NANTE
Cranes & Components

Festoon System

Mobile Electrification System

Catalogue **C-track,I-beam,Wire-rope Series**

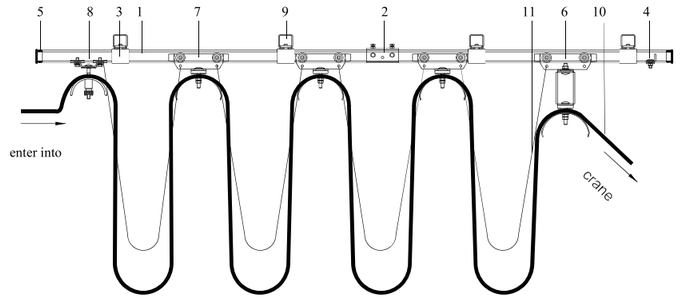
NANTE cable festoon system provide a safe, effective and economical way of supplying power to cranes, hoists and moving machinery travelling along fixed tracks. NANTE can offer the festoon system for C track, I beam, Angel Bar, Wire rope, Square Pipe etc.

Features:

• Safe and reliable • Simple to install or modify • Enclosed self cleaning track • Minimum maintenance

General

1. C-track
2. Joint
3. Hanger
4. End Stop
5. End Cap
6. Towing Trolley
7. Middle Trolley
8 End Trolley
9. Support Bracket
10. Cable
11 Steel Wire

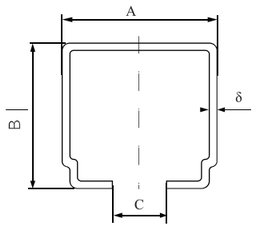


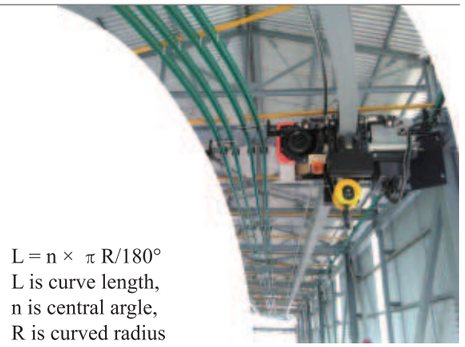
Technical Data

Travel speed	< 120m/min
Temperature	-40℃ -- +125℃
Cable load	< 120kg

Travel speed	Cable loop depth
max.35m/min	≥0.3m
35-50m/min	≤0.8m
50-80m/min	≥0.8m

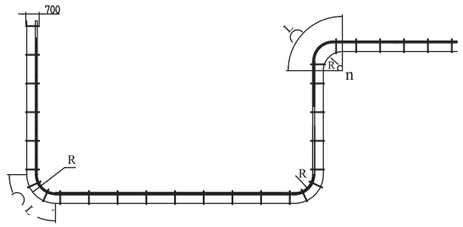
C-track Festoon accessories - C-track C32/ C40/ C63





L = n × π R/180°
L is curve length,
n is central argle,
R is curved radius

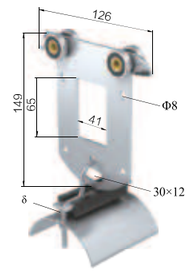
Type	Weight (kg/m)	A	B	C	δ
C32*30*1.5	1.19	32	30	12	1.5
C40*40*2.0	2.0	40	40	13	2.0
C63*63*4.0	5.98	63	63	18	18



Material: Galvanized Steel, 304#, 316# Stainless Steel
(Nylon coating is optional for heavy corrosion environment)
Curve R ≥ 1.0m, only C32 can be curve

C-track Festoon Accessories - C32 Trolley for Flat Cable C32TT-75/ C32MT-75

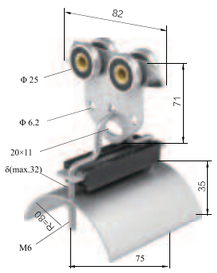
C32TT-75 - Towing trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 75 W* 32mm
Max. Cable weight: 25kg
Weight of Trolley: 0.59kg

C32MT-75 - Middle trolley

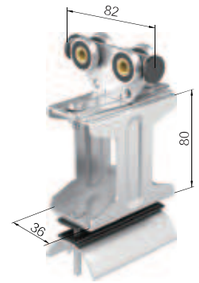


Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 75 W* 32mm
Max. Cable weight: 30kg
Weight of Trolley: 0.41kg

C-track Festoon Accessories - C32 Trolley for Flat Cable C32TT-70/ C32MT-70 / C32ET

C32TT-70 - Towing trolley

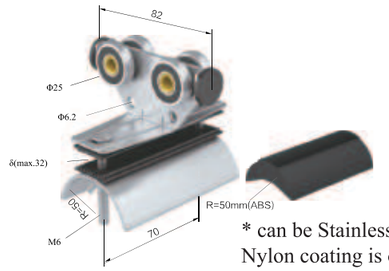


* can be Stainless Steel,
Nylon coating is optional

Technical Feature

Wheels: Ball bearing
Max Travel Speed: 120m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 70 W* 32mm
Max. Cable weight: 22kg
Weight of Trolley: 0.55kg

C32MT-70 - Middle trolley

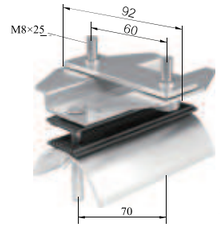


* can be Stainless Steel,
Nylon coating is optional

Technical Feature

Wheels: Ball bearing
Max Travel Speed: 120m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 70 W* 32mm
Max. Cable weight: 22kg
Weight of Trolley: 0.32kg

C32ET- End trolley

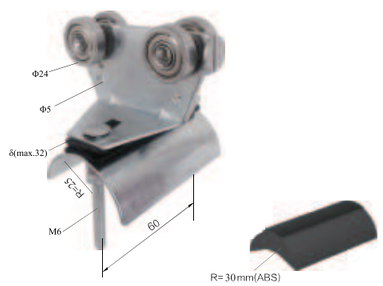


* can be Stainless Steel,
Nylon coating is optional

Technical Feature

Max Travel Speed: 120m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 70 W* 32mm
Max. Cable weight: 25kg
Weight of Trolley: 0.31kg

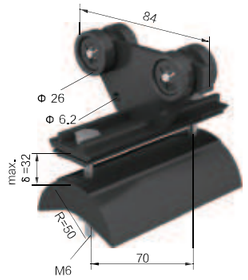
C-track Festoon Accessories - C32 Trolley for Flat Cable C32MT-60 Middle trolley



Technical Feature

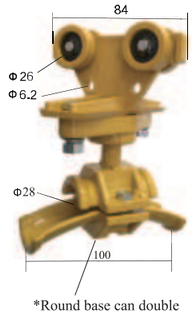
Wheels: Bearing
Max Travel Speed: 120m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 60 W* 32mm
Max. Cable weight: 20kg
Weight of Trolley: 0.32kg

C-track Festoon Accessories - C32 Plastic Middle Trolley
C32PP-70 / C32RPP-30



Technical Feature

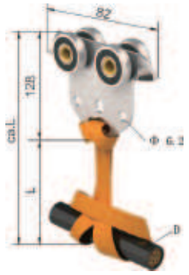
Wheels: Nylon
Max Travel Speed: 120m/min
Material: --ABS
Temperature: -30℃ ~ + 80℃
Max. Cable (mm): 70 W* 32mm
Max. Cable weight: 8kg
Weight of Trolley: 0.14kg



Technical Feature

Wheels: Nylon
Max Travel Speed: 120m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 80℃
Max. Cable (mm): φ28mm
Max. Cable weight: 8kg
Weight of Trolley: 0.15kg

C-track Festoon accessories - C32 Plastic Middle Trolley
C32RMT

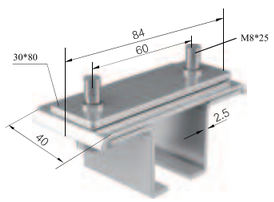


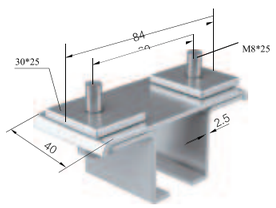
Technical Feature

Wheels: Ball bearing
Max Travel Speed: 120m/min
Material: Galvanized Steel + Nylon
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): φ50mm / φ80mm / φ160mm
Max. Cable weight: 22kg
Weight of Trolley: 0.29kg

C-track Festoon Accessories - C32 Hanger
C32HG-1/ C32HG-2/ C32HG-5

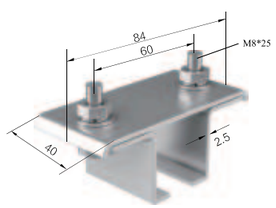
C32HG-1/ C32HG-2 for C-track support bracket

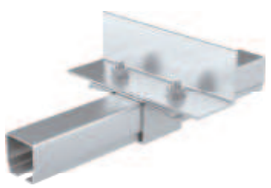




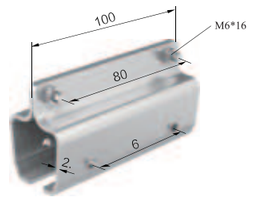
Type	Weight (kg)	Material
C32HG-1	0.22	Galvanized Steel
C32HG-2	0.22	
C32HG-5	0.20	

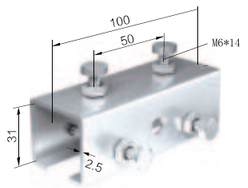
C32HG-5 for Angle steel support bracket





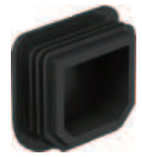
C-track Festoon Accessories - C32 Joints
C32JS-2 / C32JS-1





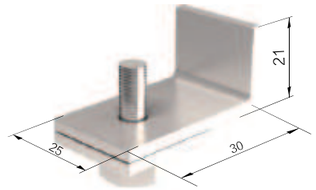
Type	Weight (kg)	Material
C32JS-2	0.27	Galvanized Steel
C32JS-1	0.3	

C-track Festoon Accessories - C32 End Cap
C32EC



Type	Weight (kg)	Material
C32EC	0.005	Plastic

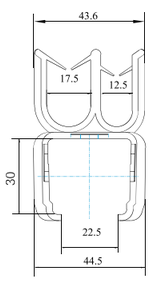
C-track Festoon Accessories - C32 End Stop
C32ED



Type	Weight (kg)	Material
C32ED	0.05	Galvanized Steel

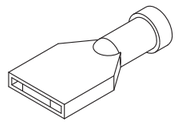
*C32ED used for C32/C40 track

C-track Festoon accessories - C32 Cable Clip
C32CP



Type	Weight (kg)	Material
C32CP	0.02	Plastic

C-track Festoon Accessories - C32 Pendant Trolley for Flat Cable
C32PT

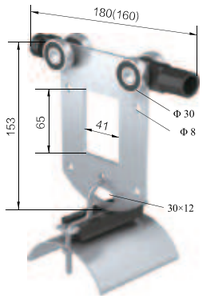


Type	Weight (kg)	Material
C32PT	2.5	Galvanized Steel

Can Customized with Flat Cable Gland

C-track Festoon Accessories - C40 Trolleys
C40TT / C40MT / C40RMT

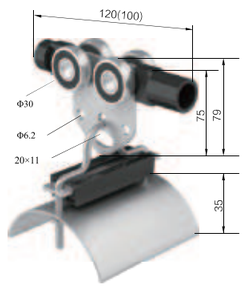
C40TT - Towing trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 75 W*32mm
Max. Cable weight: 35kg
Weight of Trolley: 0.65kg

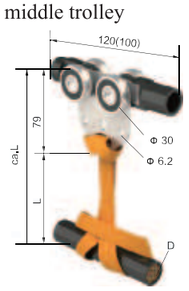
C40MT - Middle trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 75 W*32mm
Max. Cable weight: 30kg
Weight of Trolley: 0.52kg

C40RMT - Plastic middle trolley

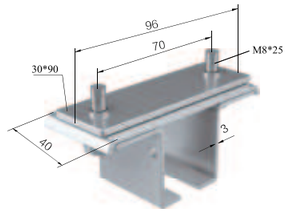


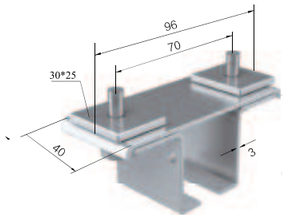
Technical Feature

Wheels: Ball bearing
Max Travel Speed: 100m/min
Material: Galvanized Steel + Nylon
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): φ50mm / φ80mm / φ160mm
Max. Cable weight: 28kg
Weight of Trolley: 0.33kg

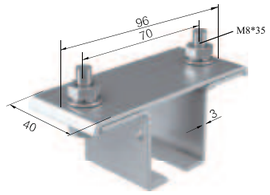
C-track Festoon Accessories - C40 Hanger
C40HG-1/ C40HG-2 / C40HG-5

C40HG-1 and C40HG-2 for C-track support bracket



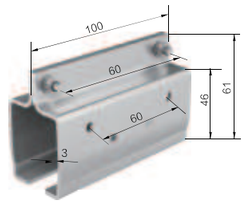


C40HG-5 for Angle steel support bracket



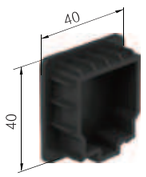
Type	Weight (kg)	Material
C40HG-1	0.30	Galvanized Steel
C40HG-2	0.30	
C40HG-5	0.22	

C-track Festoon Accessories - C40 Joints
C40JS-2



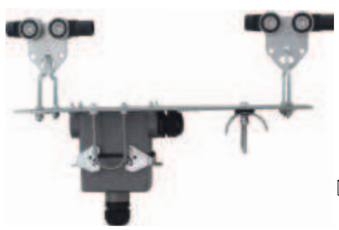
Type	Weight (kg)	Material
C40JS-2	0.32	Galvanized Steel

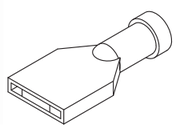
C-track Festoon Accessories - C40 End Cap
C40EC



Type	Weight (kg)	Material
C40EC	0.01	Plastic

C-track Festoon Accessories - C40 Pendant Trolley for Flat Cable
C40PT



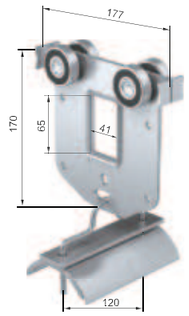


Type	Weight (kg)	Material
C40PT	2.7	Galvanized Steel

Can Customized with Flat Cable Gland

C-track Festoon Accessories - C63 Trolleys for Flat Cable
C63TT / C63MT/ C63ET

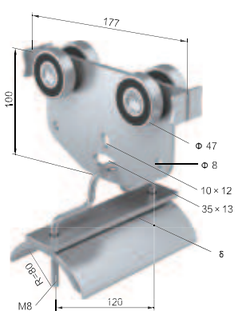
C63TT- Towing trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 120 W*40mm
Max. Cable weight: 65kg
Weight of Trolley: 2.3kg

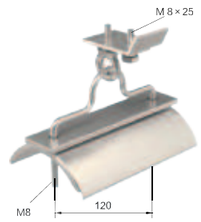
C63MT - Middle trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 120 W*40mm
Max. Cable weight: 65kg
Weight of Trolley: 1.95kg

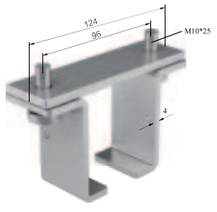
C63ET - End trolley



Technical Feature

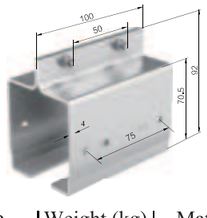
Max Travel Speed: 160m/min
Material: Galvanized Steel
Temperature: -30℃ ~ + 100℃
Max. Cable (mm): 120 W*40mm
Max. Cable weight: 65kg
Weight of Trolley: 1.15kg

C-track Festoon Accessories - C63 Hanger
C63HG



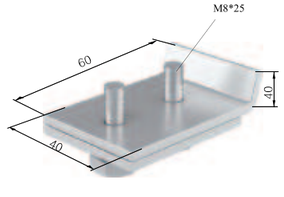
Type	Weight (kg)	Material
C63HG	0.45	Galvanized Steel

C-track Festoon Accessories - Joints
C63JS



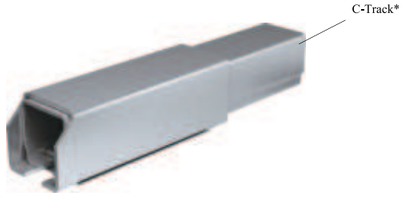
Type	Weight (kg)	Material
C63JS	0.72	Galvanized Steel

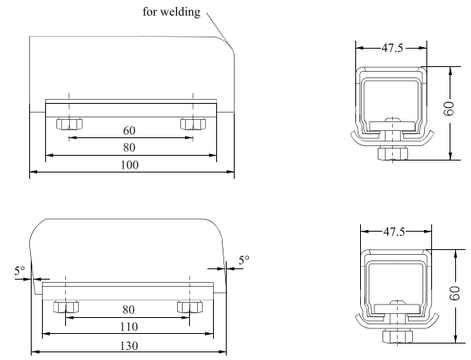
C-track Festoon Accessories - End Stop
C63ED



Type	Weight (kg)	Material
C63ED	0.72	Galvanized Steel

C-track Festoon Accessories - C40 Support Attachment
C40SA-1 /C40SA-2

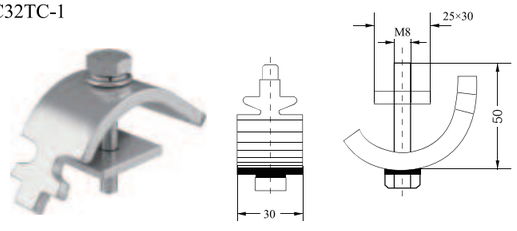




Type	Weight (kg)	Material
C40SA-1	0.936	Galvanized Steel
C40SA-2	0.951	

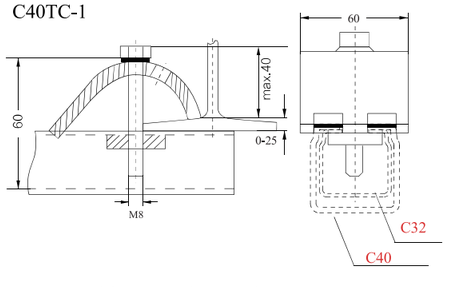
C-track Festoon Accessories - C-track Claw
C32TC-1/ C40TC-1

C32TC-1



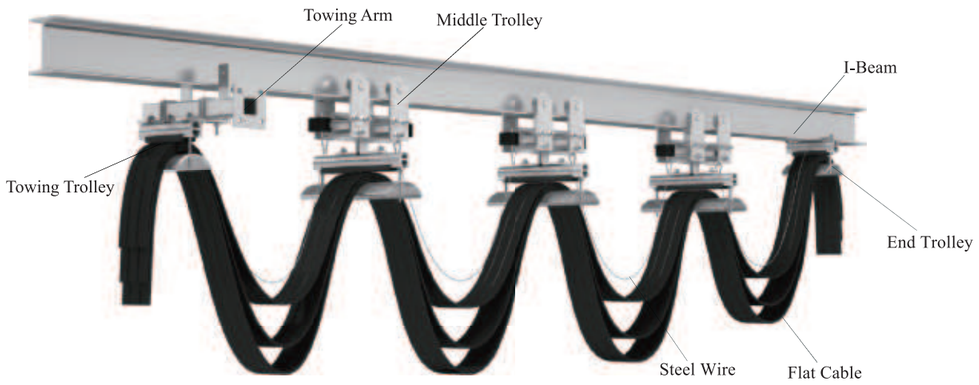
Be used for Standard Bracket

C40TC-1



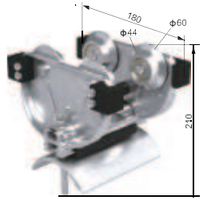
Be used for Heavy duty Bracket

Type	Weight (kg)	Material
C32TC-1	0.202	Galvanized Steel
C40TC-1	0.281	



I-Beam Trolley
N35MTA / N35TT / N35ET series

N35MTA - Middle trolley

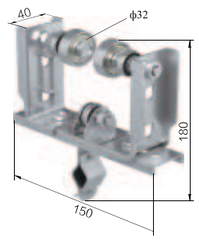


N35TT - Towing trolley

N35ET - End trolley

Type	Max.cable load	Dia. of Cable(mm)	Weight (kg)
N35MTA-120	max.35kg/trolley	max.120 W × 50δ	2.20
N35MTA-150	max.40kg/trolley	max.150 W × 60δ	2.40
N35TT-120	max.60kg/trolley	max.120 W × 50δ	1.25
N35TT-150	max.70kg/trolley	max.150 W × 50δ	1.45
N35ET-120	max.60kg/trolley	max.120 W × 50δ	2.10
N35ET-150	max.70kg/trolley	max.150 W × 50δ	2.30

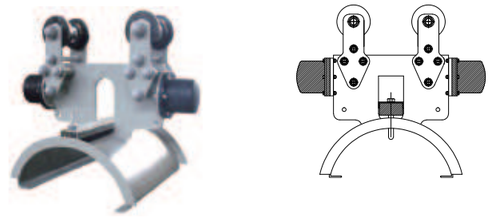
I-Beam Trolley - for Round Cable
N15RMT



Type	Max.cable load	Dia. of Cable(mm)	Weight (kg)
N15RMT	max.5kg/trolley	D= φ 15mm	0.64

I-Beam Trolley
N75MT-1 series / N75MT-2series / N75MT-1 series

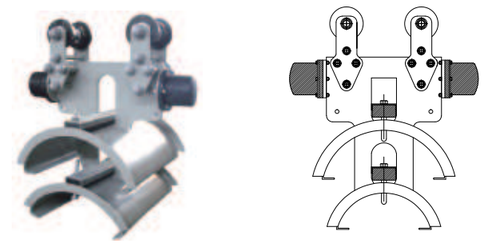
N75-1 - Middle trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable weight: 200kg

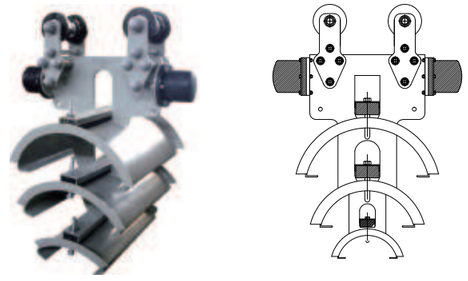
N75-2 - Middle trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable weight: 200kg

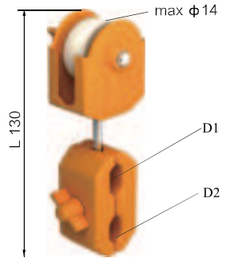
N75-3 - Middle trolley



Technical Feature

Wheels: Ball bearing
Max Travel Speed: 160m/min
Material: Galvanized Steel + ABS
Temperature: -30℃ ~ + 100℃
Max. Cable weight: 200kg

Wire Rope Festoon Accessories - for Round Cable
ST-12/14 & ST-14/16



Technical Feature

Wheels: Plastic
Max Travel Speed: 100m/min
Material: Plastic
Temperature: -30℃ ~ + 80℃

Type	Max.cable load	Dia. of Cable(mm)	Weight (kg)
ST-12/14	max.6kg/trolley	max.D1/D2= φ12mm/12mm	0.08
ST-14/16	max.7kg/trolley	max.D1/D2= φ12mm/12mm	0.09