OrientTrack

Article code	Colour
8067 0001 6007	Black
Info	Weight
Aluminium T6	0.98 kg/m



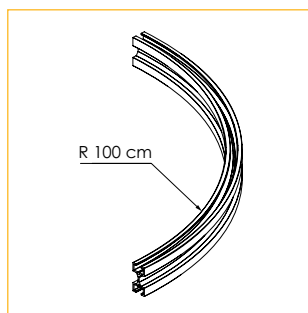
Curved Track 90° rad 35 cm

Article code	Colour
8067 0007 0357	Black
Info	Weight
90°, R = 35 cm	0.98 kg/piece



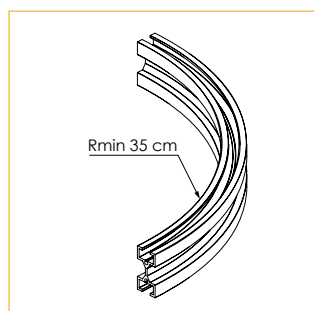
Curved Track 90° rad 50 cm

Article code	Colour
8067 0007 0507	Black
Info	Weight
90°, R = 50 cm	0.98 kg/piece



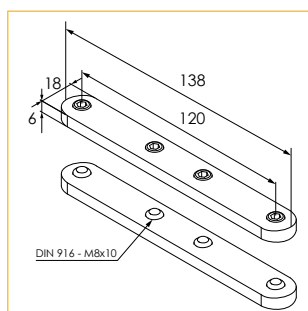
Curved Track 90° rad 100 cm

Article code	Colour
8067 0007 1007	Black
Info	Weight
90°, R = 100 cm	0.98 kg/piece



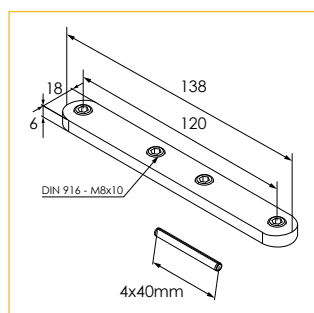
Curved Track (custom made)

Article code	Colour
8067 0007 0027	Black
Info	Weight
Min. radius = 35 cm	0.98 kg/m



Joiner Set for Runners

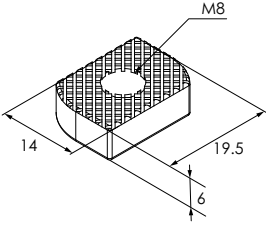
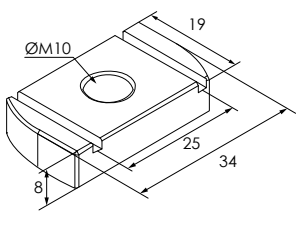
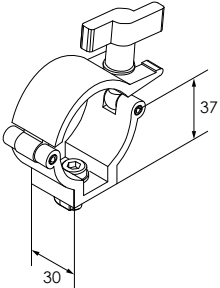
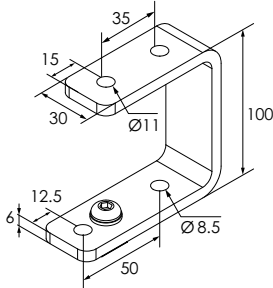
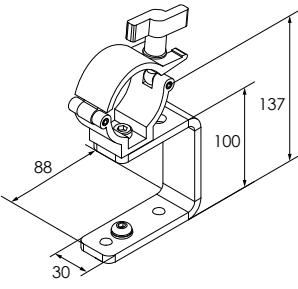
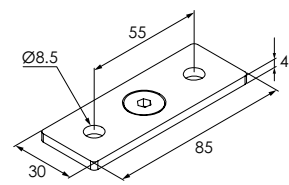
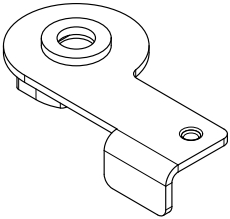
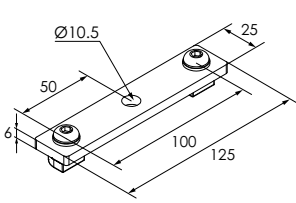
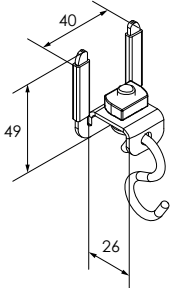
Article code	Colour
8067 0040 0007	Black
Info	Weight
Steel	0.20 kg/set



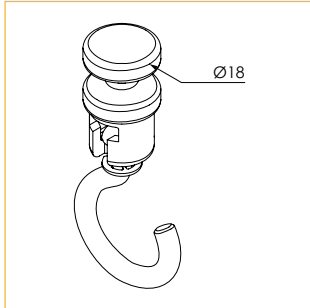
Joiner Set for Gliders

Article code	Colour
8067 0040 0017	Black
Info	Weight
Steel	0.12 kg/set

» COMPONENTS (MM) : TRACK

	Channel Nut M8 for OrientTrack <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8067 9224 0001</td><td>Galvanized</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>Steel</td><td>0.01 kg/piece</td></tr> </table>	Article code	Colour	8067 9224 0001	Galvanized	Info	Weight	Steel	0.01 kg/piece
Article code	Colour								
8067 9224 0001	Galvanized								
Info	Weight								
Steel	0.01 kg/piece								
	Construction Channel Nut M10 <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8700 9224 0101</td><td>Galvanized</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>Steel</td><td>0.03 kg/piece</td></tr> </table>	Article code	Colour	8700 9224 0101	Galvanized	Info	Weight	Steel	0.03 kg/piece
Article code	Colour								
8700 9224 0101	Galvanized								
Info	Weight								
Steel	0.03 kg/piece								
	100 kg Clamp with Channel Nut M8 <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8067 0680 0007</td><td>Black</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>For 50 mm tube - Aluminium - WLL: 100 kg SF: 2:1</td><td>0.20 kg/piece</td></tr> </table>	Article code	Colour	8067 0680 0007	Black	Info	Weight	For 50 mm tube - Aluminium - WLL: 100 kg SF: 2:1	0.20 kg/piece
Article code	Colour								
8067 0680 0007	Black								
Info	Weight								
For 50 mm tube - Aluminium - WLL: 100 kg SF: 2:1	0.20 kg/piece								
	Curved Track Suspension Bracket <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8067 0550 0007</td><td>Black</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>For curved track WLL: 60 kg SF: 2:1</td><td>0.32 kg/piece</td></tr> </table>	Article code	Colour	8067 0550 0007	Black	Info	Weight	For curved track WLL: 60 kg SF: 2:1	0.32 kg/piece
Article code	Colour								
8067 0550 0007	Black								
Info	Weight								
For curved track WLL: 60 kg SF: 2:1	0.32 kg/piece								
	Curved Track Suspension Bracket with Clamp <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8067 0550 0017</td><td>Black</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>For curved track WLL: 60 kg SF: 2:1</td><td>0.50 kg/piece</td></tr> </table>	Article code	Colour	8067 0550 0017	Black	Info	Weight	For curved track WLL: 60 kg SF: 2:1	0.50 kg/piece
Article code	Colour								
8067 0550 0017	Black								
Info	Weight								
For curved track WLL: 60 kg SF: 2:1	0.50 kg/piece								
	Ceiling Bracket <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8067 0110 0007</td><td>Black</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>Steel</td><td>0.09 kg/piece</td></tr> </table>	Article code	Colour	8067 0110 0007	Black	Info	Weight	Steel	0.09 kg/piece
Article code	Colour								
8067 0110 0007	Black								
Info	Weight								
Steel	0.09 kg/piece								
	Hidden Ceiling Bracket <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8055 0110 0017</td><td>Black</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>WLL: 75 kg SF: 2:1</td><td>0.02 kg/piece</td></tr> </table>	Article code	Colour	8055 0110 0017	Black	Info	Weight	WLL: 75 kg SF: 2:1	0.02 kg/piece
Article code	Colour								
8055 0110 0017	Black								
Info	Weight								
WLL: 75 kg SF: 2:1	0.02 kg/piece								
	Overlap Clip <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8067 0696 0007</td><td>Black</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>For double track setup - Steel</td><td>0.41 kg/piece</td></tr> </table>	Article code	Colour	8067 0696 0007	Black	Info	Weight	For double track setup - Steel	0.41 kg/piece
Article code	Colour								
8067 0696 0007	Black								
Info	Weight								
For double track setup - Steel	0.41 kg/piece								
	End stop <table border="1"> <tr> <th>Article code</th><th>Colour</th></tr> <tr> <td>8067 0050 0007</td><td>Black</td></tr> <tr> <th>Info</th><th>Weight</th></tr> <tr> <td>With 1 S-hook</td><td>0.06 kg/piece</td></tr> </table>	Article code	Colour	8067 0050 0007	Black	Info	Weight	With 1 S-hook	0.06 kg/piece
Article code	Colour								
8067 0050 0007	Black								
Info	Weight								
With 1 S-hook	0.06 kg/piece								

» COMPONENTS (MM) : RUNNERS & CARRIERS



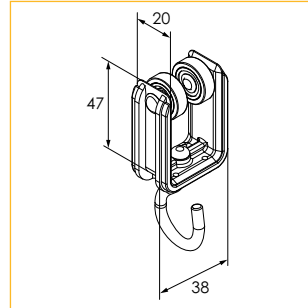
Glider

Article code	Colour
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8067 0195 0007	Black
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Info	Weight
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Silent - With swivel hook - WLL: 6 kg -	0.03 kg/piece
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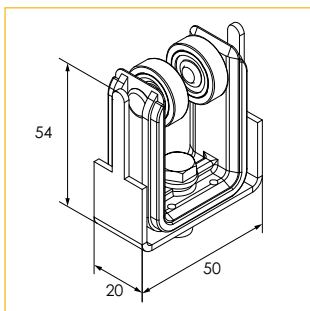
Ball Raced Runner with Swivel Hook

Article code	Colour
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8067 0205 0007	Black
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Info	Weight
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With swivel hook WLL: 8 kg - Nylon	0.06 kg/piece
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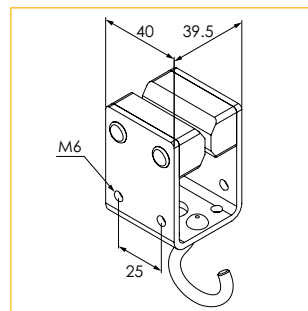
Ball Raced Runner with Acoustic Bracket

Article code	Colour
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8067 0205 0097	Black
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Info	Weight
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WLL: 8 kg - Steel	0.07 kg/piece
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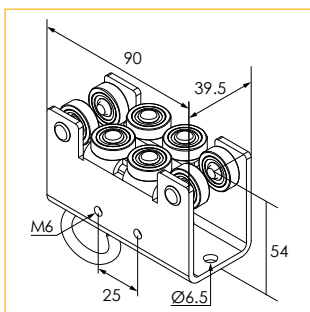
Master Glider with Swivel Hook

Article code	Colour
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8067 0220 0007	Black
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Info	Weight
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Silent - With swivel hook WLL: 15 kg - Steel	0.17 kg/piece
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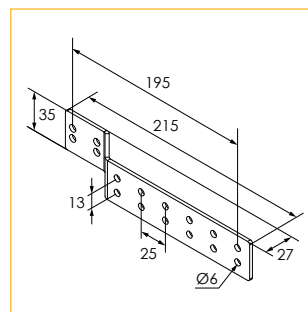
Master Carrier with Swivel Hook

Article code	Colour
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8067 0221 0007	Black
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Info	Weight
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With swivel hook WLL: 25 kg - Steel	0.41 kg/piece
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Overlap Arm Set

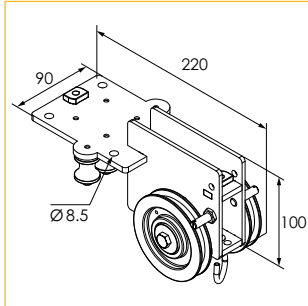
Article code	Colour
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8067 0240 0007	Black
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Info	Weight
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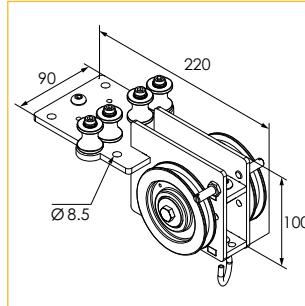
Set of 2 pieces With 2 S-hooks - Steel	0.34 kg/set
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» COMPONENTS (MM) : ROPE OPERATION



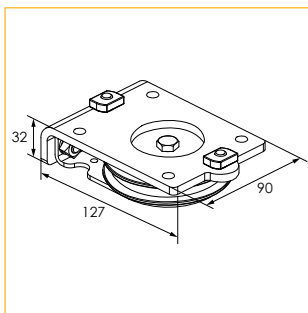
Head Pulley Single & Double Track

Article code	Colour
8067 0400 0017	Black
Info	Weight
Steel	2.42 kg/piece



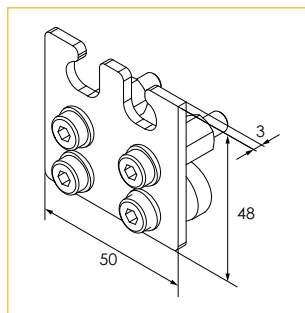
Head Pulley Curved Track

Article code	Colour
8067 0520 0037	Black
Info	Weight
Steel	2.42 kg/piece



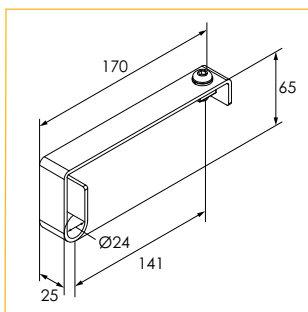
Return Pulley

Article code	Colour
8067 0410 0027	Black
Info	Weight
For single, double & curved track - Steel	1.17 kg/piece



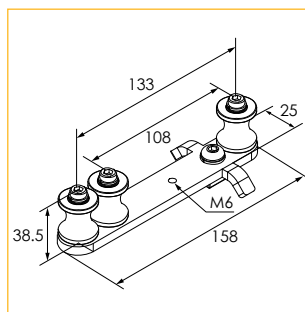
Rope Clamp Plate

Article code	Colour
8067 0249 0007	Black
Info	Weight
For single & double track - Steel	0.11 kg/set



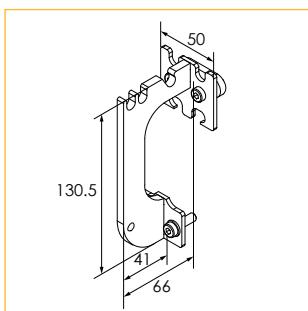
Line Pickup

Article code	Colour
8067 0694 0007	Black
Info	Weight
For double track - Steel	0.20 kg/piece



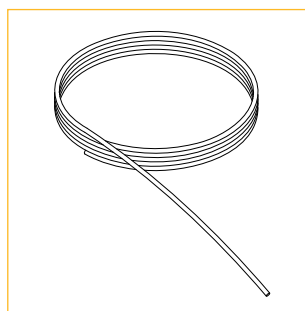
Curve Cord Guide

Article code	Colour
8067 0500 0007	Black
Info	Weight
For curved track - Steel	0.42 kg/piece



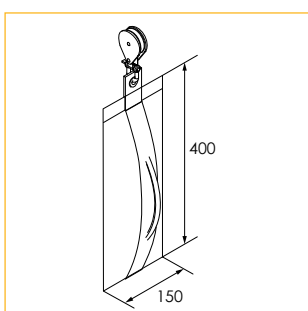
Curve Master Carrier arm

Article code	Colour
8067 0510 0507	Black
Info	Weight
For curved track - Steel	0.29 kg/piece



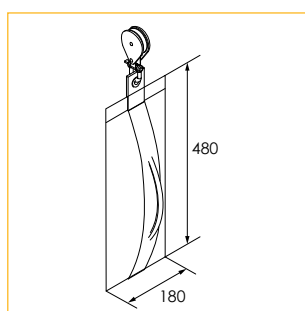
Double Braided Rope 8 mm

Article code	Colour
7530 0308 1007	Black
7530 1308 0027	Black-orange-green
Info	Weight
100 m	0.043 kg/m



Weighted Return Pulley

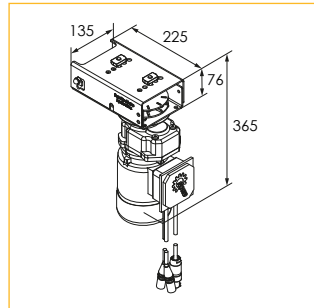
Article code	Colour
8050 0415 0057	Black
Info	Weight
	5.50 kg/piece



Weighted Return Pulley XL

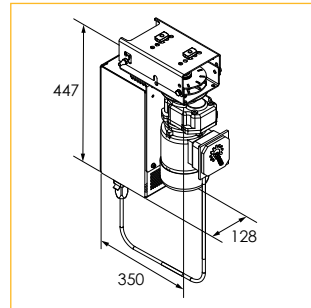
Article code	Colour
8050 0415 0087	Black
Info	Weight
	10.5 kg/piece

» COMPONENTS (MM) : CONTROL



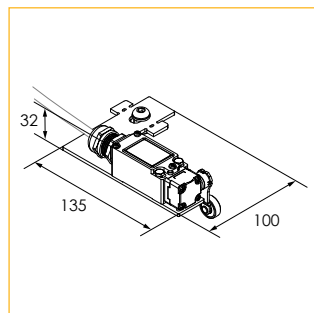
Rope Drive Lite

Article code	Colour
8050 0713 1107	Black
Info	Weight
Fixed speed	10.0 kg/piece



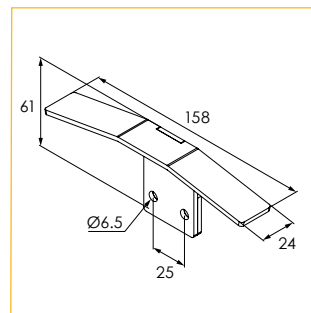
Rope Drive Standard

Article code	Colour
8050 0713 1507	Black
Info	Weight
Variable speed	11.8 kg/piece



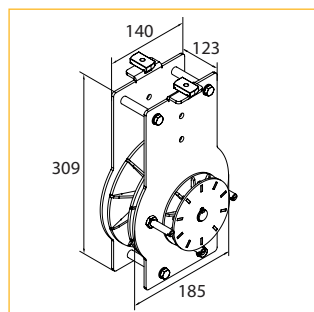
Limit Switch set for Rope Drive

Article code	Colour
8050 0770 0013	Black
Info	Weight
Set of 2 pieces	0.27 kg/set



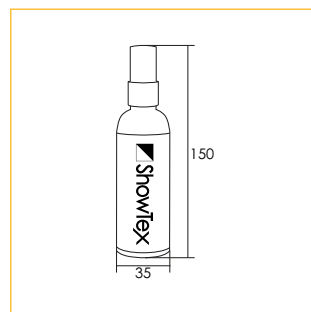
Ski for Limit switch

Article code	Colour
8067 0770 0007	Black
Info	Weight
For motor operation Steel	0.18 kg/piece



RopeAssist

Article code	Colour
8050 0425 0107	Black
Info	Weight
For rope operation	6.54 kg/piece



Channel Lubricant

Article code	Colour
8067 9999 0001	Transparent
Info	Volume
For gliders	100 ml

HAVE A GREAT SHOW!
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