

vasei[®]
Electromechanic



RAIL

Festoon System

Cat.4n/34

1032 Series

www.vasei.com

energy and data transfer systems



Vasel c- rail cable carrying and transfer systems works reproductively with energy and data transfer systems by using roundform and flatform cable (plating units, high capacity stowing systems, automotive-industrial manufacture workshops, automation integrated systems such as textile etc., stowing cranes in shipyards and ports; portal cranes, travelling cranes, special designed stowing and loading machines, milling and construction sector facility applications) hydraulic and pneumatic application systems that requires mobile control by long range of maintenance period.

- *It is also used mobile machine applications that provide fiber-optic cable communication except power and control applications.*
- *It is designed to provide assembly facility during installation and technical maintenance.*
- *Provides high performance in challenging conditions*
- *Provides saving from time and labor focused on economic and safe working*
- *It is manufactured within appropriate sizes and appropriate material for application standards applied in most countries of the world.*
- *It is manufactured from corrosion resistance materials against dust, moist, frosting, high temperature working conditions.*
- *With special extra standard product manufacturing for specific applications, it provides practical solutions to the sector*



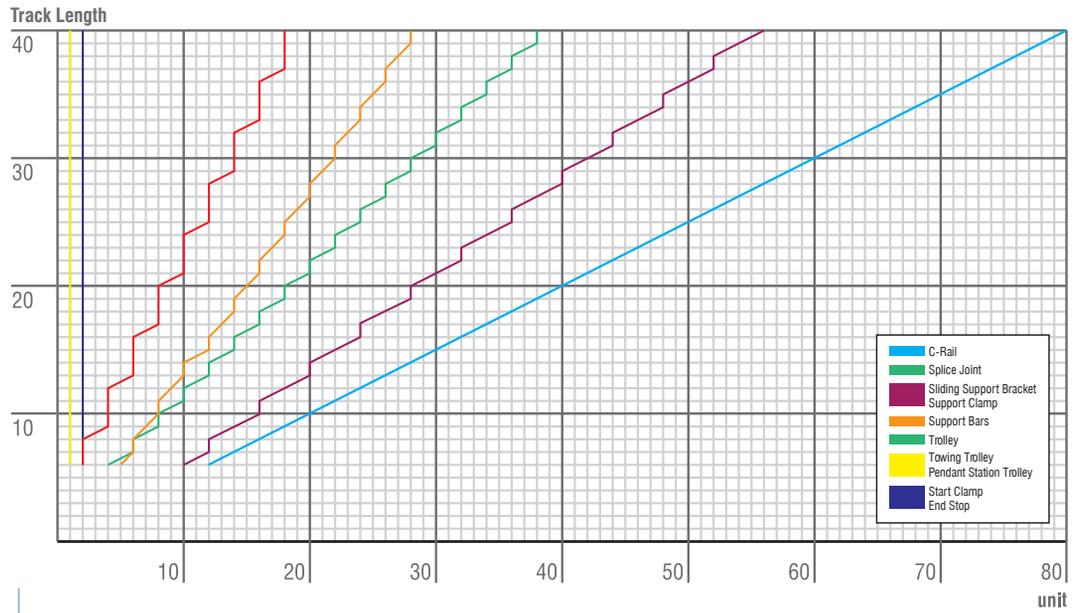
! Please contact with our technical team for applications that will be used in extra standard challenging and hard working conditions. we will be pleased to help to you.

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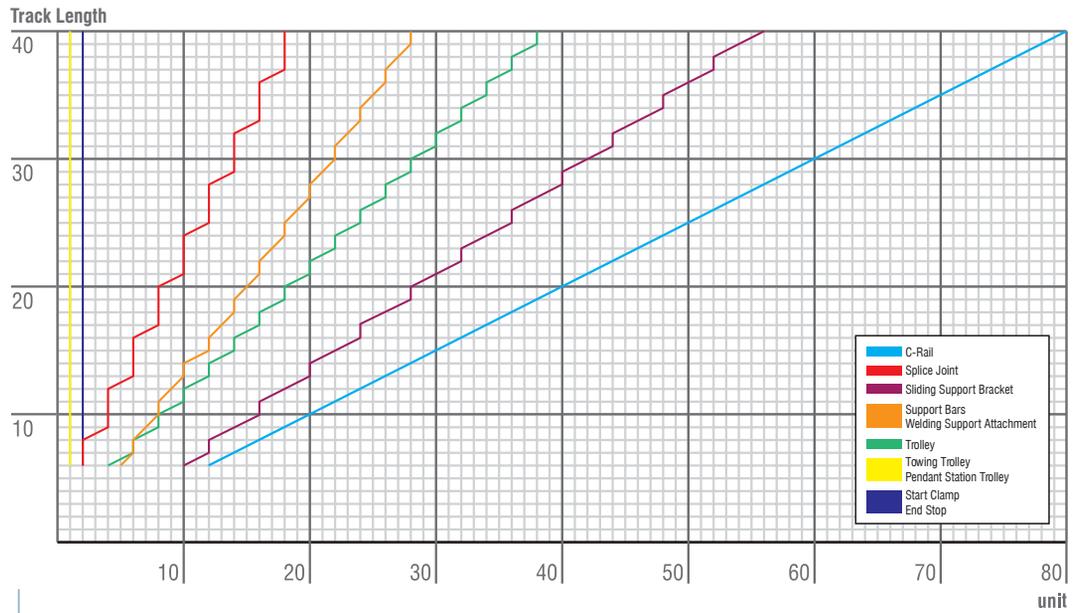
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General System Application Product Unit Chart

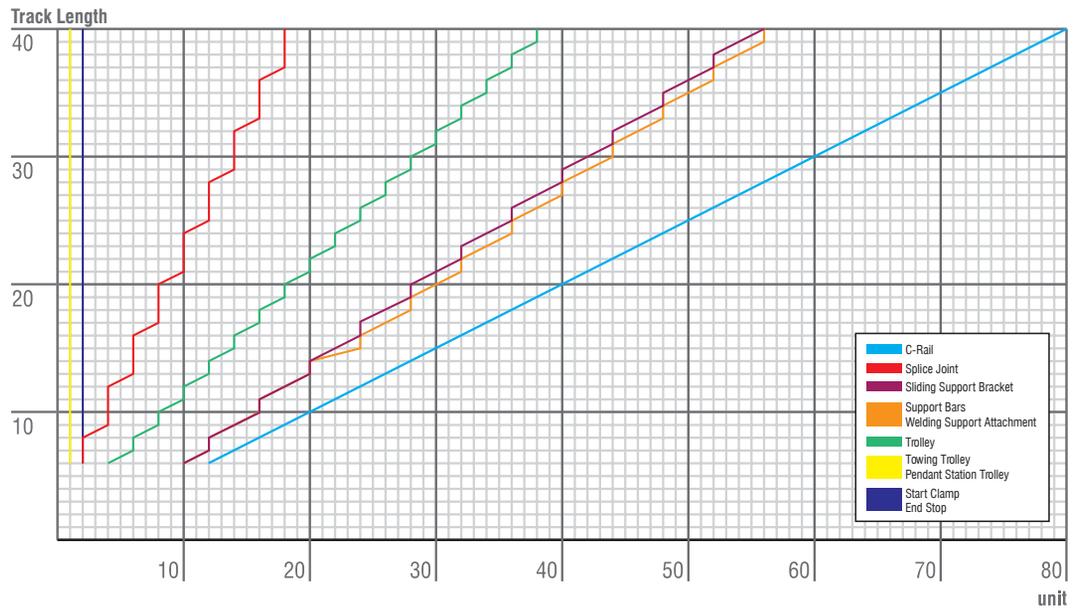
Monorail Application



Double Girder Application (One Side Systems Arrangement)



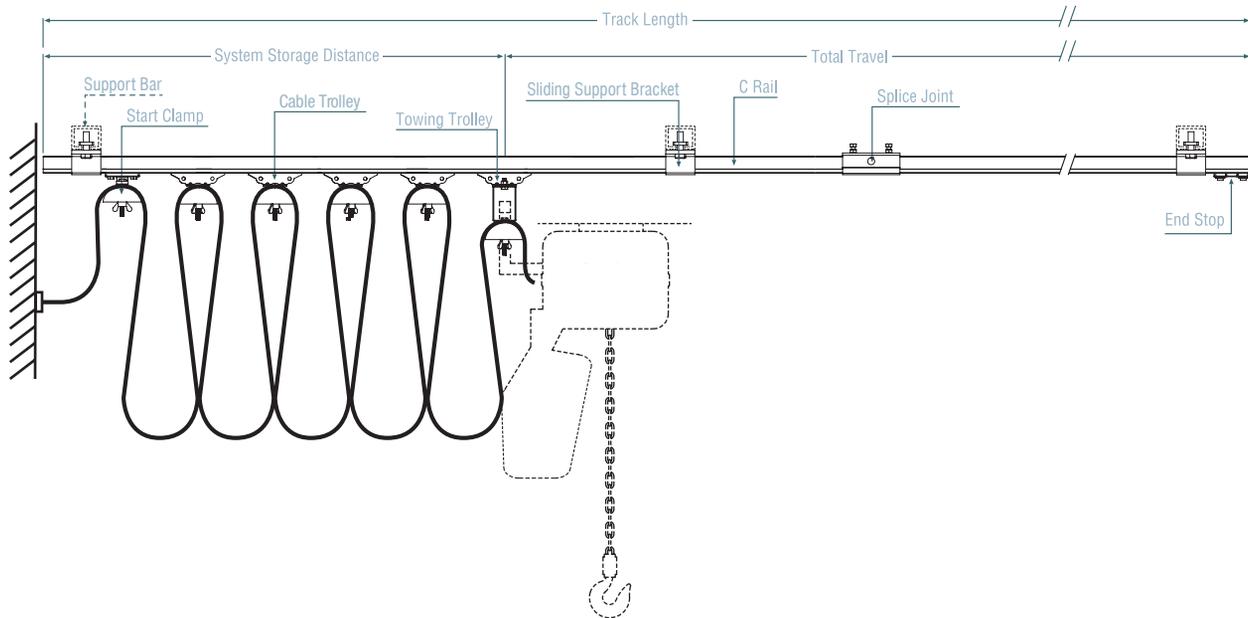
Double Girder Application (Two Side Systems Arrangement)



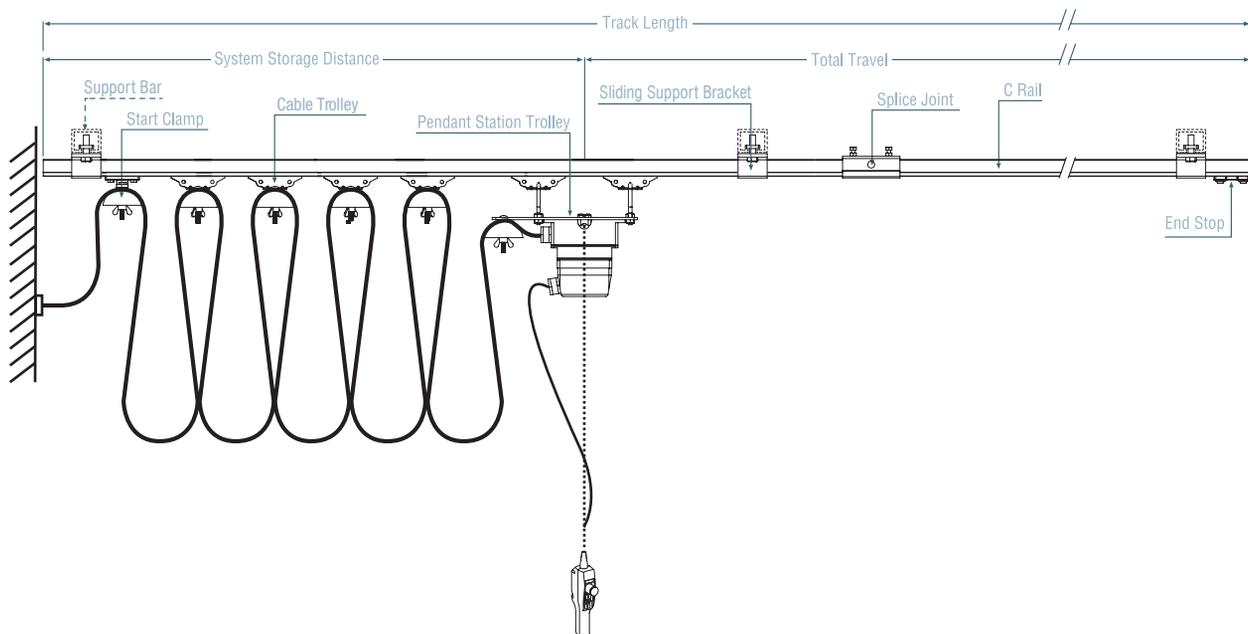
NOTE: The constant numbers in this chart are used in general system applications. Please contact with our company about the in-system numbers of c-rail and equipments which will be used in different system and working conditions.

If you would prefer our sales engineers to carry out the appropriate festoon selection for you and at the same time prepare a quotation for your consideration, please directly contact us +90 332 235 35 10 phone number or e-mail:sales@vasel.com.tr

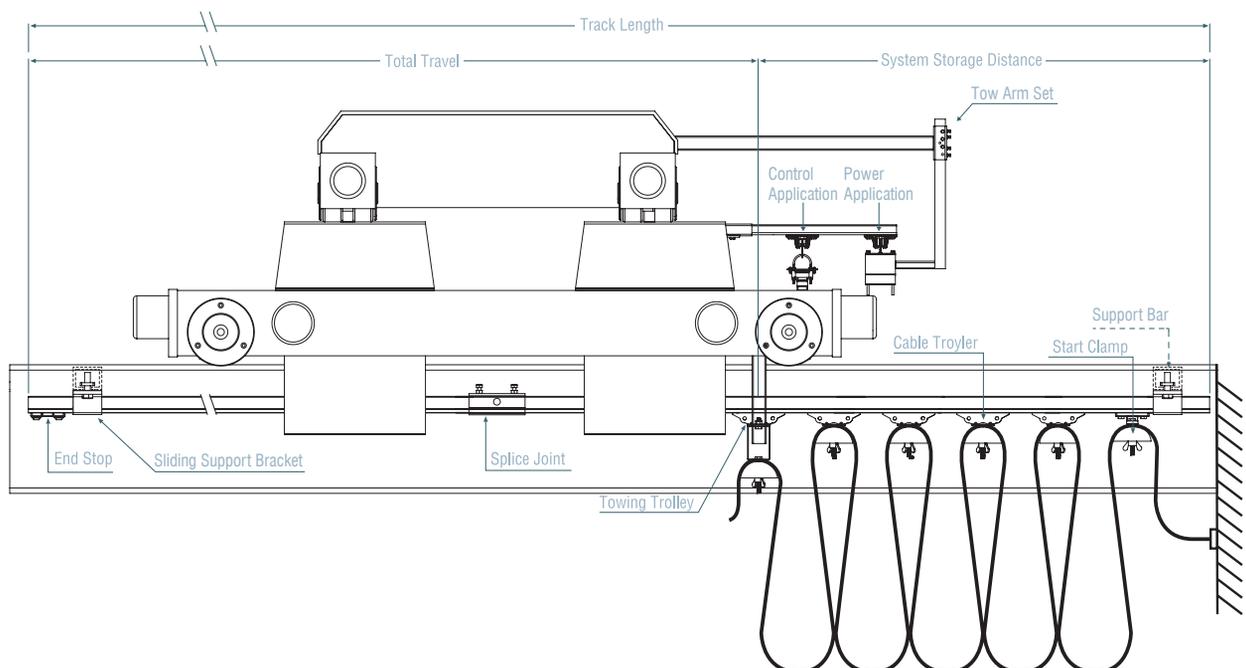
Power Application (Typical using flatform cable)



Control Application (Typical using flatform cable)



Runway Application (Typical using flatform cable)



Company Information

Date Contact Person E-Mail

Company Name Department Web

Address Phone *Please answer all the following questions as accurately as possible. This information will form the basis of our quotation to you.*

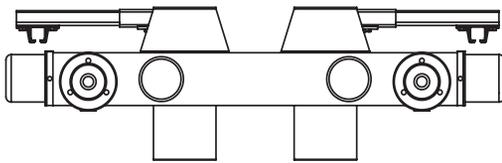
..... Fax

System Information

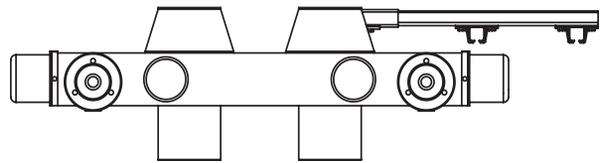
Type Of Application Outdoor Indoor Temperature Range °C min °C max Daily working hours day/hour

Mounting Part Arrangement Types With Support Bar (see page 26-27)

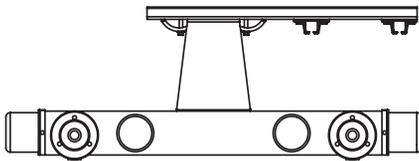
- Double Girder**
(two side Support bar arrangement)



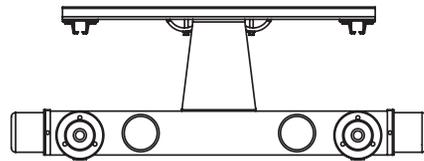
- Double Girder**
(one side Support bar arrangement)



- Monarail**
(one side Support bar arrangement)



- Monarail**
(two side Support bar arrangement)



Power Application (see page 5)

- Tow Arm Arrangement**
(see page 24 / 28)

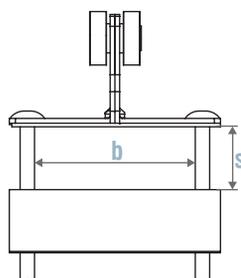
L1 mm
L2 mm
L3 mm

System storage distance m
Track Length m
Max loop depth cm
Travel Speed m/min
Min Bending Radius mm

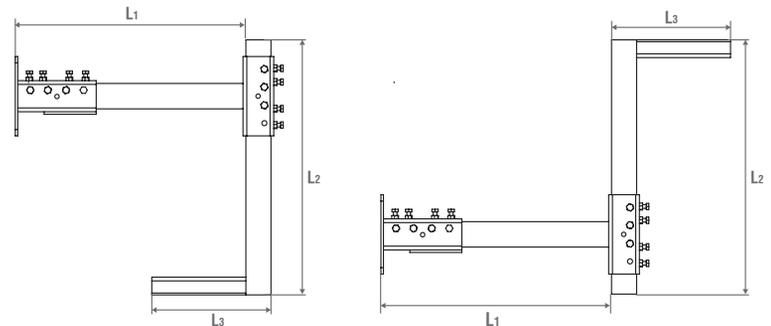
- Flatform Cables** (see page 31-38)

Cab. No	Width	Thickness
.....	mm	mm
.....	mm	mm
.....	mm	mm

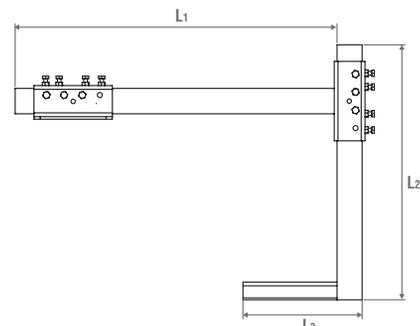
s mm
b mm



- VS1008BS1 (see page 24)



- VS1008AS1 (see page 24)



- Roundform Cables** (see page 39-45)

Cab. No	Cable Dim. ØD
.....	mm
.....	mm
.....	mm



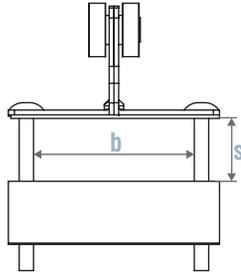
Control Application *(see page 5)*

Flatform Cables *(see page 31-38)*

Roundform Cables *(see page 39-45)*

<u>Cab.</u>		
<u>No</u>	<u>Width</u>	<u>Thickness</u>
.....	mm	..... mm
.....	mm	..... mm
.....	mm	..... mm

s mm
b mm



<u>Cab.</u>	<u>Cable Dim. ØD</u>	
<u>No</u>		..... mm
.....		..... mm
.....		..... mm



Runway Girder Application *(see page 5)*

Tow Arm Arrangement
(see page 24-25 / 29)

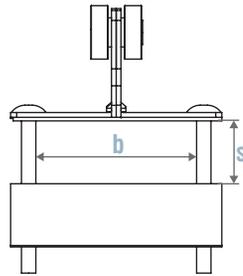
System storage distance m
Track Length m
Max loop depth cm
Travel Speed m/min
Min Bending Radius mm

L1 mm
L2 mm
L3 mm

Flatform Cables *(see page 31-38)*

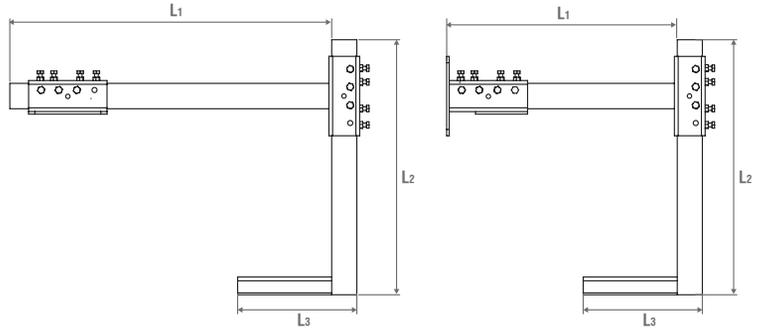
<u>Cab.</u>		
<u>No</u>	<u>Width</u>	<u>Thickness</u>
.....	mm	..... mm
.....	mm	..... mm
.....	mm	..... mm

s mm
b mm



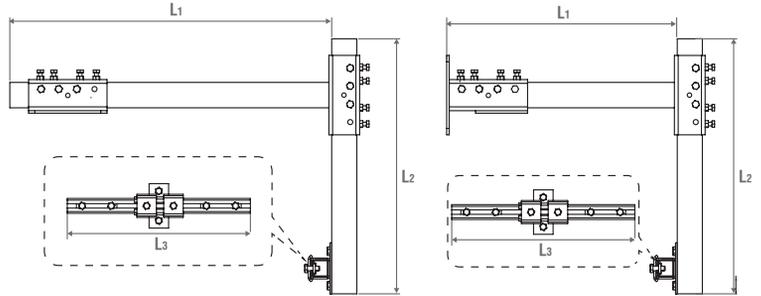
VS1008AS1 *(see page 24)*

VS1008BS1 *(see page 24)*



VS1008AS2 *(see page 25)*

VS1008AS2 *(see page 25)*



Roundform Cables *(see page 39-45)*

<u>Cab.</u>	<u>Cable Dim. ØD</u>	
<u>No</u>		..... mm
.....		..... mm
.....		..... mm



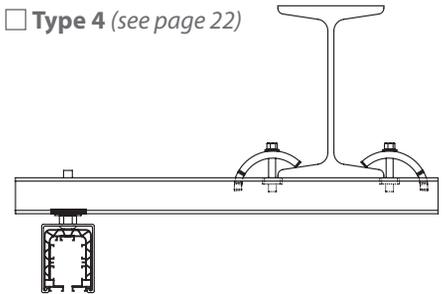
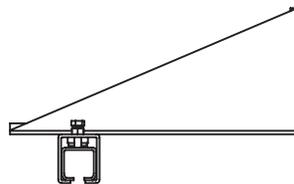
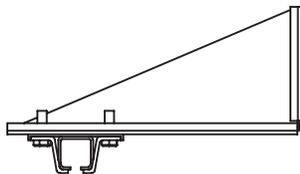
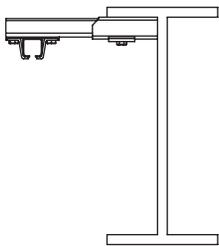
Support Bracket Arrangement

Type 1

Type 2 *(see page 13-14)*

Type 3 *(see page 13-14)*

Type 4 *(see page 22)*



End Carriage Cap
(see page 8-11,48)

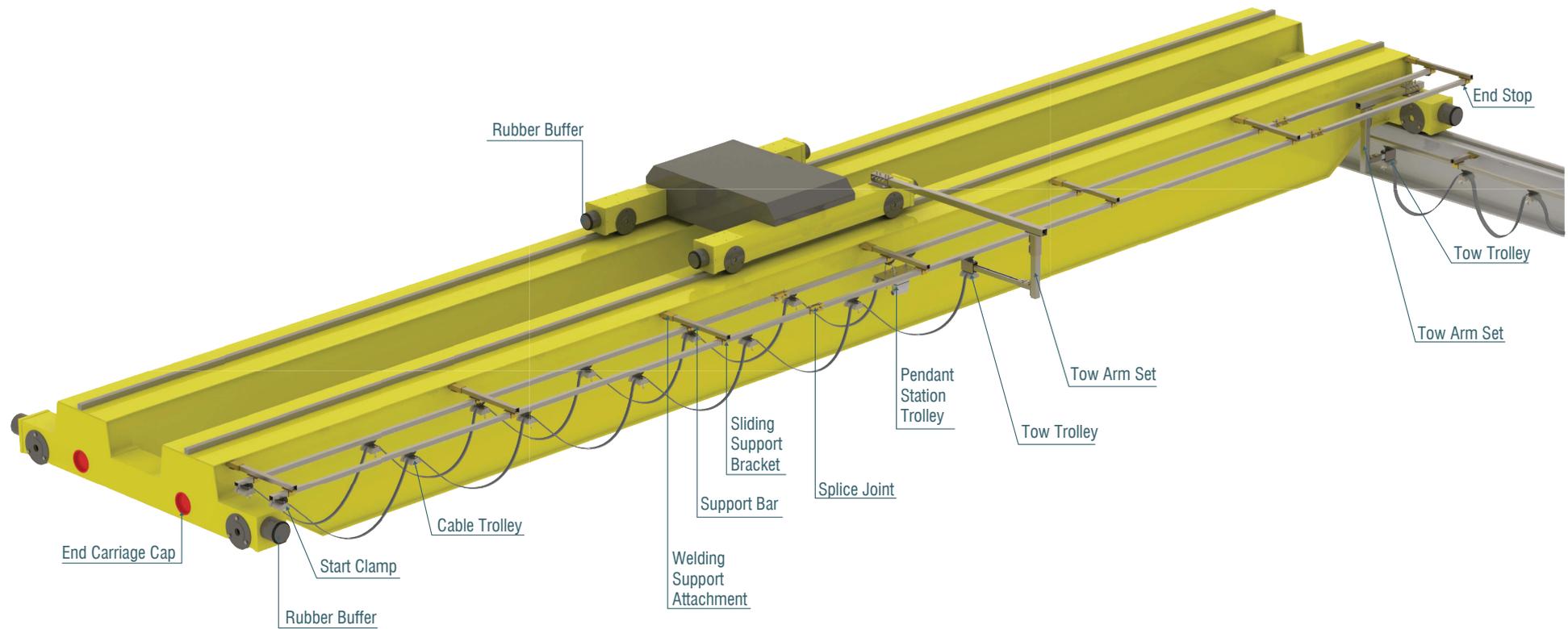
Rubber Buffer *(see page 8-11,48)*

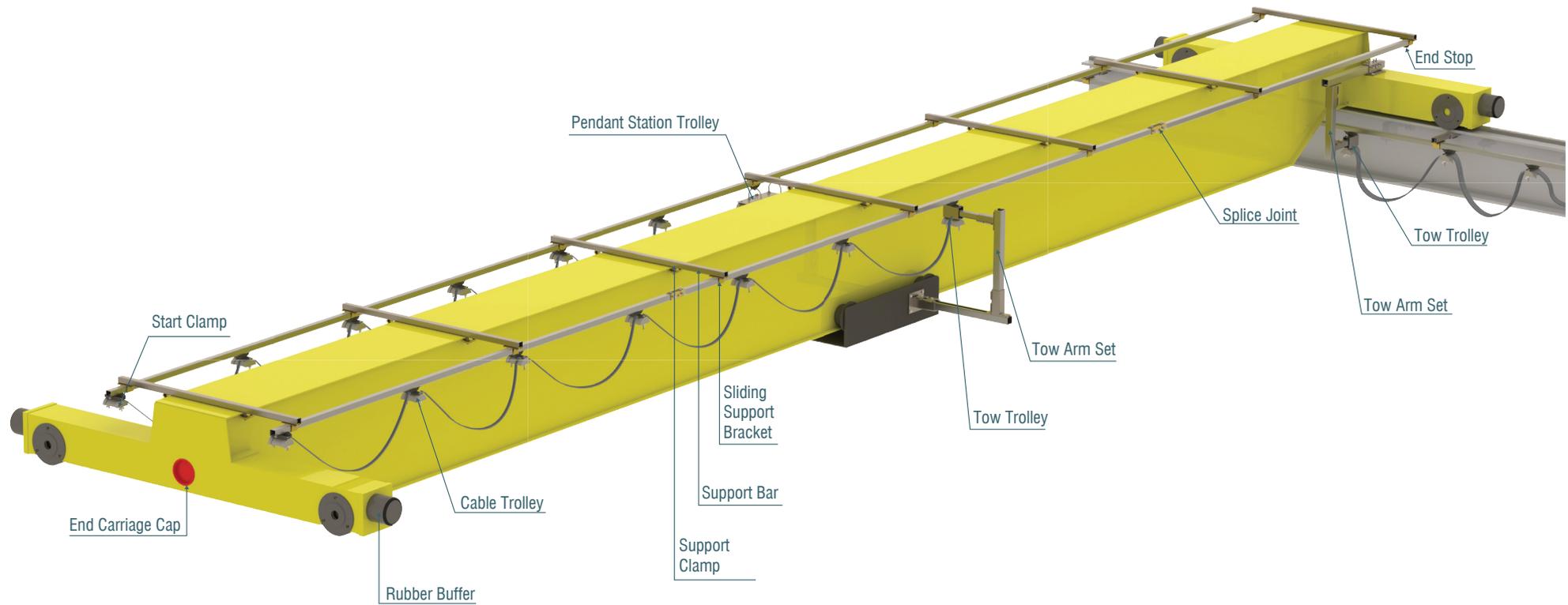
Product Code:...../.....unit *(for main trolley arrangement)*

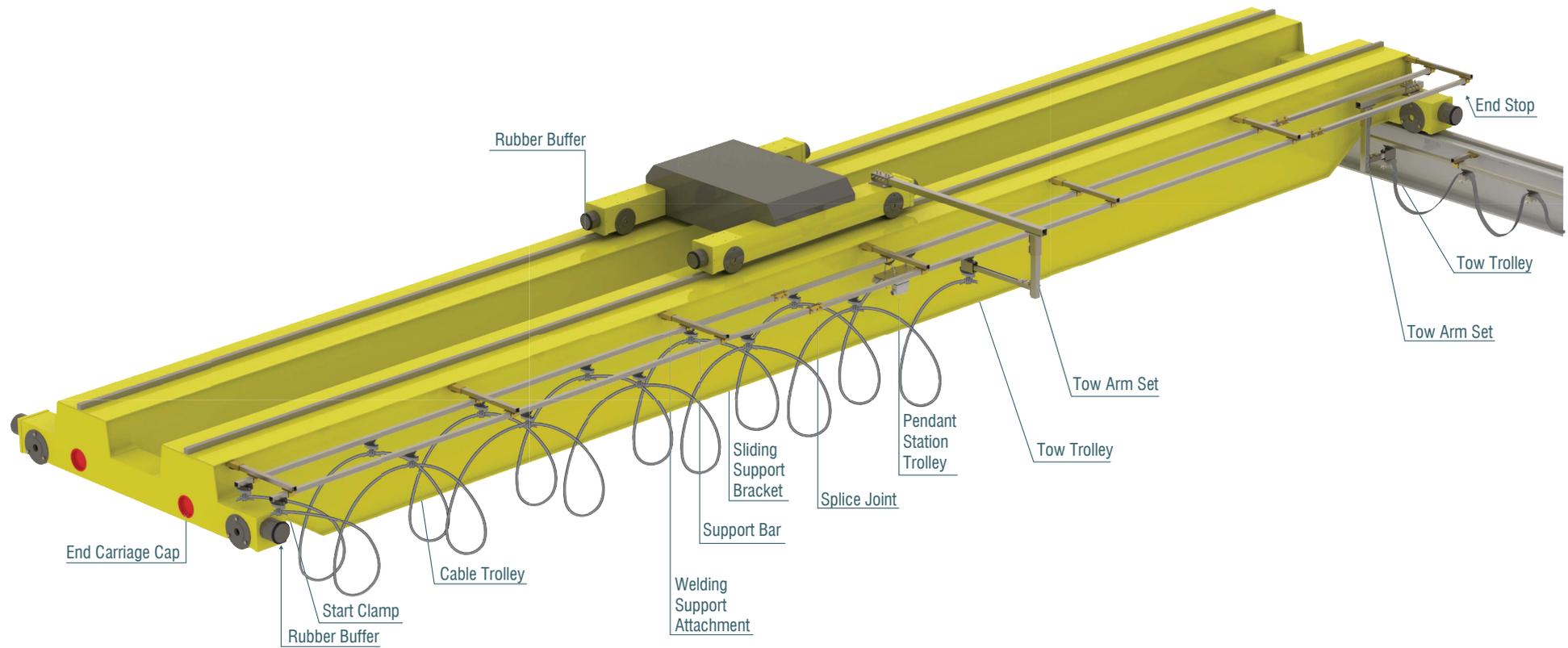
Product Code:...../.....unit *(for runway girder arrangement)*

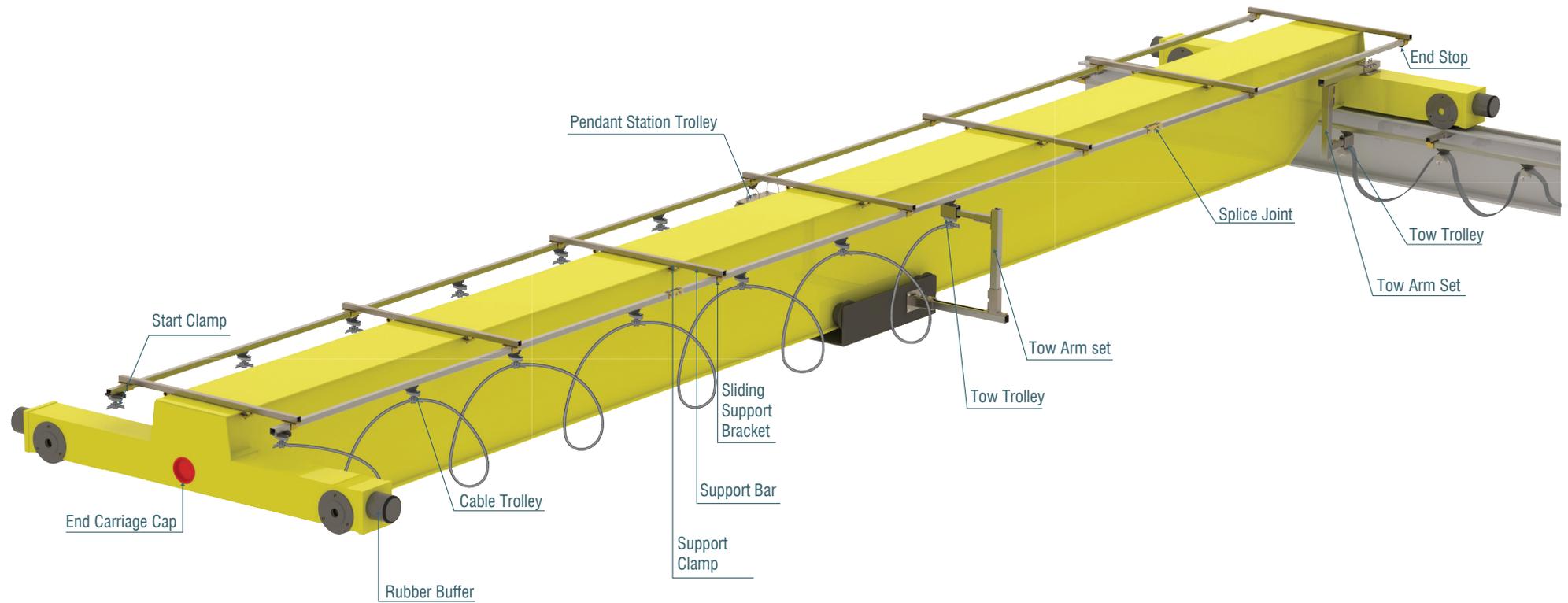
Special operating conditions :

Any additional data:





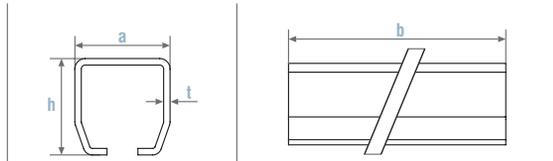




C-Rail
VS1032R2 / VS1032R4



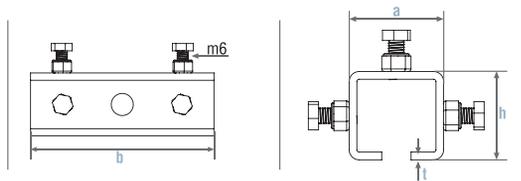
Product Code	Material	Weight (kg/m)	Supply Lengths (b)	Dimensions (mm)		
				a	h	t
VS1032R2	Steel (galvanised)	1,19	4 m	32	30	1,5
VS1032R4	Steel (galvanised)	1,58	4 m	32	30	2,0



Splice Joint
VS1032E2



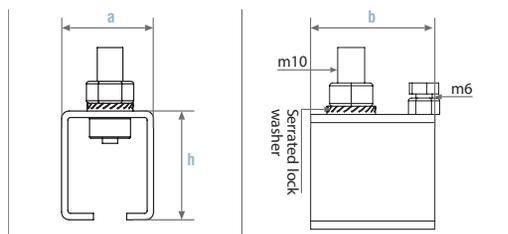
Product Code	Material	Weight (kg)	Dimensions (mm)			
			a	h	b	t
VS1032E2	Steel (galvanised)	0,30	39	37	100	3



Support Bracket (with one connection bolt) (suitable for 1009 series or existing steel structure)
VS1032A2

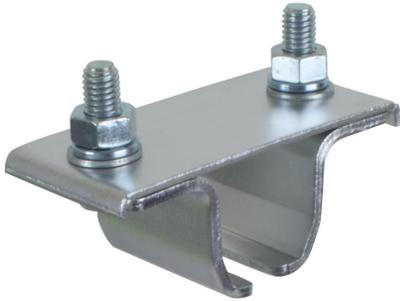


Product Code	Material	Weight (kg)	Dimensions (mm)		
			a	h	b
VS1032A2	Steel (galvanised)	0,20	38	45	47

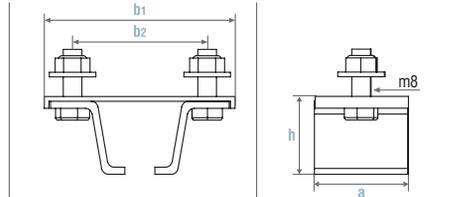


*See application examples with 1009 series support attachment on page 14

■ **Support Bracket (with two connection bolt) (suitable for 1009 series or existing steel structure)**
VS1032D6



Product Code	Material	Weight (kg)	Dimensions (mm)			
			a	b ₁	b ₂	h
VS1032D6	Steel (galvanised)	0,20	40	85	60	35

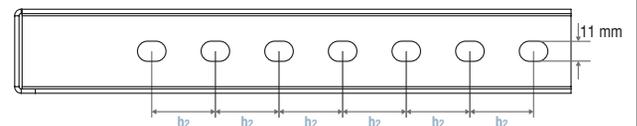
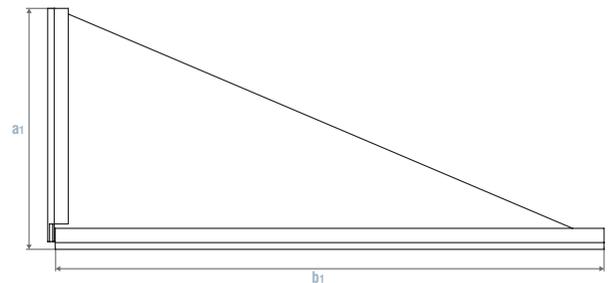
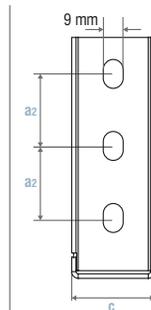


*See application examples with 1009 series support attachment on page 14

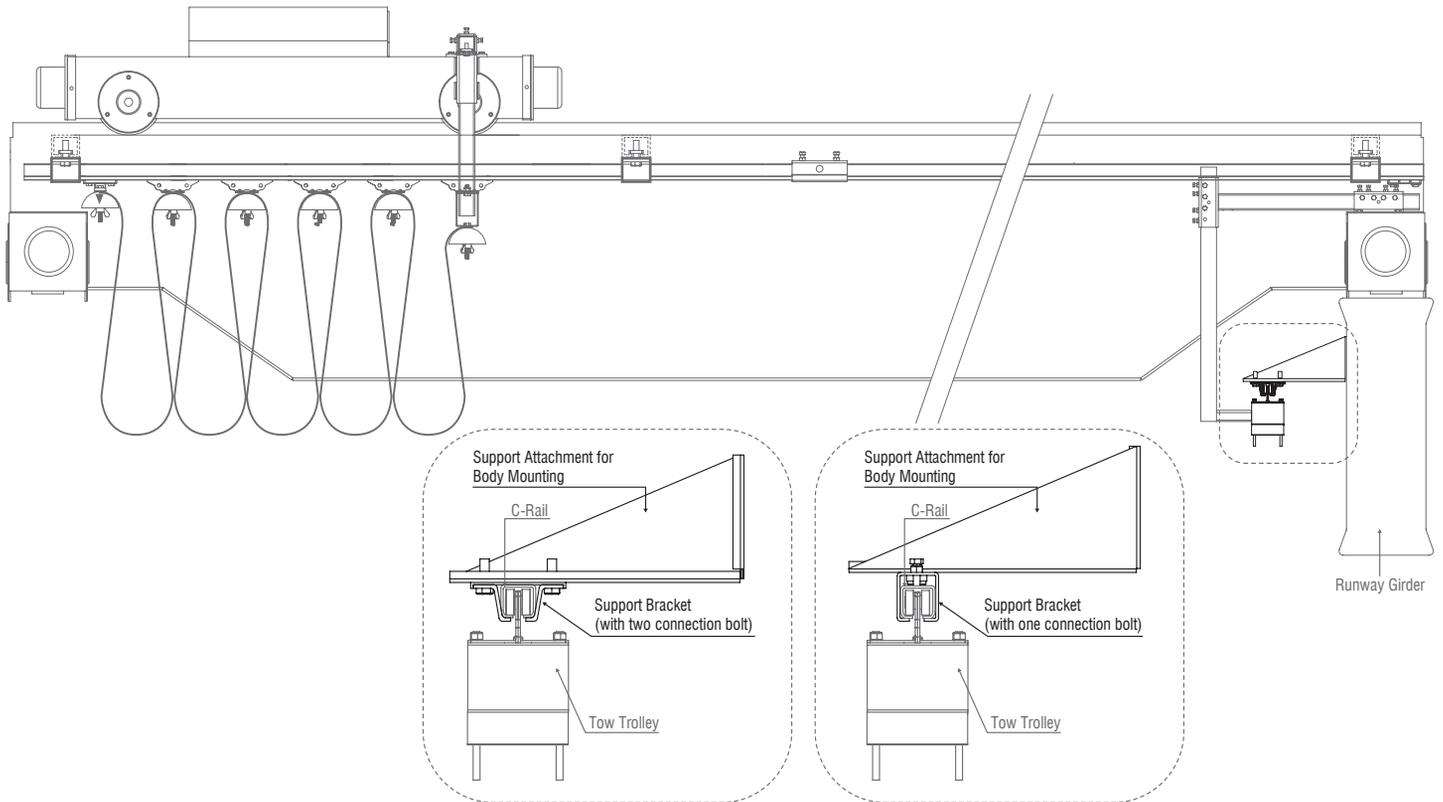
■ **Support Attachment for Body Mounting (1009 series)**
VS1009S1



Product Code	Material	Weight (kg)	Dimensions (mm)				
			a ₁	a ₂	b ₁	b ₂	c
VS1009S1	Steel (galvanised)	0,44	110	25	250	58	30



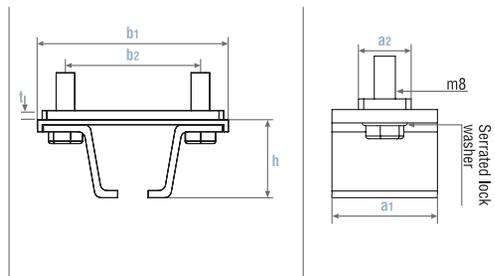
*See application examples for girder arrangement on page 14



Sliding Support Bracket (suitable for 1011 series)
VS1032D3



Product Code	Material	Weight (kg)	Dimensions (mm)					
			a ₁	a ₂	b ₁	b ₂	h	t
VS1032D2	Steel (galvanised)	0,24	40	25	85	60	35	4

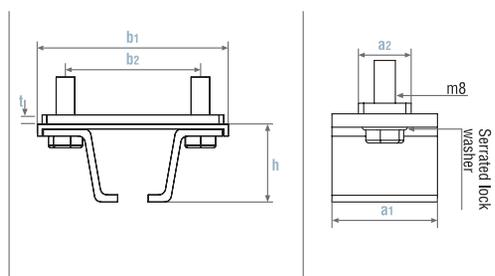


**See application examples for girder arrangement on page 26-27*

Sliding Support Bracket (suitable for 1012 series)
VS1032D4



Product Code	Material	Weight (kg)	Dimensions (mm)					
			a ₁	a ₂	b ₁	b ₂	h	t
VS1032D4	Steel (Galvanised)	0,27	40	30	85	60	35	4

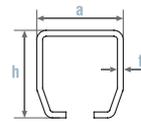
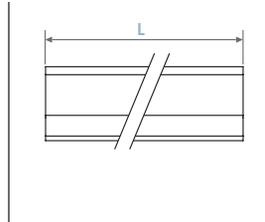


**See application examples for girder arrangement on page 26-27*

Support Bars (1011 series)
VS1011B/....



Product Code	Material	Weight (kg/m)	Dimensions (mm)		
			a	h	t
VS1011B/....	Steel (galvanised)	1,58	32	30	2



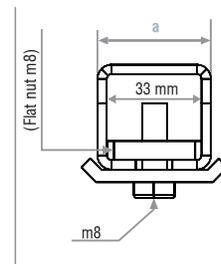
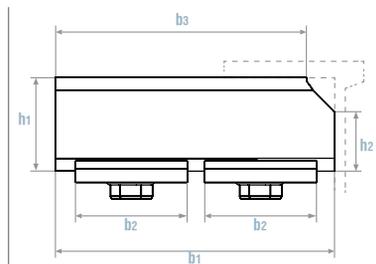
*See application examples for girder arrangement on page 26-27

*This product is between different sizes (250 mm - 2000 mm) can be produced. Please contact our company with system requirements

Welding Support Attachment (1011 series)
VS1011K



Product Code	Material	Weight (kg)	Dimensions (mm)					
			a	b ₁	b ₂	b ₃	h ₁	h ₂
VS1011K	Steel	0,36	39	100	40	90	37	23

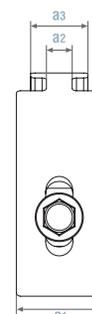
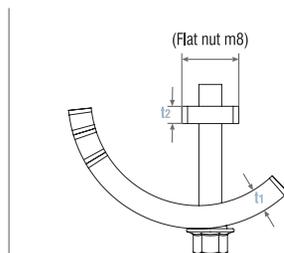


*See application examples for girder arrangement on page 26-27

Support Clamp (1011 series)
VS1011C2



Product Code	Material	Weight (kg)	Dimensions (mm)				
			a ₁	a ₂	a ₃	t ₁	t ₂
VS1011C2	Steel (galvanised)	0,18	30	8	20	8	4

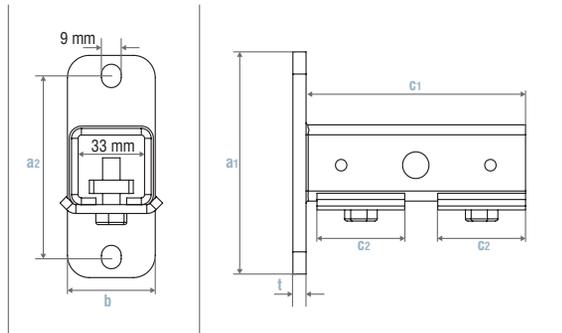


*See application examples for girder arrangement on page 26-27

■ **Support Attachment (2 hole) for Body Mounting (1011 series)**
VS1011U2



Product Code	Material	Weight (kg/m)	Dimensions (mm)					
			a ₁	a ₂	b	c ₁	c ₂	t
VS1011U2	Steel (galvanised)	0,65	100	82	40	100	40	6

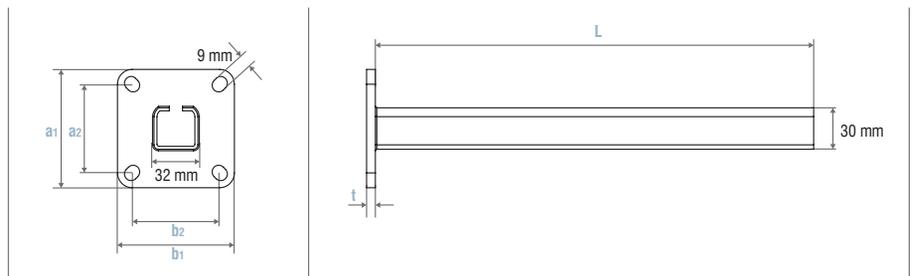


*See application examples for body mounting arrangement on page 23

■ **Support Arm for Body Mounting (1011 series)**
VS1011S4/...



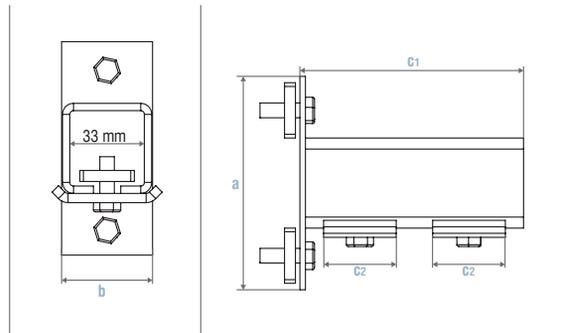
Product Code	Material	Dimensions (mm)				
		a ₁	a ₂	b ₁	b ₂	t
VS1011S4/...	Steel (galvanised)	80	60	80	60	6



*See application examples for body mounting arrangement on page 23

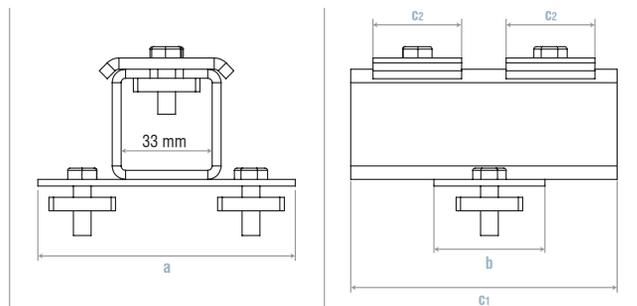
■ **Support Attachment for Support Bar Mounting (1011 series) (2HVP)**
VS1011Y2VP

Product Code	Material	Weight (kg/m)	Dimensions (mm)			
			a	b	c ₁	c ₂
VS1011Y2VP	Steel (galvanised)	0,61	90	40	103	40



■ **Support Attachment for Support Bar Mounting (1011 series) (2HHP)**
VS1011Y2HP

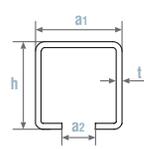
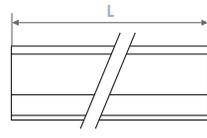
Product Code	Material	Weight (kg/m)	Dimensions (mm)			
			a	b	c ₁	c ₂
VS1011Y2HP	Steel (galvanised)	0,61	90	40	100	40



Support Bars (1012 series)
VS1012B/....



Product Code	Material	Weight (kg/m)	Dimensions (mm)			
			a ₁	a ₂	h	t
VS1012B/....	Steel (galvanised)	2,60	40	14	40	2,5



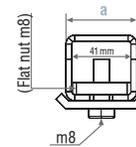
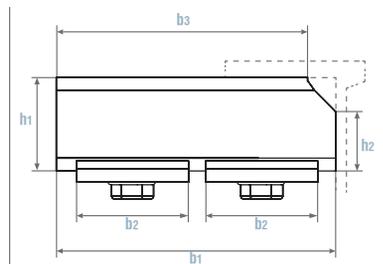
*See application examples for girder arrangement on page 26-27

*This product is between different sizes (300mm - 2000 mm) can be produced. Please contact our company with system requirements

Welding Support Attachment (1012 series)
VS1012K



Product Code	Material	Weight (kg)	Dimensions (mm)					
			a	b ₁	b ₂	b ₃	h ₁	h ₂
VS1012K	Steel	0,70	51	120	40	107	51	36

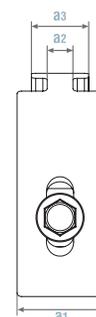
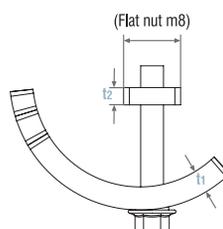


*See application examples for girder arrangement on page 26-27

Support Clamp (1012 series)
VS1012C2

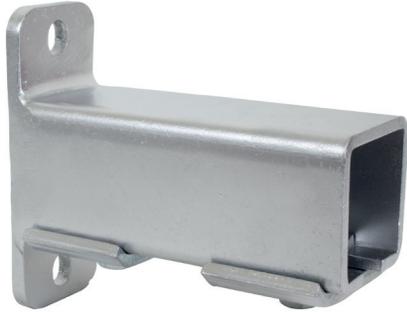


Product Code	Material	Weight (kg)	Dimensions (mm)				
			a ₁	a ₂	a ₃	t ₁	t ₂
VS1012C2	Steel (galvanised)	0,19	30	10	25	8	4

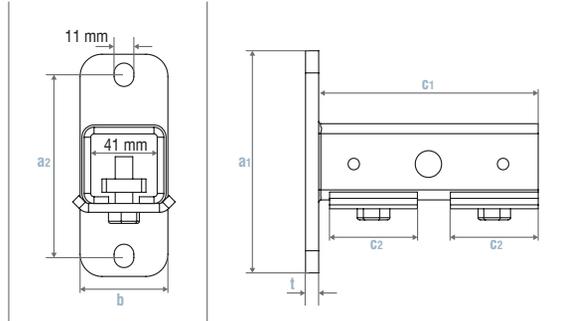


*See application examples for girder arrangement on page 26-27

Support Attachment (2 hole) for Body Mounting (1012 series)
VS1012U2



Product Code	Material	Weight (kg/m)	Dimensions (mm)					
			a ₁	a ₂	b	c ₁	c ₂	t
VS1012U2	Steel (galvanised)	1,10	110	87	45	125	40	6

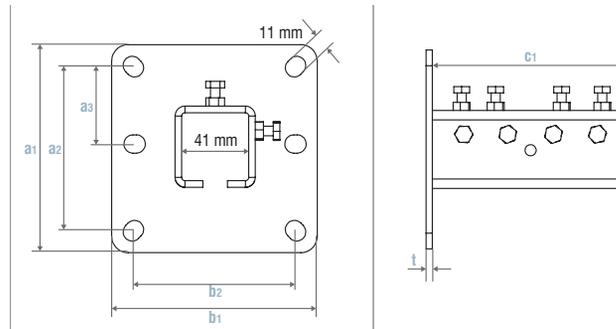


*See application examples for body mounting arrangement on page 23

Support Attachment (6 hole) for Vertical Body Mounting (with fixing bolt)(1012 series)
VS1012U6VB



Product Code	Material	Weight (kg/m)	Dimensions (mm)						
			a ₁	a ₂	a ₃	b ₁	b ₂	c ₁	t
VS1012U6VB	Steel (galvanised)	1,14	125	99	49,5	125	99	125	4

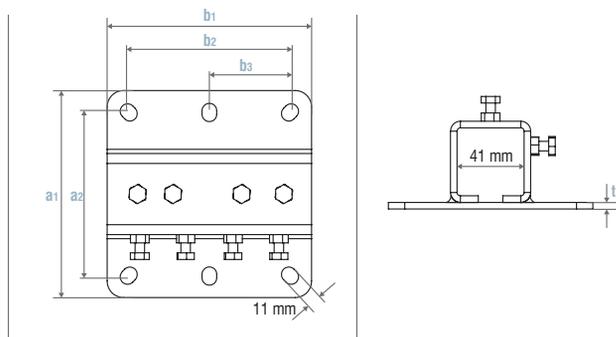


*See application examples for towing arrangement on page 24-25

Support Attachment (6 hole) for Horizontal Body Mounting (with fixing bolt)(1012 series)
VS1012U6HB



Product Code	Material	Weight (kg/m)	Dimensions (mm)					
			a ₁	a ₂	b ₁	b ₂	b ₃	t
VS1012U6HB	Steel (galvanised)	1,16	125	99	125	99	49,5	4



*See application examples for towing arrangement on page 24-25

■ **Support Attachment (6 hole) for Horizontal Body Mounting (with fixing plate)(1012 series)**
VS1012U6HP



Product Code	Material	Weight (kg/m)	Dimensions (mm)					
			a ₁	a ₂	b ₁	b ₂	b ₃	t
VS1012U6HP	Steel (galvanised)	1,33	125	99	125	99	49,5	4

■ **Support Arm for Body Mounting (1012 series)**
VS1012S4/...

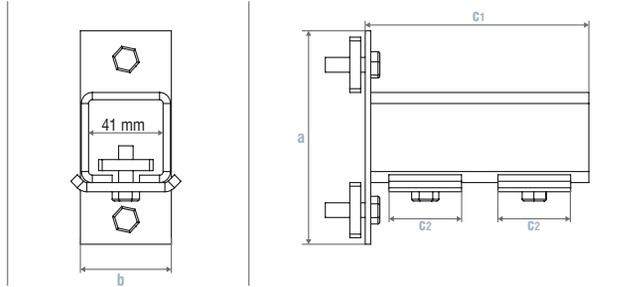
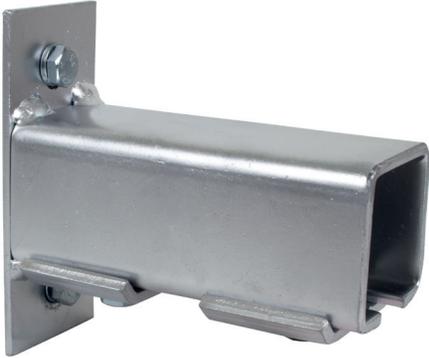


Product Code	Material	Dimensions (mm)				
		a ₁	a ₂	b ₁	b ₂	t
VS1012S4/...	Steel (galvanised)	100	80	100	80	6

*See application examples for body mounting arrangement on page 23

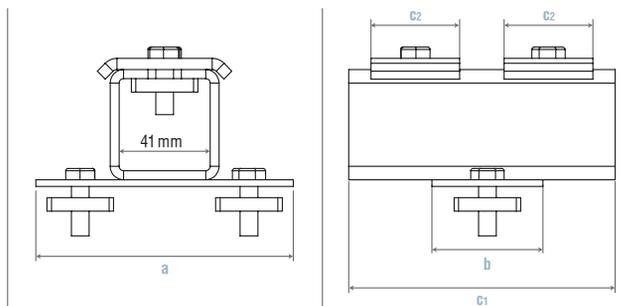
Support Attachment for Support Bar Mounting (1012 series) (2HVP)
VS1012Y2VP

Product Code	Material	Weight (kg/m)	Dimensions (mm)			
			a	b	c ₁	c ₂
VS1012Y2VP	Steel (galvanised)	1,07	116	50	128	40



Support Attachment for Support Bar Mounting (1012 series) (2HHP)
VS1012Y2HP

Product Code	Material	Weight (kg/m)	Dimensions (mm)			
			a	b	c ₁	c ₂
VS1012Y2HP	Steel (galvanised)	1,07	116	50	125	40



Support Bar (with one connection hole)

VS1011D/(L1) - (L2) VS1012D/(L1) - (L2)



Product Code	Material	Weight (kg/m)	Dimensions (mm)			
			a ₁	a ₂	h	t
VS1011D/.....	Steel (galvanised)	1,19	32	9	30	1,5
VS1012D/.....	Steel (galvanised)	2,60	40	14	40	2,5

Support Bar (with two connection holes)

VS1011G/(L1) - (L2) VS1012G/(L1) - (L2)



Product Code	Material	Weight (kg/m)	Dimensions (mm)			
			a ₁	a ₂	h	t
VS1011G/.....	Steel (galvanised)	1,19	32	9	30	1,5
VS1012G/.....	Steel (galvanised)	2,60	40	14	40	2,5

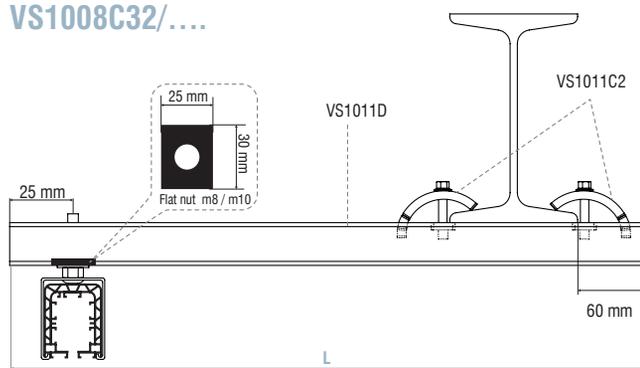
Enclosed Conductor Rail Hanger Sets

VS1008C32/(L) VS1008C40/(L)

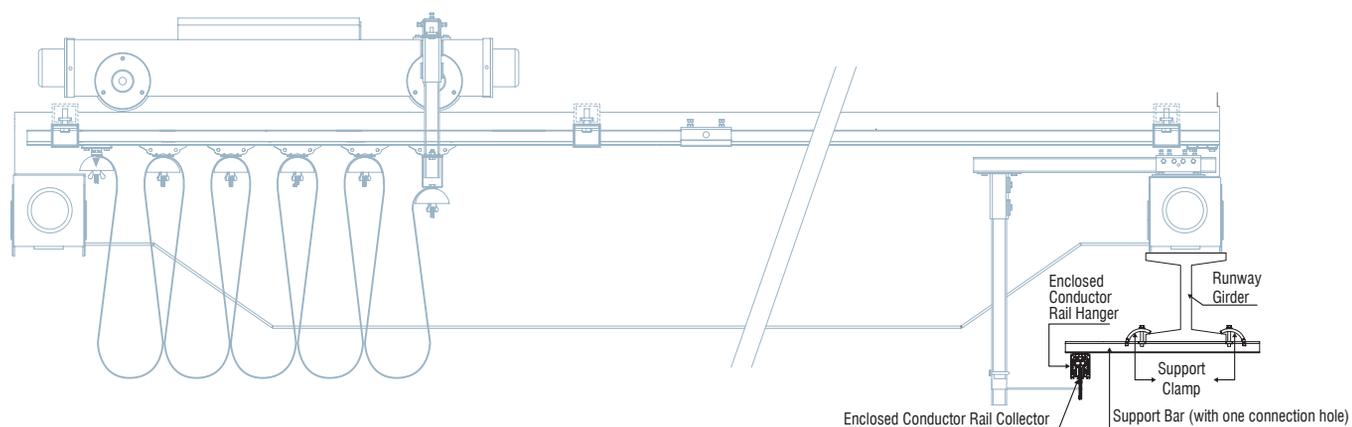
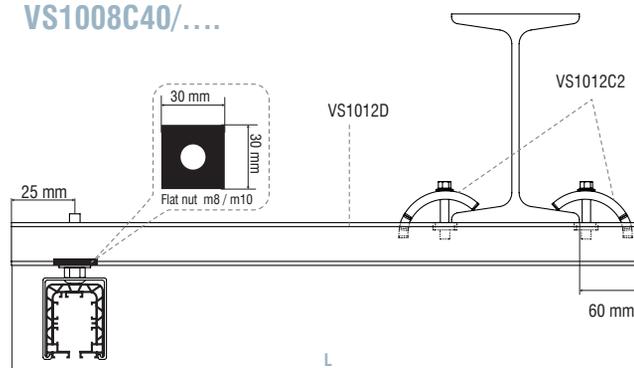


Product Code	Material
VS1008C32/....	Steel (galvanised)
VS1008C40/....	Steel (galvanised)

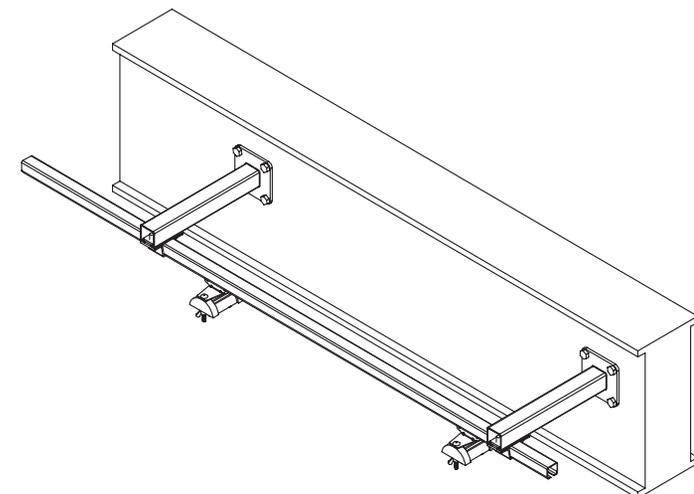
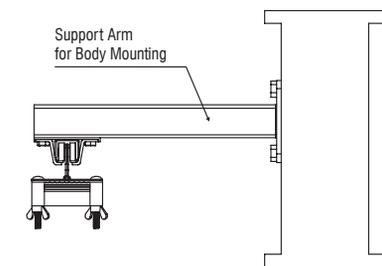
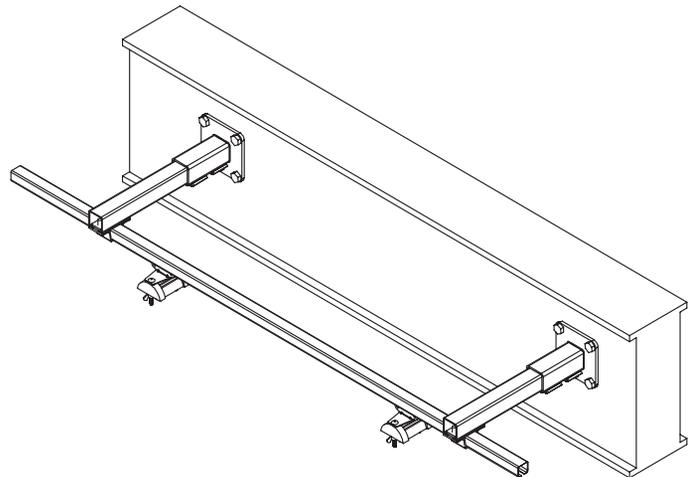
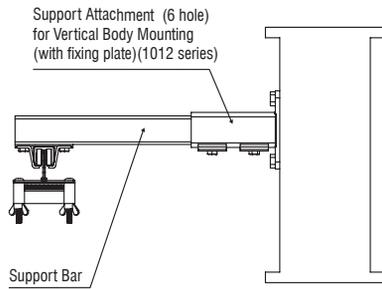
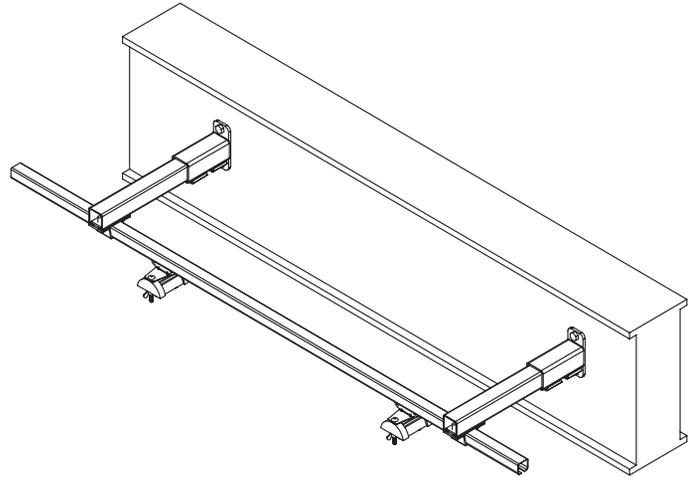
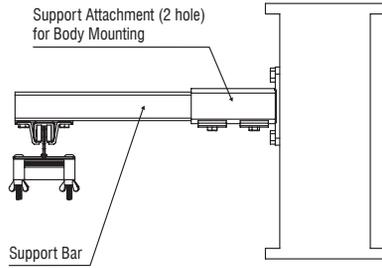
VS1008C32/....



VS1008C40/....

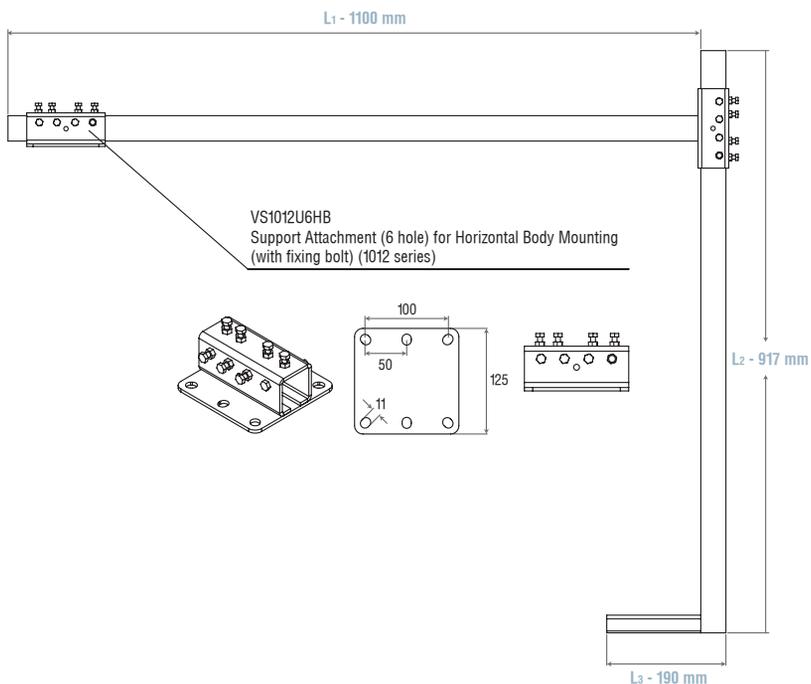


Mounting Examples with Support Attachments and Support Arms



Towing Arm Sets (for towing trolley)
VS1008AS1

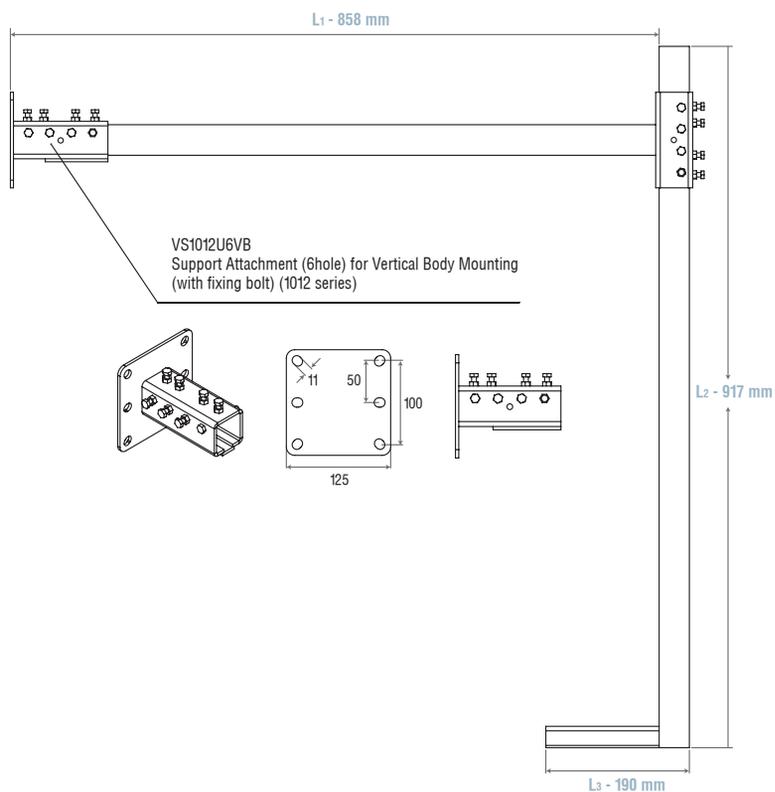
Product Code	Material
VS1008AS1	Steel (galvanised)



*See application examples for towing arrangement on page 26-27

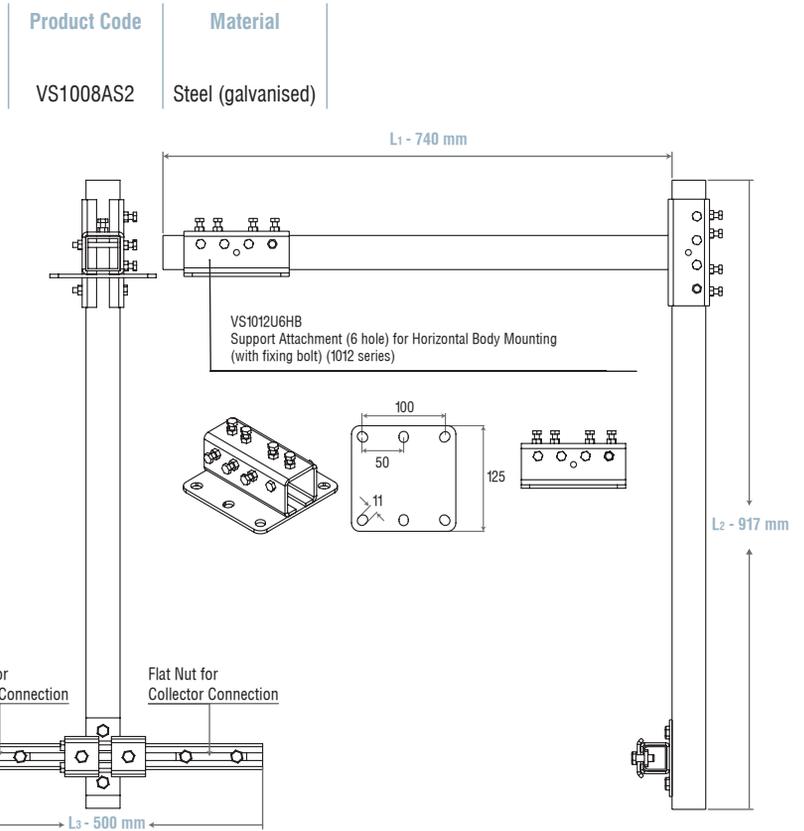
Towing Arm Sets (for towing trolley)
VS1008BS1

Product Code	Material
VS1008BS1	Steel (galvanised)



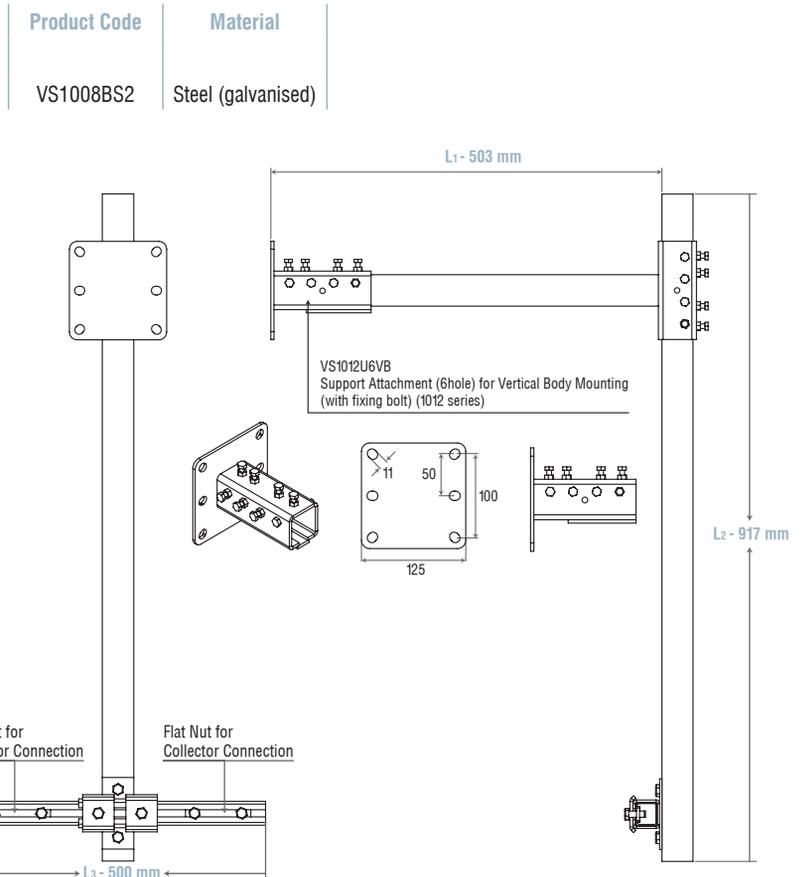
*See application examples for towing arrangement on page 26-27

Towing Arm Sets (for enclosed conductor rail collector)
VS1008AS2



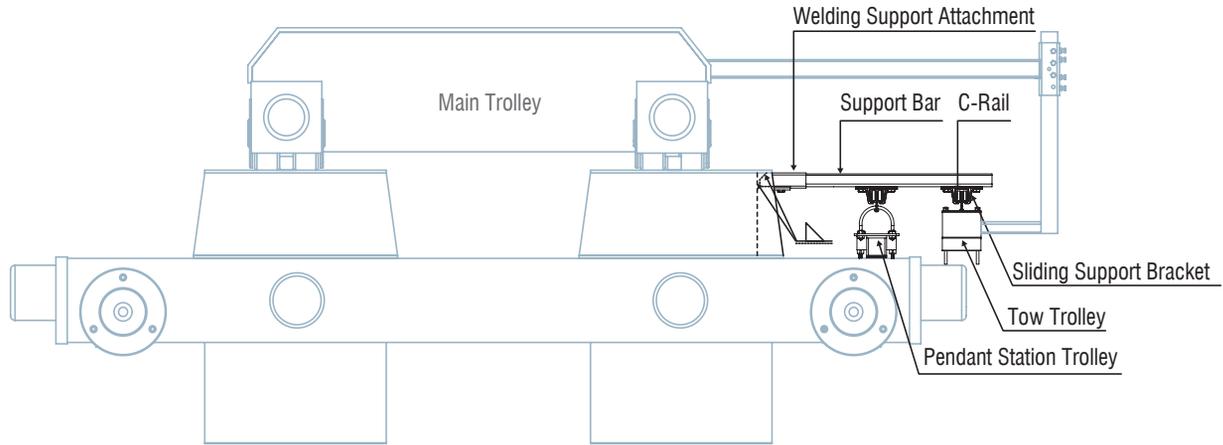
*See application examples for towing arrangement on page 27

Towing Arm Sets (for enclosed conductor rail collector)
VS1008BS2

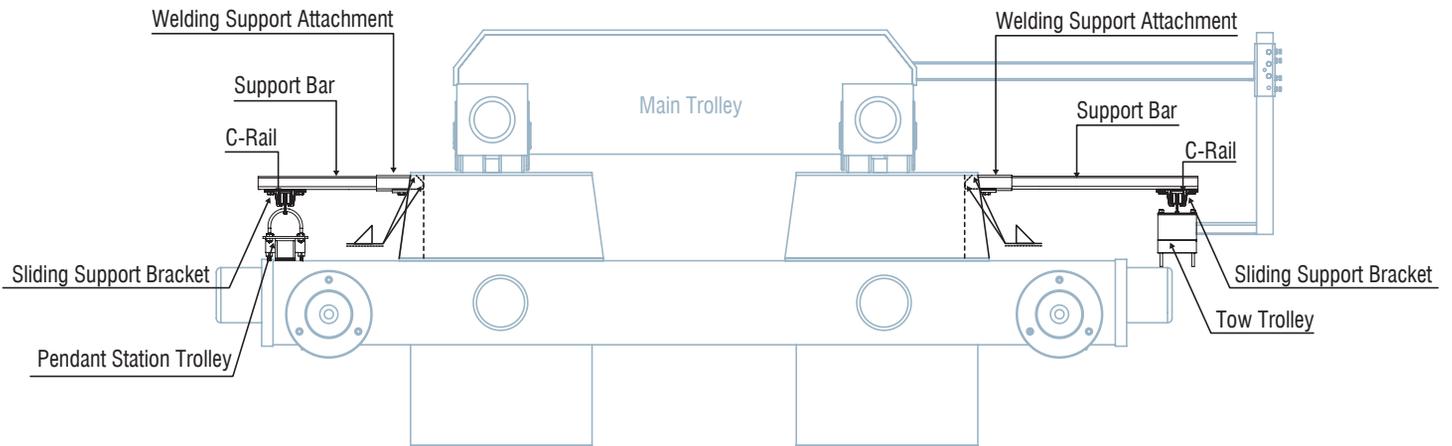


*See application examples for towing arrangement on page 27

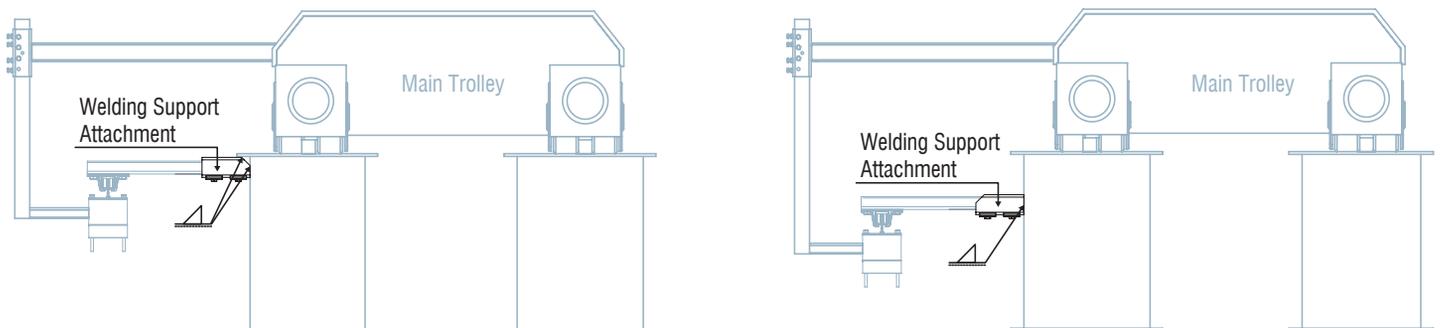
Application Example for One Side Support Bar Arrangement (double girder)



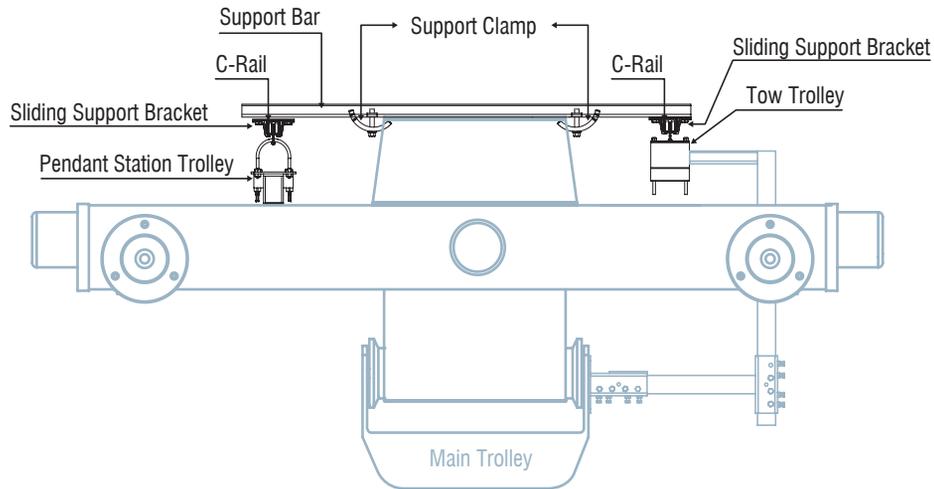
Application Example for Two Side Support Bar Arrangement (double girder)



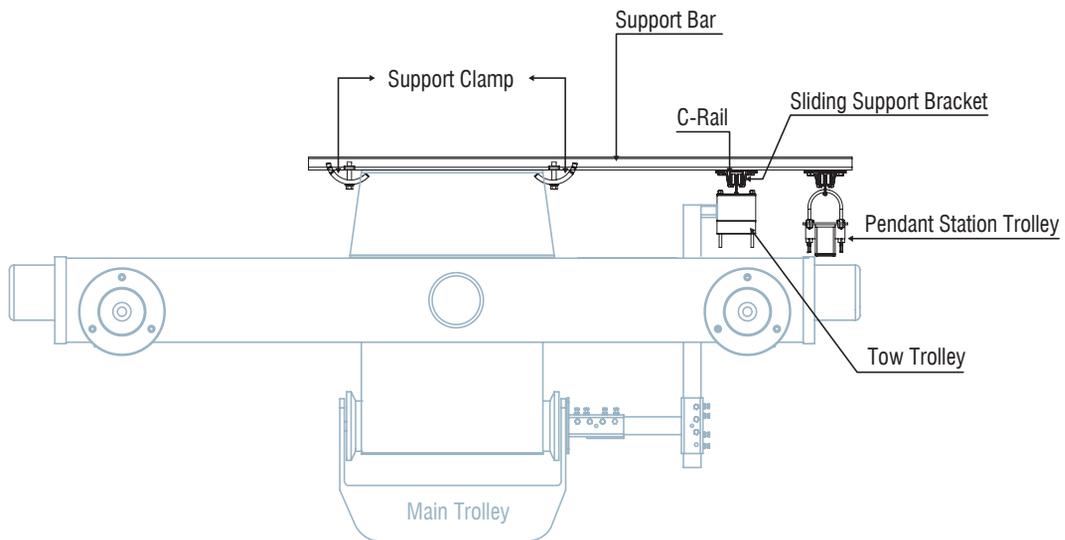
Application Types for Welding Support Attachment



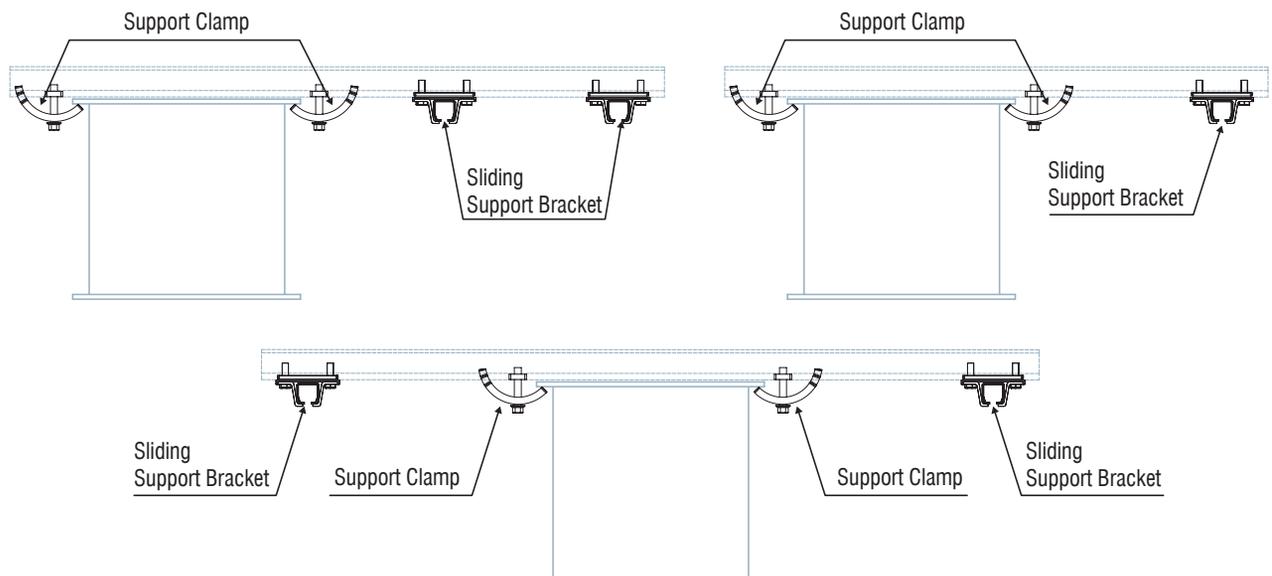
Application Example for Two Side Support Bar Arrangement (monorail system)



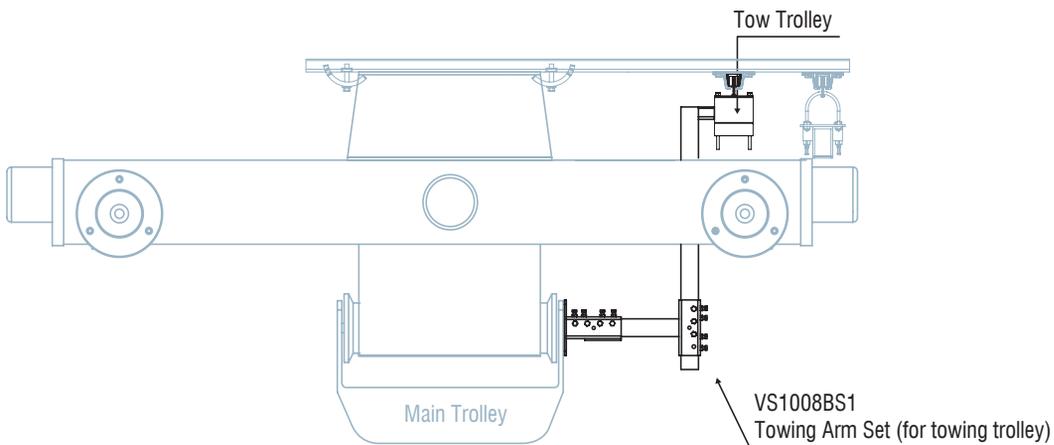
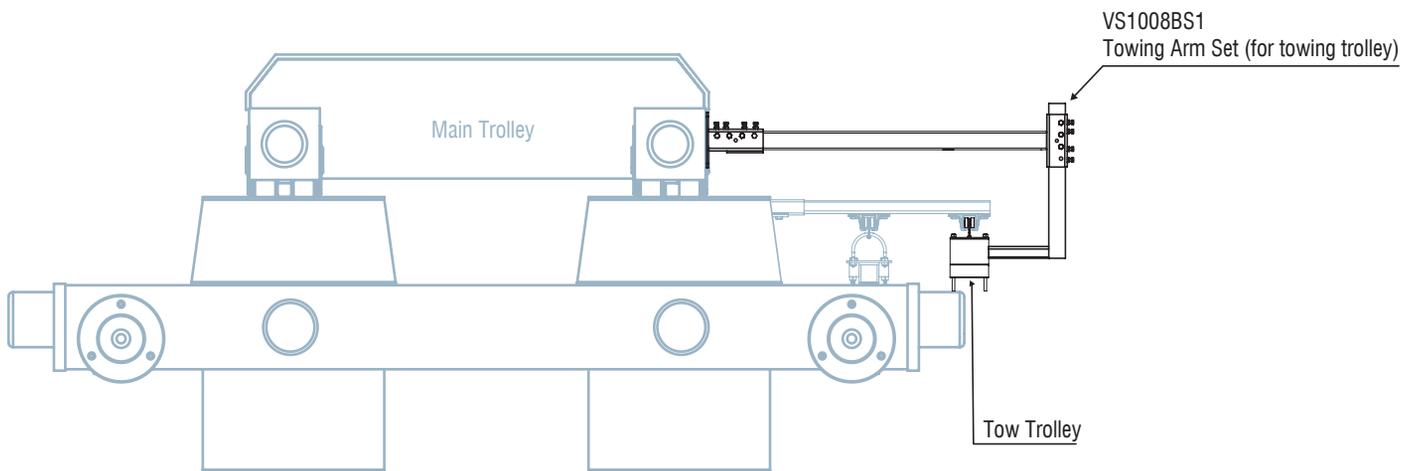
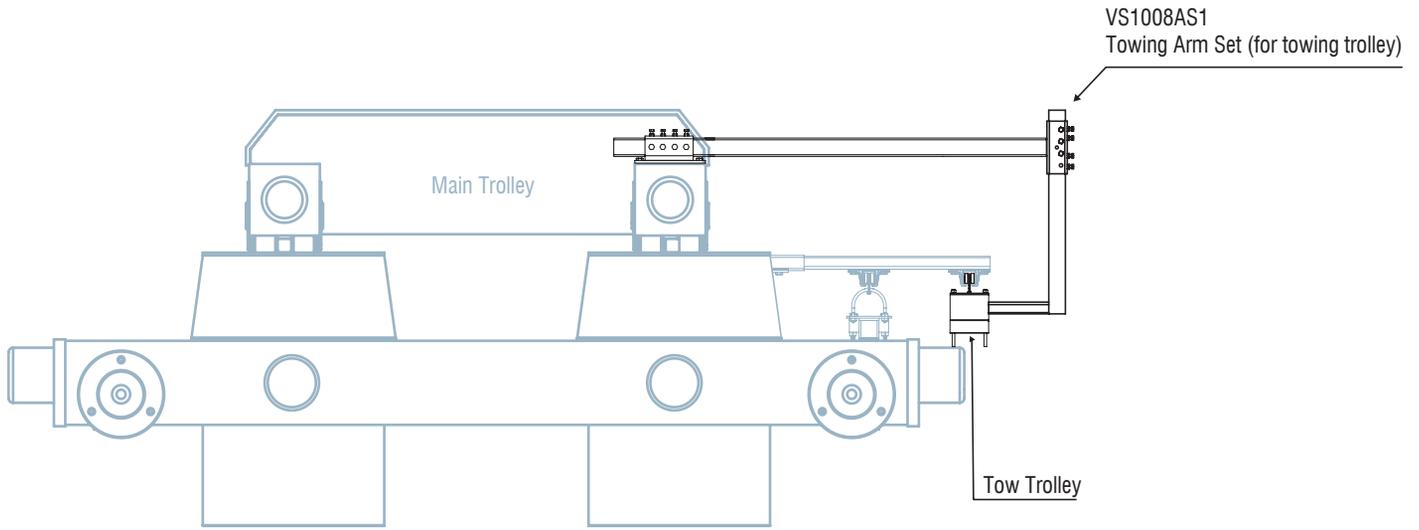
Application Example for One Side Support Bar Arrangement (monorail system)



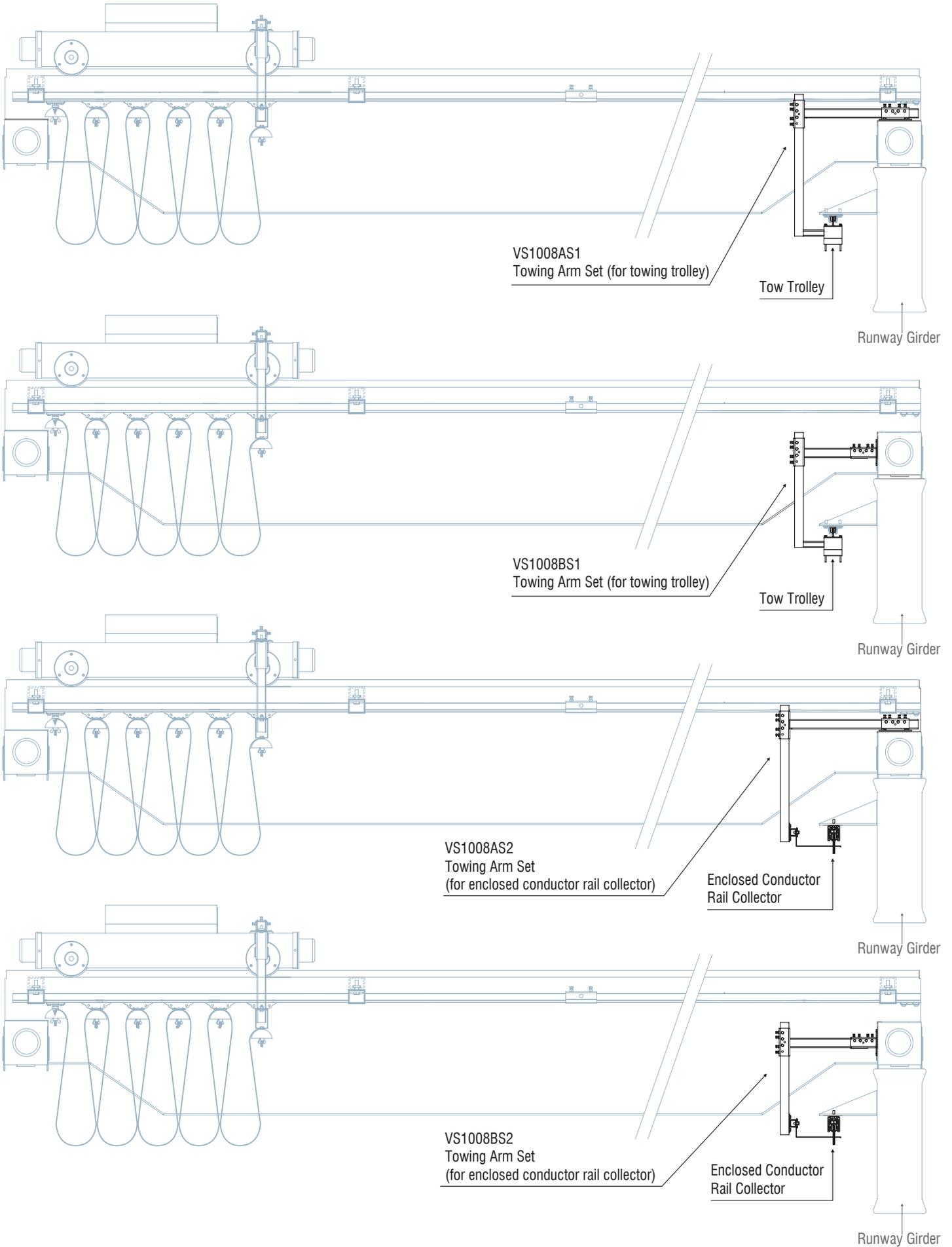
Application Types for Support Clamp



Towing Arrangement Application Examples for Main Trolley/Hoist



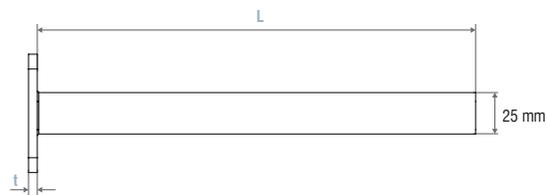
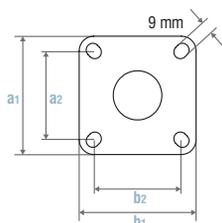
Towing Arrangement Application Examples for Runway Girder



Towing Arm
VS1007S/..



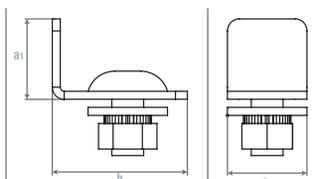
Product Code	Material	Dimensions (mm)				
		a ₁	a ₂	b ₁	b ₂	t
VS1007S/...	Steel (Galvanised)	63	40	63	40	4



End Stop Steel
VS1032L5



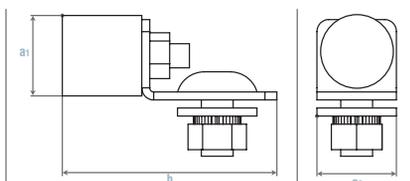
Product Code	Material	Weight (kg)	Dimensions (mm)		
			a ₁	a ₂	b
VS1032L5	Steel (galvanised)	0,04	20	25	34



End Stop Steel (with rubber buffer)
VS1032L4



Product Code	Material	Weight (kg)	Dimensions (mm)		
			a ₁	a ₂	b
VS1032L4	Steel (galvanised)	0,05	20	25	54



Plastic Cable Trolley for Platform Cables (with plastic roller)
VS1032T0-86/2



Product Code
VS1032T0-86/2

Wheel Material

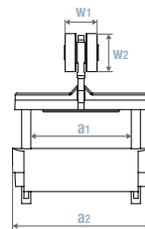
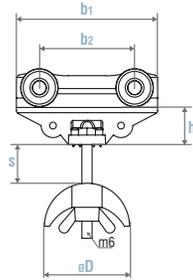
Polyamid roller
Carrier body polyamid
Support saddle polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

4 kg per carrier

Dimensions (mm)

a ₁	64	h	21
a ₂	90	w ₁	25
b ₁	82	w ₂	24
b ₂	56	øD	50
s	16		
Weight (kg)			0,11



Plastic Cable Trolley for Platform Cables
VS1032T1-86/2



Product Code
VS1032T1-86/2

Wheel Material

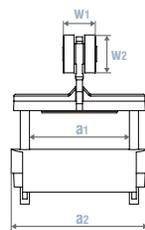
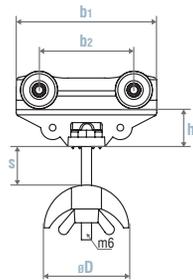
Steel roller
Carrier body polyamid
Support saddle polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

8 kg per carrier

Dimensions (mm)

a ₁	64	h	21
a ₂	90	w ₁	25
b ₁	82	w ₂	24
b ₂	56	øD	50
s	18		
Weight (kg)			0,17



Steel Trolley with Plastic saddle for Platform Cables
VS1032T3-86/4



Product Code
VS1032T3-86/4

Wheel Material

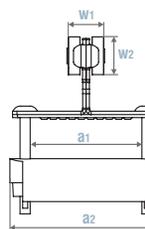
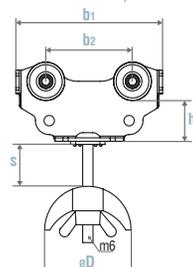
Steel roller
Carrier body steel
Support saddle polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

10 kg per carrier

Dimensions (mm)

a ₁	64	h	23
a ₂	90	w ₁	24
b ₁	85	w ₂	25
b ₂	50	øD	50
s	17		
Weight (kg)			0,27



Steel Trolley for Platform Cables VS1032T5-86/4



Product Code
VS1032T5-86/4

Wheel Material

Steel roller

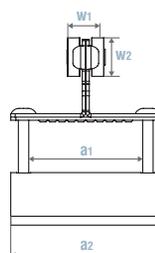
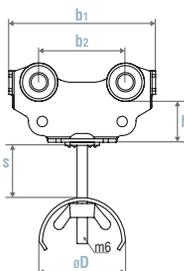
Carrier body steel
Support saddle steel
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

16 kg per carrier

Dimensions (mm)

a ₁	64	h	23
a ₂	87	w ₁	25
b ₁	85	w ₂	24
b ₂	50	øD	50
s	17		
Weight (kg)		0,35	



Steel Trolley with Plastic saddle for Platform Cables (u-bolt) VS1032T3-86/4-S



Product Code
VS1032T3-86/4-S

Wheel Material

Steel roller

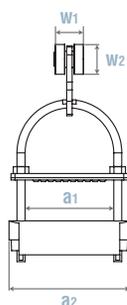
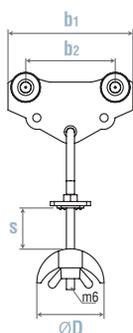
Carrier body steel
Support saddle polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

10 kg per carrier

Dimensions (mm)

a ₁	64	w ₁	25
a ₂	90	w ₂	24
b ₁	93	øD	50
b ₂	66	s	21
Weight (kg)		0,32	



Steel Trolley for Platform Cables (u-bolt) VS1032T5-86/4-S



Product Code
VS1032T5-86/4-S

Wheel Material

Steel roller

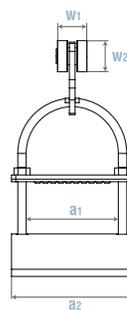
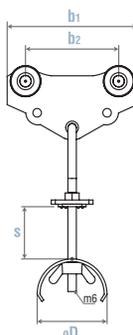
Carrier body steel
Support saddle steel
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

16 kg per carrier

Dimensions (mm)

a ₁	64	w ₁	25
a ₂	90	w ₂	24
b ₁	93	øD	50
b ₂	66	s	21
Weight (kg)		0,40	



Steel Trolley with Plastic saddle for Platform Cables
VS1032T3-105/4



Product Code
VS1032T3-105/4

Wheel Material

Steel roller

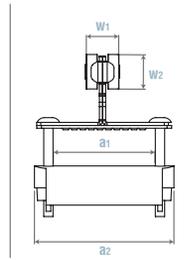
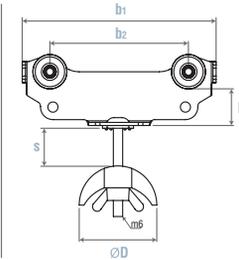
Carrier body steel
Support saddle polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

10 kg per carrier

Dimensions (mm)

a ₁	64	h	23
a ₂	90	w ₁	25
b ₁	125	w ₂	24
b ₂	89	øD	50
s	37		
			Weight (kg) 0,31



Steel Trolley for Platform Cables
VS1032T5-105/4



Product Code
VS1032T5-105/4

Wheel Material

Steel roller

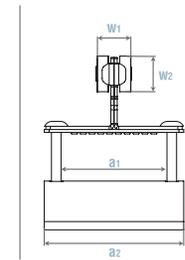
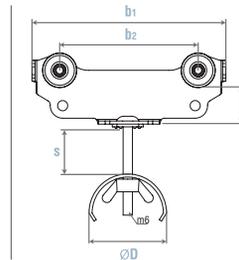
Carrier body steel
Support saddle steel
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

16 kg per carrier

Dimensions (mm)

a ₁	64	h	23
a ₂	87	w ₁	25
b ₁	125	w ₂	24
b ₂	89	øD	50
s	37		
			Weight (kg) 0,39



Steel Trolley for Platform Cables
VS1032T5-105/6



Product Code
VS1032T5-105/6

Wheel Material

Steel roller

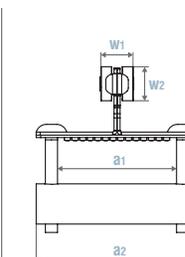
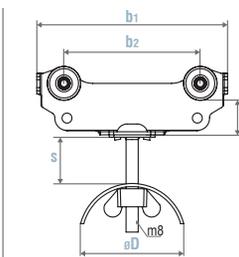
Carrier body steel
Support saddle steel
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

16 kg per carrier

Dimensions (mm)

a ₁	74	h	23
a ₂	106	w ₁	25
b ₁	125	w ₂	24
b ₂	89	øD	80
s	22		
			Weight (kg) 0,55

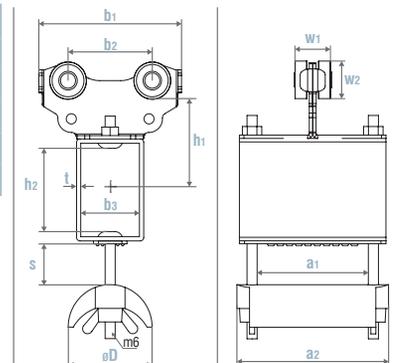


Towing Trolley with Plastic saddle for Flatporm Cables
VS1032P3-86/4



Product Code	VS1032P3-86/4	Wheel	Steel roller
Material		Material	Carrier body steel Support saddle polyamid Hardware galvanized
Max. Cable Load			Temperature resistance -30°C to +70°C 10 kg per carrier

Weight (kg)	Dimensions (mm)											
	a ₁	a ₂	b ₁	b ₂	b ₃	h ₁	h ₂	w ₁	w ₂	s	øD	t
0,58	64	90	85	50	35	53	48	25	24	17	50	2,5

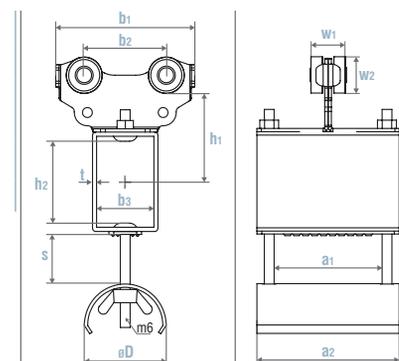


Towing Trolley for Flatporm Cables
VS1032P5-86/4



Product Code	VS1032P5-86/4	Wheel	Steel roller
Material		Material	Carrier body steel Support saddle steel Hardware galvanized
Max. Cable Load			Temperature resistance -30°C to +70°C 16 kg per carrier

Weight (kg)	Dimensions (mm)											
	a ₁	a ₂	b ₁	b ₂	b ₃	h ₁	h ₂	w ₁	w ₂	s	øD	t
0,66	64	87	85	50	35	53	48	25	24	17	50	2,5

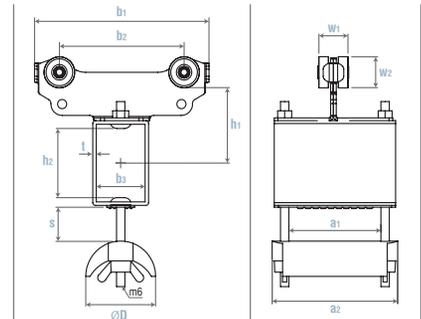


Towing Trolley with Plastic saddle for Platform Cables
VS1032P3-105/4



Product Code	VS1032P3-105/4	Wheel	Steel roller
Material		Material	Carrier body steel Support saddle polyamid Hardware galvanized Temperature resistance -30°C to +70°C
Max. Cable Load	10 kg per carrier		

Weight (kg)	Dimensions (mm)											
	a ₁	a ₂	b ₁	b ₂	b ₃	h ₁	h ₂	w ₁	w ₂	s	øD	t
0,60	64	90	125	89	35	53	48	25	24	37	50	2,5

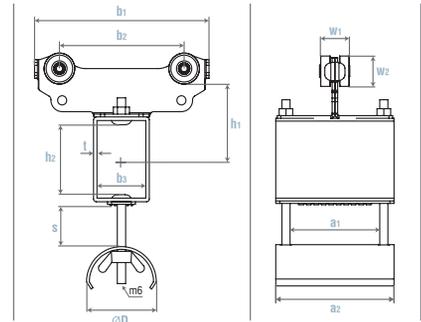


Towing Trolley for Platform Cables
VS1032P5-105/4



Product Code	VS1032P5-105/4	Wheel	Steel roller
Material		Material	Carrier body steel Support saddle steel Hardware galvanized Temperature resistance -30°C to +70°C
Max. Cable Load	16 kg per carrier		

Weight (kg)	Dimensions (mm)											
	a ₁	a ₂	b ₁	b ₂	b ₃	h ₁	h ₂	w ₁	w ₂	s	øD	t
0,68	64	87	125	89	35	53	48	25	24	37	50	2,5

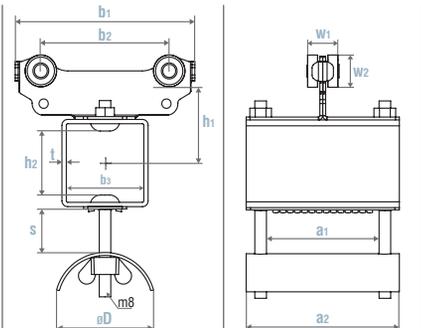


Towing Trolley for Platform Cables
VS1032P5-105/6



Product Code	VS1032P5-105/6	Wheel	Steel roller
Material		Material	Carrier body steel Support saddle steel Hardware galvanized Temperature resistance -30°C to +70°C
Max. Cable Load	16 kg per carrier		

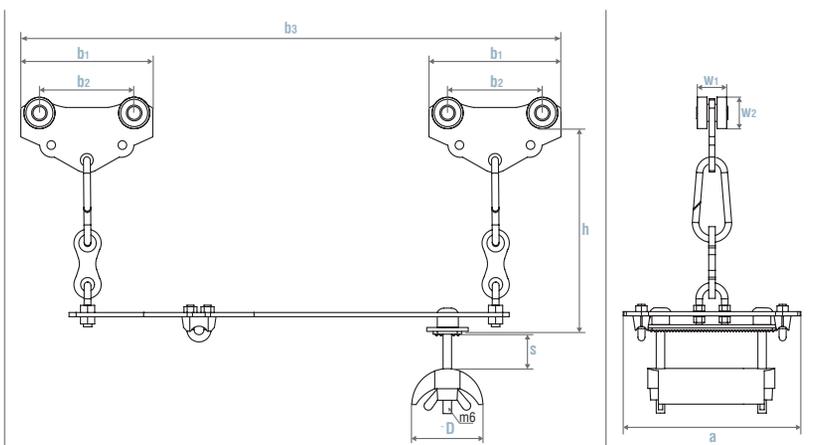
Weight (kg)	Dimensions (mm)											
	a ₁	a ₂	b ₁	b ₂	b ₃	h ₁	h ₂	w ₁	w ₂	s	øD	t
1.02	74	106	125	89	55	53	40	25	24	22	80	2,5



Pendant Station Trolley with plastic saddle for Flatform Cables VS1032F3-86/4



Product Code	Wheel	Steel roller Carrier body steel Support saddle polyamid Hardware galvanized Temperature resistance -30°C to +70°C	Dimensions (mm)			
VS1032F3-86/4	Material		a	114	h	144
			b ₁	93	w ₁	25
			b ₂	66	w ₂	24
			b ₃	420	øD	50
			s	17		
	Max. Cable Load	10 kg per carrier	Weight (kg)	1,39		



• This products is generally used together with the mounting of 16 and 24 way plug and sockets. This facilitates fast and easy mounting.

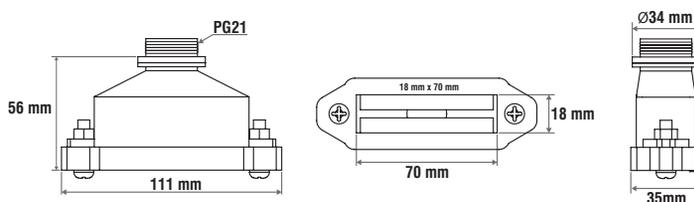
• This also saves time and reduces the service expenditure with minimum interference to the system when it is needed in some conditions; such as repairment, failure and service.

• Socket which is mounted to the product is placed in this photograph to illustrate the application, not sold with product.

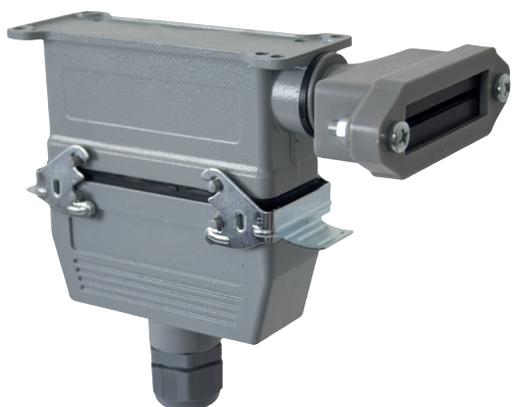
Cable Gland for Flatform Cable PG21(18mmx70mm) VS1032F-FG21/18x70



Product Code	Material	Polyamid
VS1032F-FG21/18x70	Cable Clamping Capacity	18 mm x 70 mm



Plug and Socket Sets VS1032F-S16FR / VS1032F-S24FR



Product Code	Product Name
VS1032F-S16FR	Plug and Socket Set (FR)(16 way)
VS1032F-S24FR	Plug and Socket Set (FR)(24 way)

■ Pendant Station Trolley for Platform Cables VS1032F5-86/4



Product Code
VS1032F5-86/4

Wheel Material

Steel roller
Carrier body steel
Support saddle steel
Hardware galvanized
Temperature resistance -30°C to +70°C

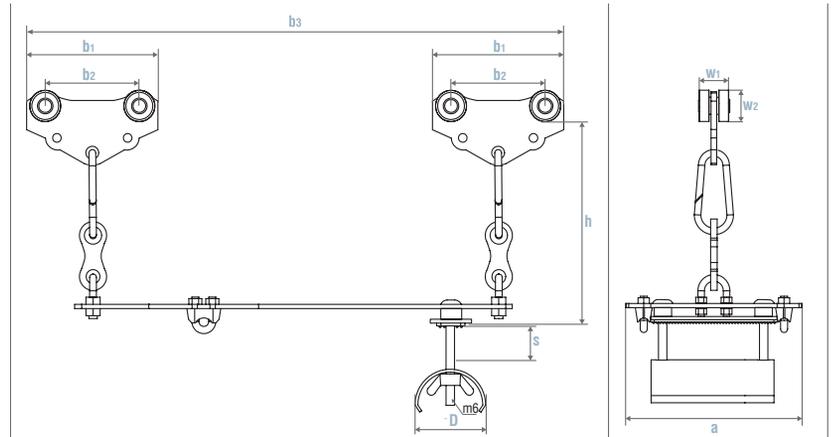
Max. Cable Load
16 kg per carrier

Dimensions (mm)			
a	114	h	144
b ₁	93	w ₁	25
b ₂	66	w ₂	24
b ₃	420	∅D	50
s	17		
Weight (kg)			1,47

• This product is generally used together with the mounting of 16 and 24 way plug and sockets. This facilitates fast and easy mounting.

• This also saves time and reduces the service expenditure with minimum interference to the system when it is needed in some conditions; such as repairment, failure and service.

• Socket which is mounted to the product is placed in this photograph to illustrate the application, not sold with product.



■ Pendant Station Trolley for Platform Cables VS1032F5-105/6



Product Code

VS1032F5-105/6

Wheel

Steel roller

Material

Carrier body steel
Support saddle steel
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load

16 kg per carrier

Weight (kg)

2,17

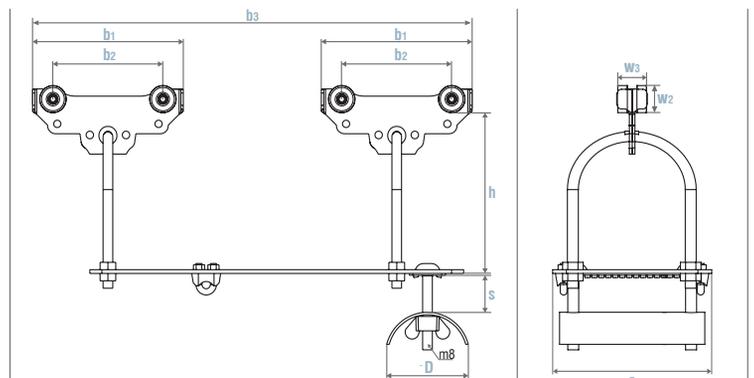
Dimensions (mm)

a	b ₁	b ₂	b ₃	h	w ₁	w ₂	s	∅D
116	125	89	365	129	25	24	22	80

• This product is generally used together with the mounting of 16 and 24 way plug and sockets. This facilitates fast and easy mounting.

• This also saves time and reduces the service expenditure with minimum interference to the system when it is needed in some conditions; such as repairment, failure and service.

• Socket which is mounted to the product is placed in this photograph to illustrate the application, not sold with product.

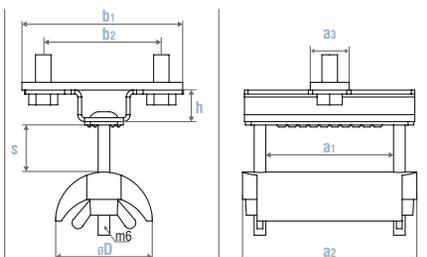


Start Clamp with plastic saddle for Platform Cables

VS1032H3-86/4

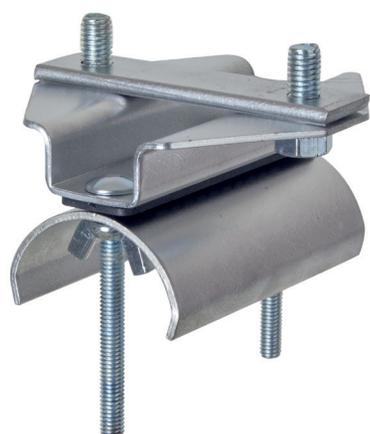


Product Code	VS1032H3-86/4	Material	Steel body Support saddle polyamid Hardware galvanized Temperature resistance -30°C to +70°C	Dimensions (mm)																				
Max. Cable Load	10 kg per carrier			<table border="1"> <tr> <td>a₁</td> <td>64</td> <td>b₁</td> <td>83</td> </tr> <tr> <td>a₂</td> <td>90</td> <td>b₂</td> <td>61</td> </tr> <tr> <td>a₃</td> <td>25</td> <td>h</td> <td>13</td> </tr> <tr> <td>s</td> <td>17</td> <td>∅D</td> <td>50</td> </tr> <tr> <td colspan="4">Weight (kg) 0,27</td> </tr> </table>	a ₁	64	b ₁	83	a ₂	90	b ₂	61	a ₃	25	h	13	s	17	∅D	50	Weight (kg) 0,27			
a ₁	64	b ₁	83																					
a ₂	90	b ₂	61																					
a ₃	25	h	13																					
s	17	∅D	50																					
Weight (kg) 0,27																								

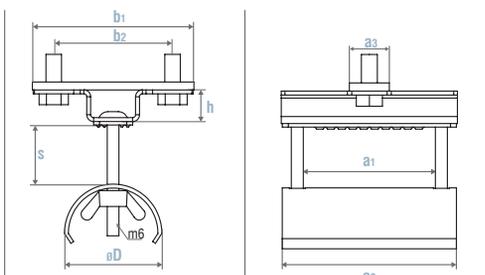


Start Clamp (steel) for Platform Cables

VS1032H5-86/4



Product Code	VS1032H5-86/4	Material	Steel body Support saddle steel Hardware galvanized Temperature resistance -30°C to +70°C	Dimensions (mm)																				
Max. Cable Load	16 kg per carrier			<table border="1"> <tr> <td>a₁</td> <td>64</td> <td>b₁</td> <td>83</td> </tr> <tr> <td>a₂</td> <td>87</td> <td>b₂</td> <td>61</td> </tr> <tr> <td>a₃</td> <td>25</td> <td>h</td> <td>13</td> </tr> <tr> <td>s</td> <td>17</td> <td>∅D</td> <td>50</td> </tr> <tr> <td colspan="4">Weight (kg) 0,35</td> </tr> </table>	a ₁	64	b ₁	83	a ₂	87	b ₂	61	a ₃	25	h	13	s	17	∅D	50	Weight (kg) 0,35			
a ₁	64	b ₁	83																					
a ₂	87	b ₂	61																					
a ₃	25	h	13																					
s	17	∅D	50																					
Weight (kg) 0,35																								

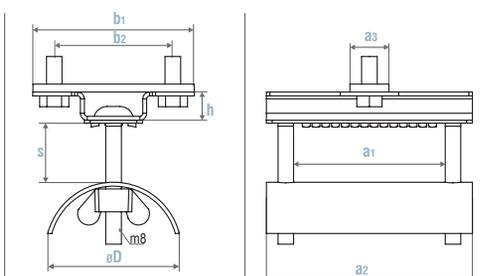


Start Clamp (steel) for Platform Cables

VS1032H5-105/6



Product Code	VS1032H5-105/6	Material	Steel body Support saddle steel Hardware galvanized Temperature resistance -30°C to +70°C	Dimensions (mm)																				
Max. Cable Load	16 kg per carrier			<table border="1"> <tr> <td>a₁</td> <td>74</td> <td>b₁</td> <td>83</td> </tr> <tr> <td>a₂</td> <td>106</td> <td>b₂</td> <td>61</td> </tr> <tr> <td>a₃</td> <td>25</td> <td>h</td> <td>13</td> </tr> <tr> <td>s</td> <td>22</td> <td>∅D</td> <td>80</td> </tr> <tr> <td colspan="4">Weight (kg) 0,54</td> </tr> </table>	a ₁	74	b ₁	83	a ₂	106	b ₂	61	a ₃	25	h	13	s	22	∅D	80	Weight (kg) 0,54			
a ₁	74	b ₁	83																					
a ₂	106	b ₂	61																					
a ₃	25	h	13																					
s	22	∅D	80																					
Weight (kg) 0,54																								



Plastic Trolley (ball joint)
VS1032T6



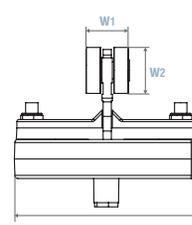
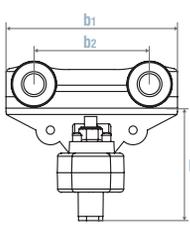
Product Code
VS1032T6

Wheel
Material

Steel roller
Carrier body polyamid
Ball joint polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load 8 kg per carrier

Dimensions (mm)			
a	86	w ₁	25
b ₁	82	w ₂	24
b ₂	56		
h	51		
Weight (kg)			0,15



Steel Trolley (ball joint)
VS1032T7



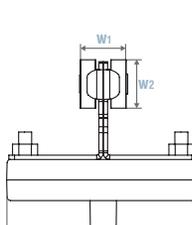
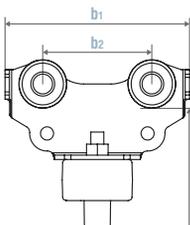
Product Code
VS1032T7

Wheel
Material

Steel roller
Carrier body steel
Ball joint polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load 10 kg per carrier

Dimensions (mm)			
a	87	w ₁	25
b ₁	85	w ₂	24
b ₂	50		
h	54		
Weight (kg)			0,26



Steel Trolley (U-bolt)
VS1032T9



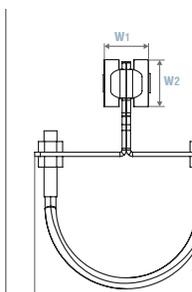
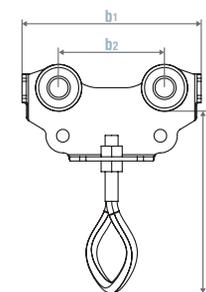
Product Code
VS1032T9

Wheel
Material

Steel roller
Carrier body steel
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load 16 kg per carrier

Dimensions (mm)			
a	87	h	82
b ₁	93	w ₁	25
b ₂	66	w ₂	24
Weight (kg)			0,25





Usually festoon systems need various quantity of cables to feed the system (to supply main hoist, control application, movement operations, and control of safeguard systems), u-bolt support saddle systems provides great flexibility, (especially for roundform cables)

By the fastening one saddle to another one it is available to be use up to 4 different cable in the same system According to the trolley's carrying capacity limits

■ **Tow Trolley (ball joint)**
VS1032P7



Product Code
VS1032P7

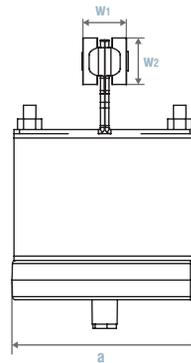
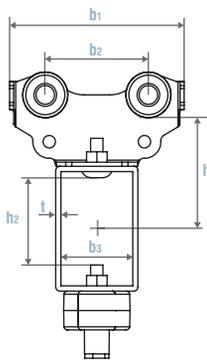
Wheel Material

Steel roller
Carrier body steel
Ball joint polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load 10 kg per carrier

Dimensions (mm)

a	87	h ₁	53
b ₁	85	h ₂	48
b ₂	50	w ₁	25
b ₃	35	w ₂	24
t	2,5		
Weight (kg)			0,58



■ **Towing Trolley (U-bolt)**
VS1032P9



Product Code
VS1032P9

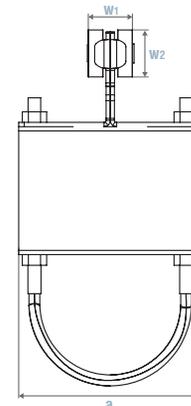
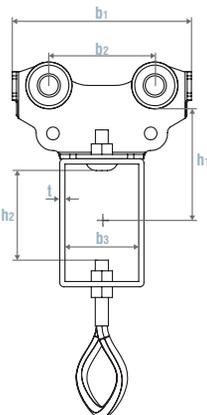
Wheel Material

Steel roller
Carrier body steel
Hardware galvanized
Temperature resistance -30°C to +70°C

Max. Cable Load 16 kg per carrier

Dimensions (mm)

a	87	h ₁	53
b ₁	85	h ₂	48
b ₂	50	w ₁	25
b ₃	35	w ₂	24
t	2,5		
Weight (kg)			0,56

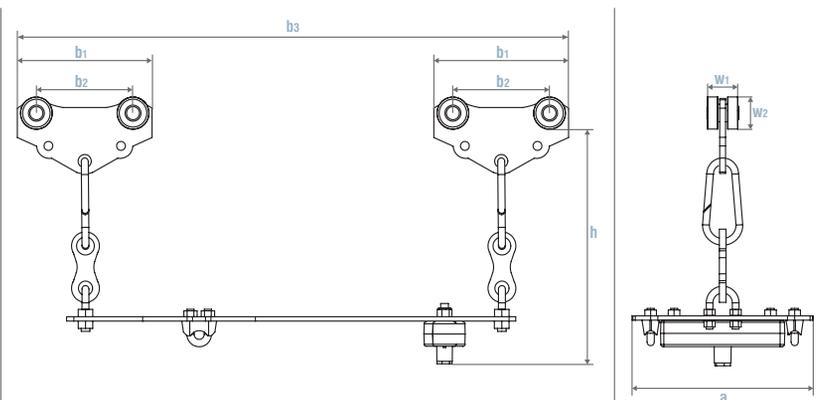


■ Pendant Station Trolley (ball joint)
VS1032F7



- This products is generally used together with the mounting of 16 and 24 way plug and sockets. This facilitates fast and easy mounting.
- This also saves time and reduces the service expenditure with mininum interference to the system when it is needed in some conditions; such as repairment, failure and service.
- Socket which is mounted to the product is placed in this photograph to illustrate the application, not sold with product.

Product Code	Wheel	Steel roller	Dimensions (mm)	
VS1032F7	Material	Carrier body steel Ball joint polyamid Hardware galvanized Temperature resistance -30°C to +70°C	a	h
			114	164
			b ₁	w ₁
			93	25
			b ₂	w ₂
			66	24
			b ₃	
			420	
Max. Cable Load		10 kg per carrier	Weight (kg) 1,42	

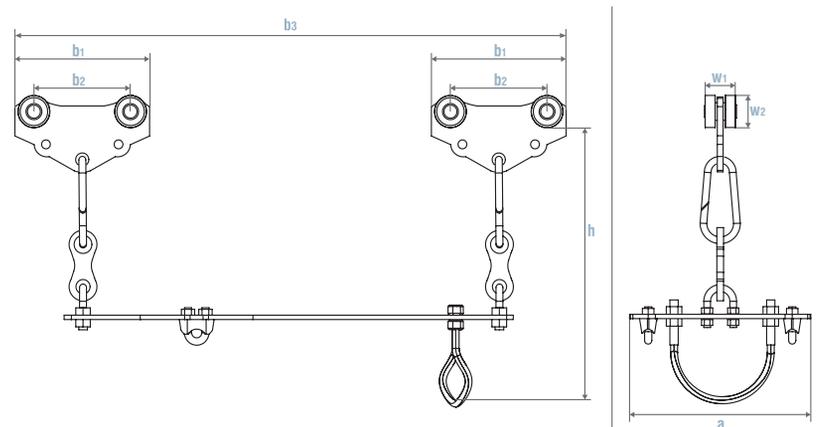


■ Pendant Station Trolley (U-bolt)
VS1032F9

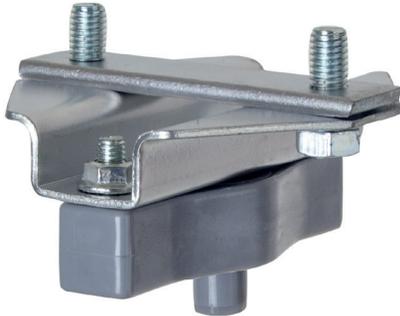


- This products is generally used together with the mounting of 16 and 24 way plug and sockets. This facilitates fast and easy mounting.
- This also saves time and reduces the service expenditure with mininum interference to the system when it is needed in some conditions; such as repairment, failure and service.
- Socket which is mounted to the product is placed in this photograph to illustrate the application, not sold with product.

Product Code	Wheel	Steel roller	Dimensions (mm)	
VS1032F9	Material	Carrier body steel Hardware galvanized Temperature resistance -30°C to +70°C	a	h
			114	194
			b ₁	w ₁
			93	25
			b ₂	w ₂
			66	24
			b ₃	
			420	
Max. Cable Load		16 kg per carrier	Weight (kg) 1,36	



■ **Start Clamp (ball joint)**
VS1032H7



Product Code
VS1032H7

Material

Steel body
Ball joint polyamid
Hardware galvanized
Temperature resistance -30°C to +70°C

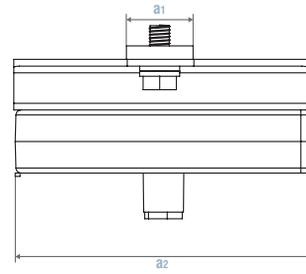
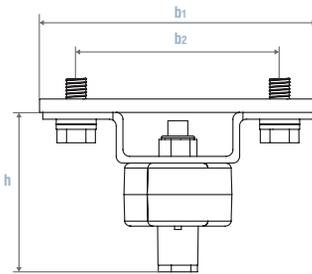
Max. Cable Load

10 kg per carrier

Dimensions (mm)

a₁ 25
a₂ 88
b₁ 83
b₂ 60
h 43

Weight (kg) 0,24



■ **Start Clamp (U-bolt)**
VS1032H9



Product Code
VS1032H9

Material

Steel body
Hardware galvanized
Temperature resistance -30°C to +70°C

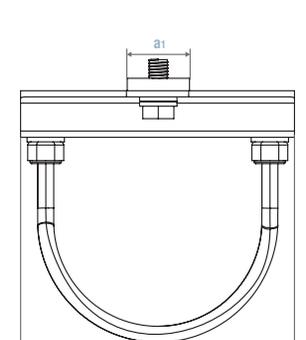
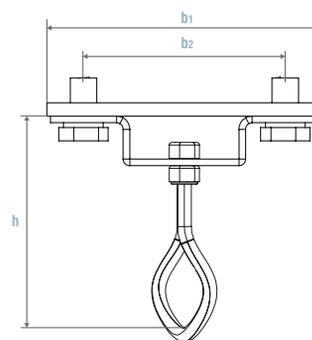
Max. Cable Load

16 kg per carrier

Dimensions (mm)

a₁ 25
a₂ 88
b₁ 83
b₂ 60
h 71

Weight (kg) 0,23



Support Saddle Type 10-16
VS1014M-16



Product Code VS1014M-16	Material Polyamid	Cable Clamping Capacity 10 mm / 16 mm	Dimensions (mm) a ₁ 70 a ₂ 35 b 42 Weight (kg) 0,04

Support Saddle Type 17-25
VS1014M-25



Product Code VS1014M-25	Material Polyamid	Cable Clamping Capacity 17 mm / 25 mm	Dimensions (mm) a ₁ 98 a ₂ 49 b 50 Weight (kg) 0,06

Support Saddle Type 26-36
VS1014M-36



Product Code VS1014M-36	Material Polyamid	Cable Clamping Capacity 26 mm / 36 mm	Dimensions (mm) a ₁ 138 a ₂ 69 b 64 Weight (kg) 0,11

■ **Support Saddle Type 10-16 (U-bolt)**
VS1014Z-16



Product Code
VS1014Z-16

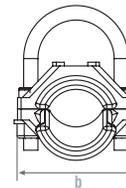
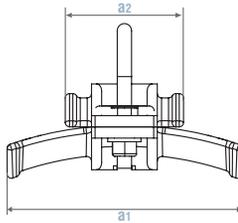
Material
Cable
Clamping Capacity

Polyamid
10 mm / 16 mm

Dimensions (mm)

a₁ | 70
a₂ | 35
b | 42

Weight (kg) 0,04



■ **Support Saddle Type 17-25 (U-bolt)**
VS1014Z-25



Product Code
VS1014Z-25

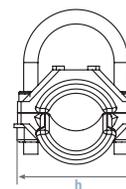
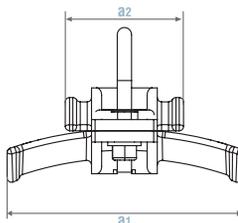
Material
Cable
Clamping Capacity

Polyamid
17 mm / 25 mm

Dimensions (mm)

a₁ | 98
a₂ | 49
b | 50

Weight (kg) 0,07



■ **Support Saddle Type 26-36 (U-bolt)**
VS1014Z-36



Product Code
VS1014Z-36

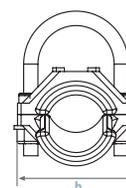
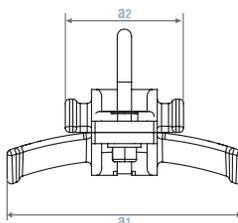
Material
Cable
Clamping Capacity

Polyamid
26 mm / 36 mm

Dimensions (mm)

a₁ | 138
a₂ | 69
b | 64

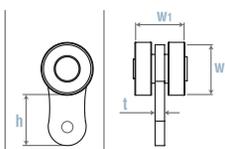
Weight (kg) 0,13



Suspension Trolley (2 Wheel)
VS1032S2



Product Code	Wheel	Steel roller
VS1032S4-2	Material	Carrier body steel Hardware galvanized Temperature resistance -30°C to +70°C
	Max. Load	10 kg per carrier

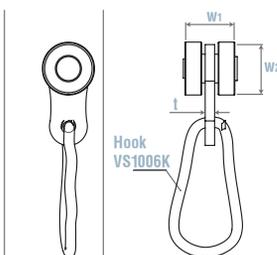


Weight (kg)	Dimensions (mm)			
	h	w₁	w₂	t
0,07	12	25	24	4

Suspension Trolley (2 Wheel) with hook
VS1032S2-K



Product Code	Wheel	Steel roller
VS1032S4-2	Material	Carrier body steel Hardware galvanized Temperature resistance -30°C to +70°C



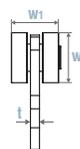
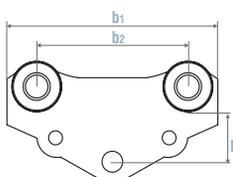
Weight (kg)	Dimensions (mm)		
	w₁	w₂	t
0,09	25	24	4

Suspension Trolley (4 Wheel)
VS1032S4



Product Code	Wheel	Steel roller
VS1032S2-4	Material	Carrier body steel Hardware galvanized Temperature resistance -30°C to +70°C
	Max. Load	16 kg per carrier

Dimensions (mm)			
b₁	93	w₁	25
b₂	66	w₂	24
h	21	t	4
Weight (kg)		0,18	

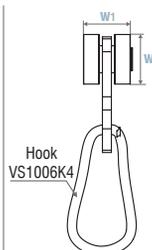
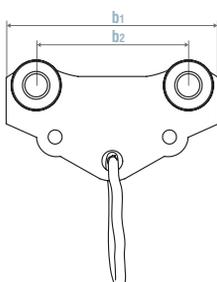


Suspension Trolley (4 Wheel) with hook
VS1032S4-K



Product Code	Wheel	Steel roller
VS1032S5-4	Material	Carrier body steel Hardware galvanized Temperature resistance -30°C to +70°C

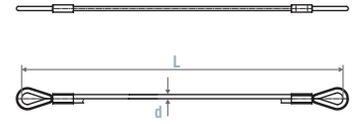
Dimensions (mm)			
b₁	93	w₁	25
b₂	66	w₂	24
Weight (kg)		0,20	



Tow Rope
VS1006R4/....



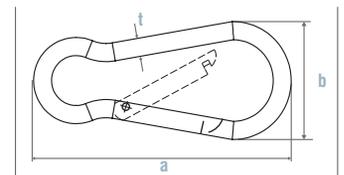
Product Code	Material	Dimensions (mm)
VS1006R4/....	Steel (PVC covered)	d 4



Hook
VS1006K4



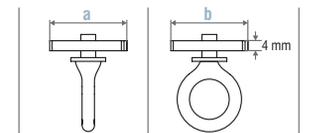
Product Code	Material	Weight (kg)	Dimensions (mm)		
			a	b	t
VS1006K4	Steel (galvanised)	0,02	40	12	4



Rope Eye
VS1006E32



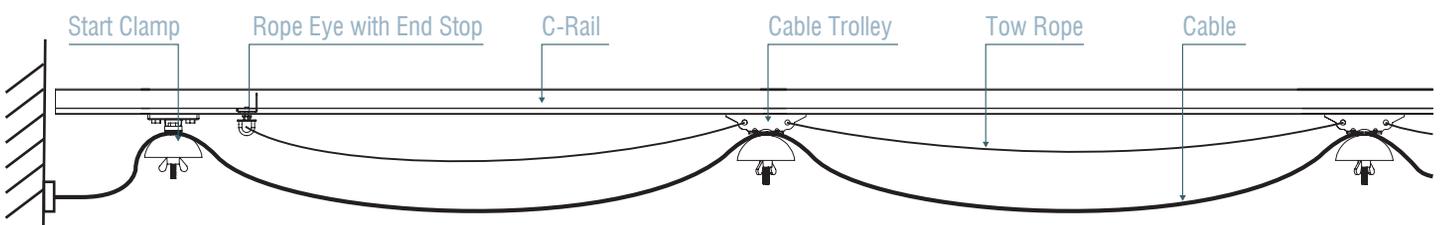
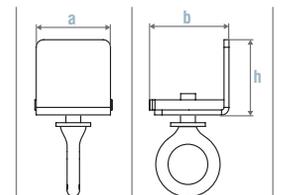
Product Code	Material	Weight (kg)	Dimensions (mm)	
			a	b
VS1006E32 (for 1032 series)	Steel	0,09	25	30



Rope Eye with End Stop
VS1006L32



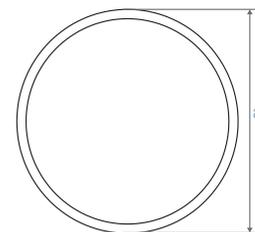
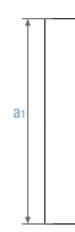
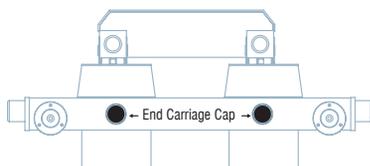
Product Code	Material	Weight (kg)	Dimensions (mm)		
			a	b	h
VS1006L32 (for 1032 series)	Steel	0,11	25	22	22



■ End Carriage Cap
VS-1004Y-120 / VS-1004Y-150



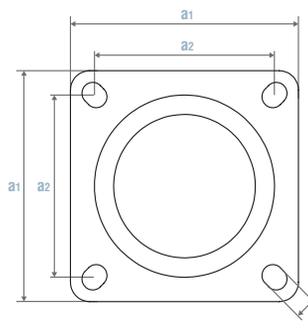
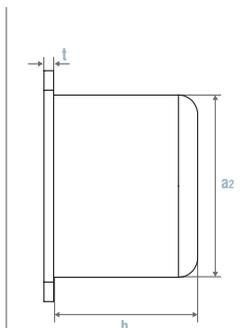
Product Code	Material	Weight (kg)	Dimensions (mm)	
			a ₁	a ₂
VS-1004Y-120	PE	0,04	120	130
VS-1004Y-150	PE	0,05	150	160



■ Rubber Buffers with Mounting Plate



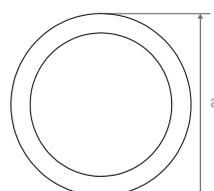
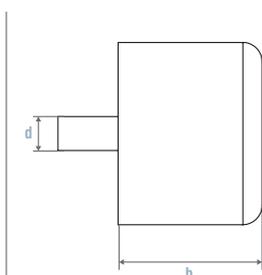
Product Code	Product	Dimensions (mm)				
		a ₁	a ₂	b	d	t
VS1005T-50x55	Rubber Buffers T50x55	65	50	55	7	3
VS1005T-75x60	Rubber Buffers T75x60	95	75	60	11	4
VS1005T-100x100	Rubber Buffers T100x100	125	100	100	15	6
VS1005T-150x150	Rubber Buffers T150x150	200	150	150	17	8
VS1005T-200x200	Rubber Buffers T200x200	250	200	200	21	10



■ Rubber Buffers with Mounting Bolt



Product Code	Product	Dimensions (mm)		
		a	b	d
VS1005C-20x20	Rubber Buffers C20x20	20	20	m6
VS1005C-25x20	Rubber Buffers C25x20	25	20	m6
VS1005C-30x30	Rubber Buffers C30x30	30	30	m6
VS1005C-50x55	Rubber Buffers C50x55	50	55	m8
VS1005C-75x60	Rubber Buffers C75x60	75	60	m12
VS1005C-100x100	Rubber Buffers C100x100	100	100	m14
VS1005C-150x150	Rubber Buffers C150x150	150	150	m16
VS1005C-200x200	Rubber Buffers C200x200	200	200	m20



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