



KİRİŞ ELEKTRİK TESİSATI

CABLE FESTOON SYSTEM

Tr & Eng

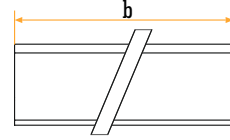
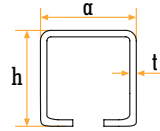


CESAN[®]
Cranes & Components

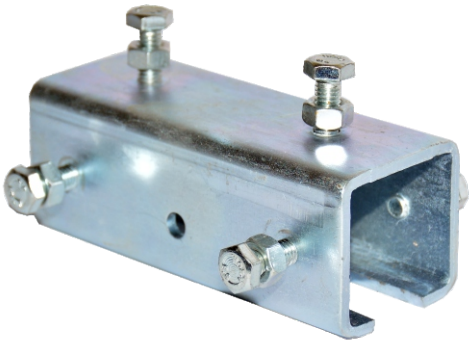
C-Ray C-Rail



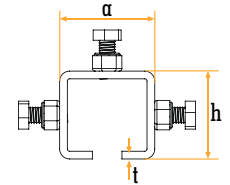
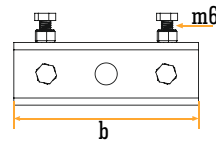
Malzeme Material	Ölçüler Dimension (mm)		
	α	h	t
Galvanizli Çelik	30	30	1,5
Steel (galvanised)	40	40	2,0



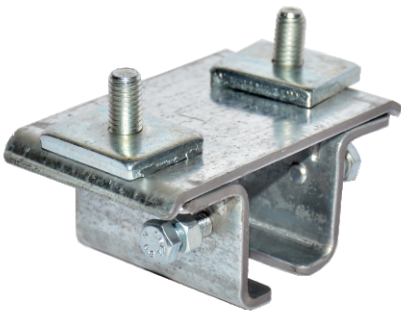
Ek Bileşen Splice Joint



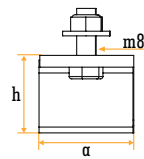
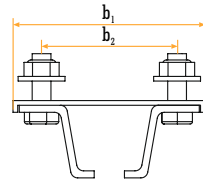
Malzeme Material	Ölçüler Dimension (mm)			
	α	h	b	t
Galvanizli Çelik	39	37	100	3
Steel (galvanised)				



Destek Kolu (iki bağlantı civatalı) (1009 serisi veya mevcut çelik yapıya uygundur) Support Bracket (with two connection bolt) (suitable for 1009 series or existing steel structure)



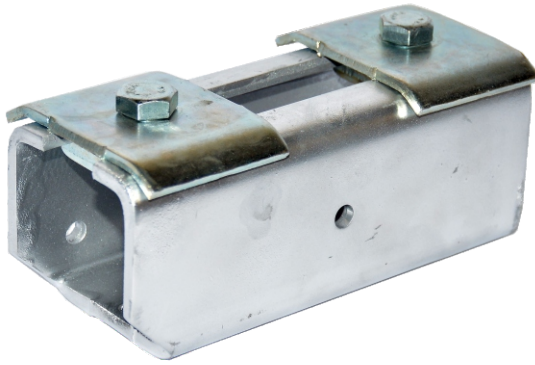
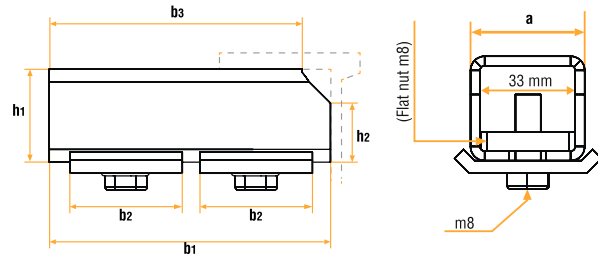
Malzeme Material	Ölçüler Dimension (mm)			
	α	b_1	b_2	h
Galvanizli Çelik	40	85	60	35
Steel (galvanised)				



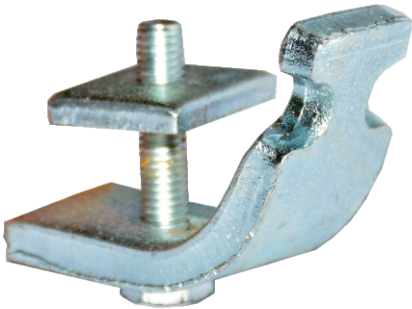
Kaynak Destek Ek Parçası Welding Support Attachment



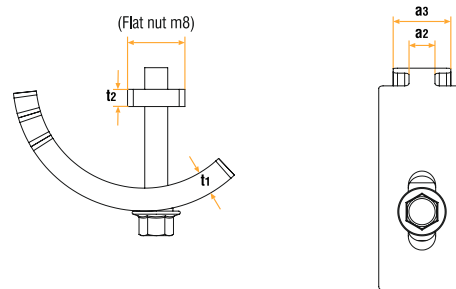
Malzeme Material	Ölçüler Dimension (mm)					
	α	b_1	b_2	b_3	h_1	h_2
Galvanizli Çelik Steel (galvanised)	40	100	40	90	40	25
	50	125	40	110	50	30



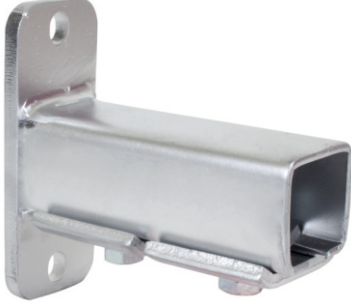
Destek Kelepçesi Support Clamp



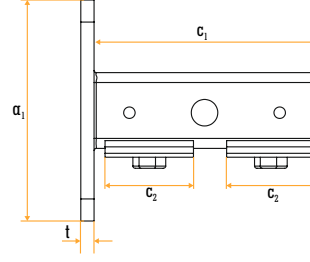
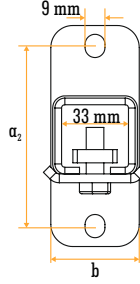
Malzeme Material	Ölçüler Dimension (mm)				
	α_1	α_2	α_3	t_1	t_2
Galvanizli Çelik Steel (galvanised)	30	10	25	8	5



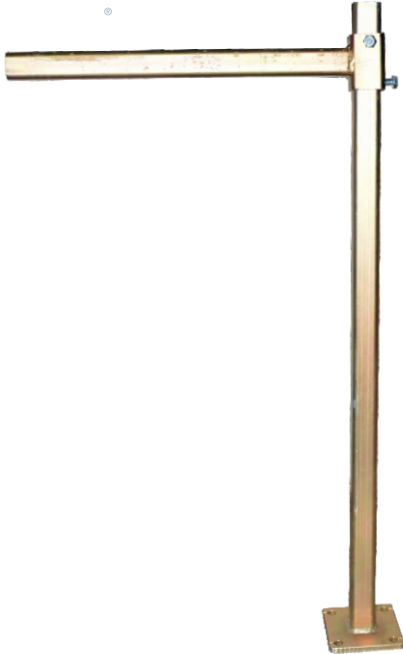
Gövde Montajı için Destek Ek Parçası (2 delikli) Support Attachment (2 hole) for Body Mounting



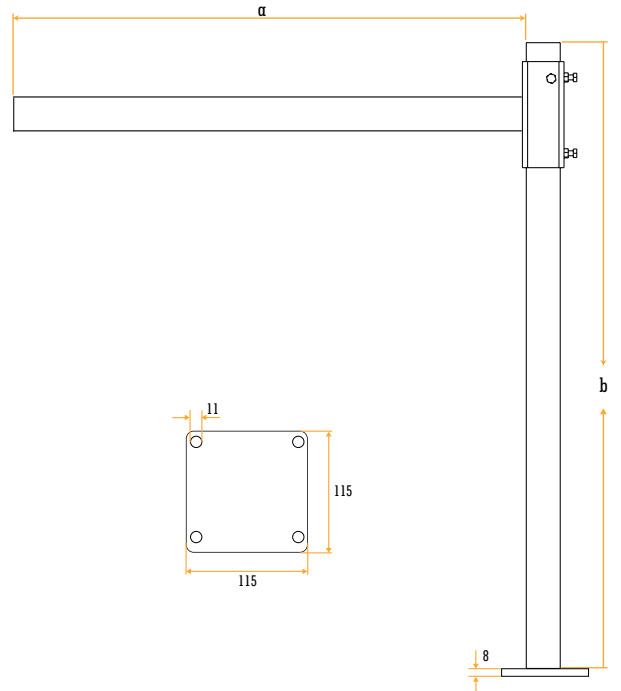
Malzeme Material	Ölçüler Dimension (mm)					
	a1	a2	b	c1	c2	c2
Galvanizli Çelik Steel (galvanised)	100	82	40	100	40	40



Çekme Kol Setleri (kapalı iletken PVC Bara kolektörü için) Towing Arm Sets (for enclosed conductor rail collector)



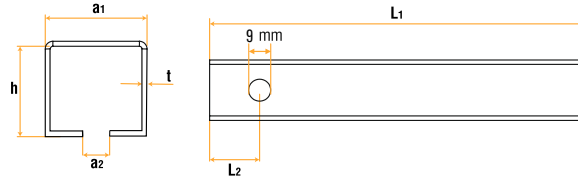
Malzeme Material	Ölçüler Dimension (mm)	
	a	b
Galvanizli Çelik Steel (galvanised)	500	500
	1000	500
	500	1000
	1000	1000



Destek Çubuğu (bir bağlantı deliği ile) Support Bar (with one connection hole)



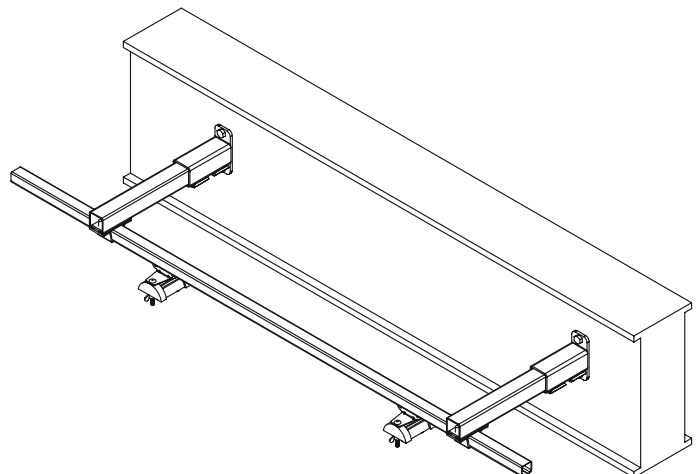
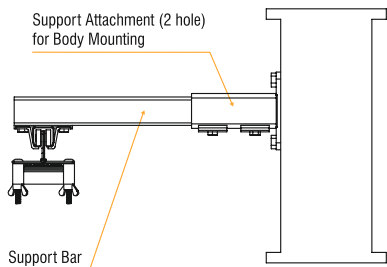
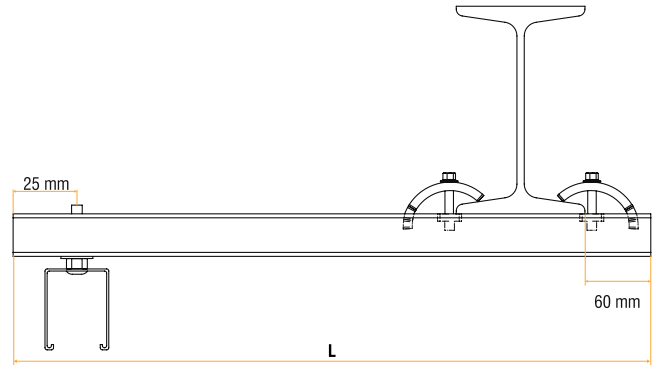
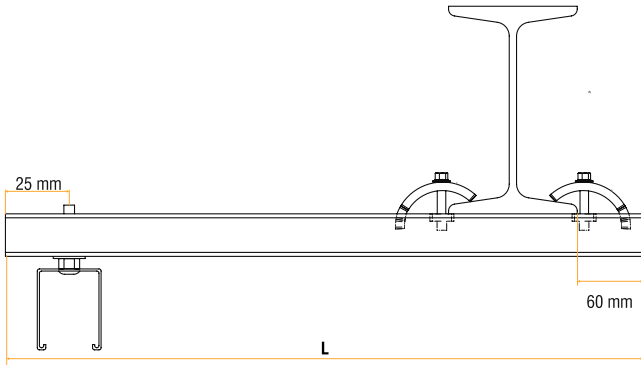
Malzeme Material	Ölçüler Dimension (mm)					
Galvanizli Çelik Steel (galvanised)	a1	a2	h	L1	L2	t
	40	13	40	67	28	2
	30	13	30	67	28	2



Kapalı İletken PVC Bara Askı Setleri Enclosed Conductor Rail Hanger Sets



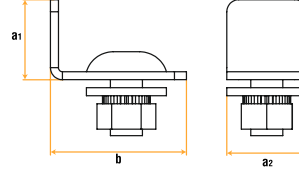
Malzeme
Material
Galvanizli Çelik
Steel (galvanised)



Ray Sonlandırma Tamponu End Stop Steel



Malzeme Material	Ölçüler Dimension (mm)		
Galvanizli Çelik Steel (galvanised)	a1	a2	b
	100	82	40



Platform Kablolar için Plastik Ek Yerli Çelik Taşıma Arabası Steel Trolley with Plastic saddle for Platform Cables



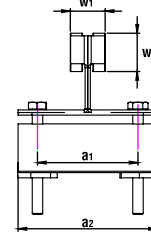
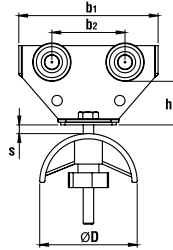
Tekerlek/Wheel
Malzeme/Material

Çelik makaralı / Steel roller
Çelik taşıyıcı gövdeli / Carrier body steel
Destek ek yerli poliamid / Support saddle polyamid
Galvanizli donanım / Hardware galvanised
Sıcaklık direnci / Temperature resistance
-30 °C to +70°C
Taşıyıcı başına 10 kg / 10 kg per carrier

Maks. Kablo Yüğü/Max. Cable Load

Ölçüler
Dimension (mm)

a ₁	58	h	25
a ₂	80	W ₁	20
b ₁	80	W ₂	22
b ₂	42	øD	50
s	20		



Platform Kabloları için Çelik Taşıma Arabası Steel Trolley for Platform Cables



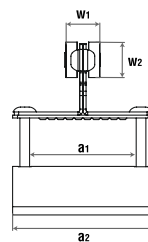
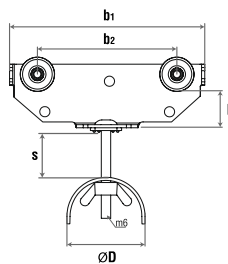
Tekerlek/Wheel
Malzeme/Material

Çelik makaralı / Steel roller
Taşıyıcı gövdeli / Carrier body steel
Destek Ek yerli poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanised
Sıcaklık Direnci / Temperature resistance
-30 °C to +70°C
Taşıyıcı başına 16 kg / 16 kg per carrier

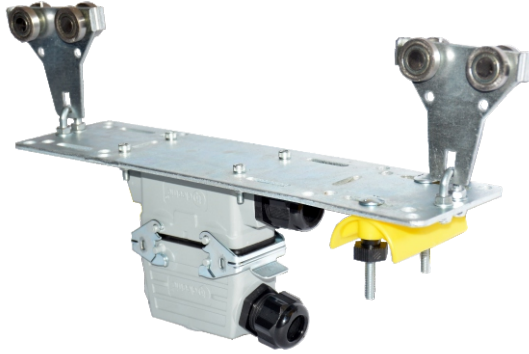
Maks. Kablo Yüğü/Max. Cable Load

Ölçüler
Dimension (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		



Platform Kablolar için Plastik Ekyerli Askılı İstasyon Arabası Pendant Station Trolley with plastic saddle for Flatform Cables



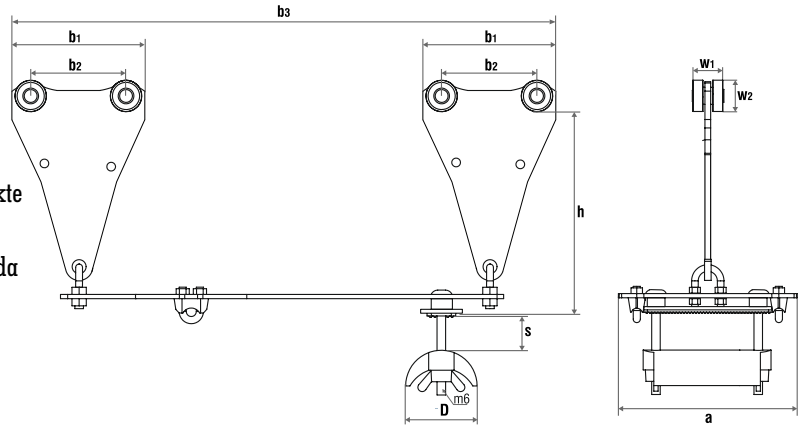
Tekerlek/Wheel
Malzeme/Material

Çelik makaralı / Steel roller
Çelik taşıyıcı gövdeli / Carrier body steel
Destek ekye poliamidi / Support saddle polyamid
Galvanizli donanım / Hardware galvanized
Sıcaklık direnci / Temperature resistance
-30 °C to +70 °C
Taşıyıcı başına 10 kg / 10 kg per carrier

Maks. Kablo Yüğü/Max. Cable Load

Ölçüler
Dimension (mm)

α	114	h	144
b ₁	93	W ₁	25
b ₂	66	W ₂	24
b ₃	420	øD	50
s	17		



Bu ürünler genelde 16 ve 24 yollu fiş ve prizler montajı ile birlikte kullanılır. Hızlı ve kolay montaj.

Bu aynı zamanda zamandan tasarruf sağlar ve bazı durumlarda sisteme minimum müdahale ile servis harcamalarını azaltır; bakım, arıza ve servis gibi.

Ürüne monte edilen soket, ürünle birlikte satılmak yerine uygulamayı göstermek için bu fotoğrafta yer almaktadır.

*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.

Platform Kablolar için Plastik Ekyer ile Kelepçeyi Başlatın Start Clamp with Plastic Saddle for Flatform Cables



Tekerlek/Wheel
Malzeme/Material

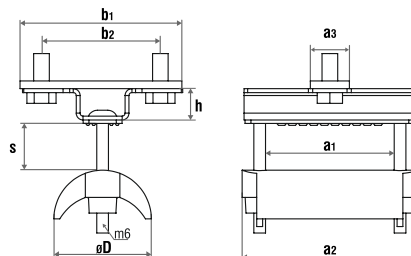
Çelik makaralı / Steel body
Poliamid taşıyıcı gövdeli / Support saddle polyamid
Galvanizli donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30 °C to +70 °C

Maks. Kablo Yüğü/Max. Cable Load

Taşıyıcı başına 10 kg / 10 kg per carrier

Ölçüler
Dimension (mm)

α ₁	64	b ₁	83
α ₂	90	b ₂	61
α ₃	25	h	13
s	17	øD	50



I-Profil Kablo Arabası I-Beam Cable Trolley



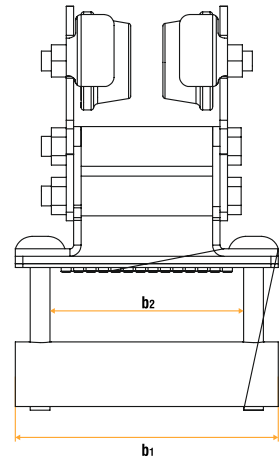
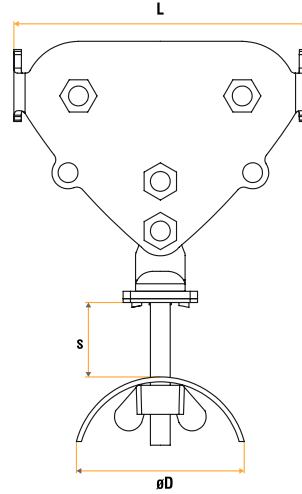
Tekerlek/Wheel
Malzeme/Material

Galvanizli çelik / Steel galvanized
Destek ekyer çeliği / Support saddle steel
Galvanizli donanım / Hardware galvanized
Sıcaklık direnci / Temperature resistance
-30 °C to +70 °C

Maks. Kablo Yüğü/Max. Cable Load

Taşıyıcı başına 35 kg /35 kg per carrier

Ölçüler Dimension (mm)	
L	118
b ₁	106
b ₂	74
s	18
øD	80



I-Kiriş Çekme Arabası I-Beam Tow Trolley



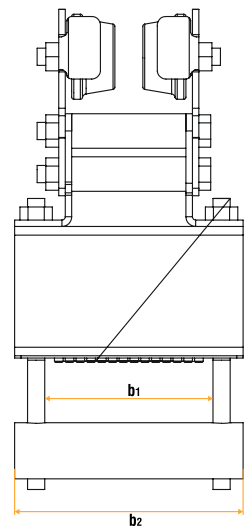
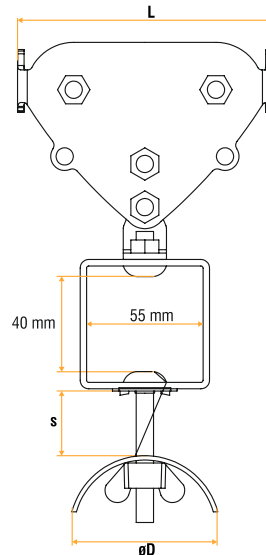
Tekerlek/Wheel
Malzeme/Material

Galvanizli Çelik / Steel galvanized
Destek ekyeri çelik / Support saddle steel
Galvanizli donanım / Hardware galvanized
Sıcaklık direnci / Temperature resistance
-30 °C to +70 °C

Maks. Kablo Yüğü/Max. Cable Load

Taşıyıcı başına 35 kg / 35 kg per carrier

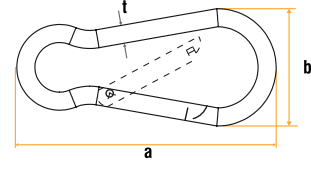
Ölçüler Dimension (mm)	
L	118
b ₁	106
b ₂	74
s	18
øD	80



Kanca Hook



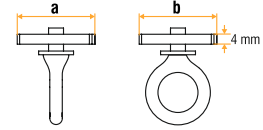
Malzeme Material	Ölçüler Dimension (mm)		
Galvanizli Çelik Steel (galvanised)	a1	b	h
	40	12	30



Mapa Rope Eye



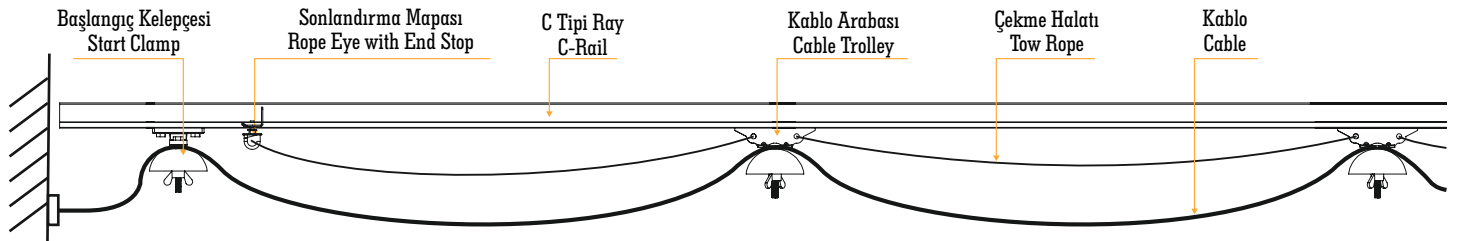
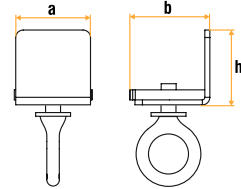
Malzeme Material	Ölçüler Dimension (mm)	
Çelik Steel	a1	b
	55	40



Sonlandırma Mapası Rope Eye with End Stop



Malzeme Material	Ölçüler Dimension (mm)		
Çelik Steel	a1	b	h
	100	82	40



I-Profil İlk Kelepçesi I-Beam Start Clamp



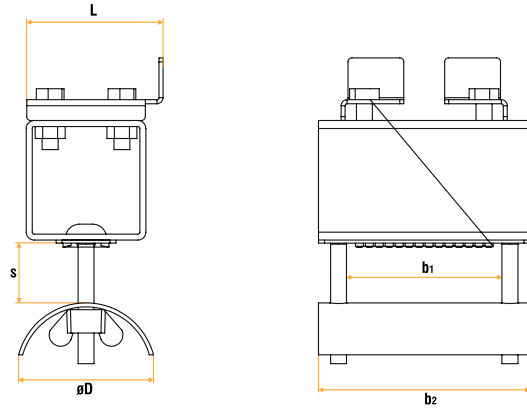
Tekerlek/Wheel
Malzeme/Material

Çelik gövde / Steel body
Destek ekyer çeliği / Support saddle steel
Galvaniz donanım / Hardware galvanized
Sıcaklık direnci / Temperature resistance
-30 °C to +70°C

Maks. Kablo Yüğü/Max. Cable Load

Taşıyıcı başına 35 kg / 35 kg per carrier

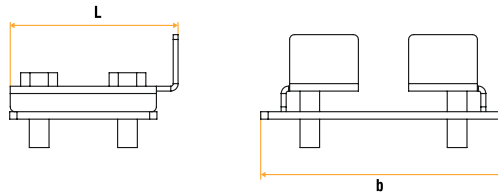
Ölçüler Dimension (mm)	
L	68
b ₁	106
b ₂	74
s	18
øD	80



I-Kiriş Son Kelepçesi I-Beam End Clamp



Malzeme Material	Ölçüler Dimension (mm)	
	L	b
Galvanizli Çelik Steel (galvanised)	68	100



I-Profil Kablolı Sarkıtma Arabası I-Beam Pendant Station Trolley



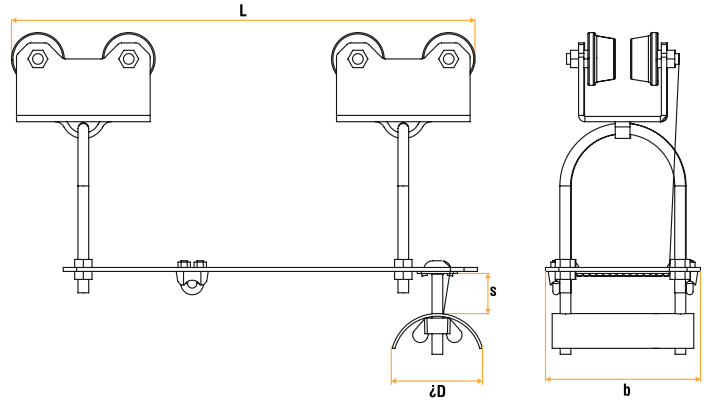
Tekerlek/Wheel
Malzeme/Material

Galvanizli çelik / Steel galvanized
Tamamen çelik / Full body steel
Galvanizli donanım / Hardware galvanized
Sıcaklık direnci Temperature resistance
-30 °C to +70°C

Maks. Kablo Yüğü/Max. Cable Load

Taşıyıcı başına 35 kg / 35 kg per carrier

Ölçüler Dimension (mm)	
L	347
b	116
s	18
øD	80



Bu ürünler genelde 16 ve 24 yollu fiş ve prizler montajı ile birlikte kullanılır. Hızlı ve kolay montaj.

Bu aynı zamanda zamandan tasarruf sağlar ve bazı durumlarda sisteme minimum müdahale ile servis harcamalarını azaltır; bakım, arıza ve servis gibi.

Ürüne monte edilen soket, ürünle birlikte satılmak yerine uygulamayı göstermek için bu fotoğrafta yer almaktadır.

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*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.

Yassı Kablo için Kablo Rakoru Cable Gland for Flatform Cable

Fiş ve Soket Takımları Plug and Socket Sets

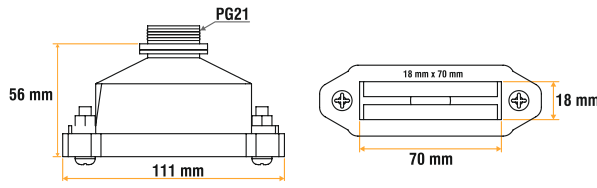


Malzeme / Material

Kablo Kelepçeleme Kapasitesi
/ Cable Clamping Capacity

Poliamid / Polyamid

18 mm x 70 mm



I-Profil Kablo Arabası I-Beam Cable Trolleys



Tekerlek/Wheel

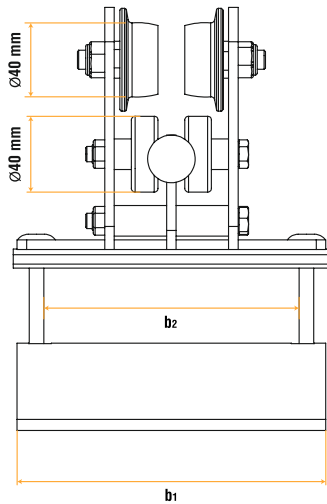
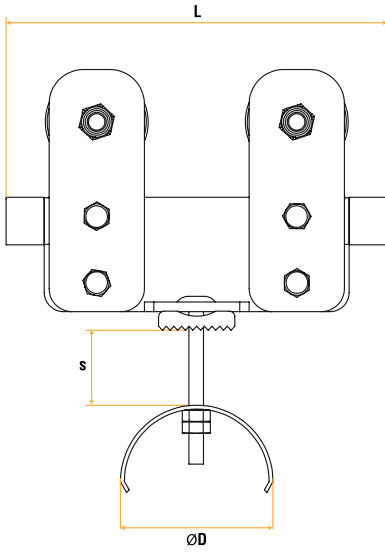
Malzeme/Material

Kablo Yüğü/Cable Load

Sıcaklık Direnci

Yürütme Hızı / Travel Speed

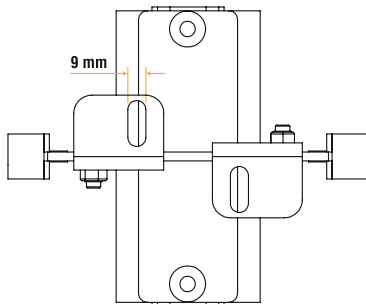
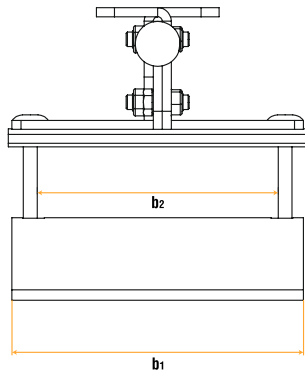
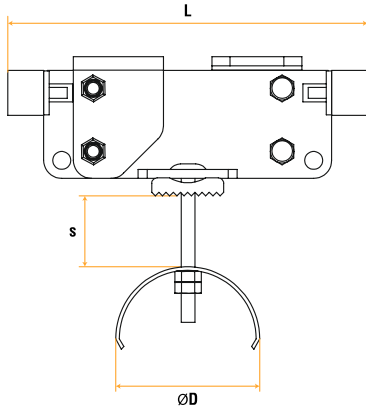
Galvanizli Ana Teker / Main Rollers (steel galvanized) (ø40/55)
 Kaldırma Önleyici Makara / Antilift Roller (ø40)
 Çelik Taşıyıcı Gövdeli / Carrier body steel
 Destek ek yer çeliği / Support saddle steel
 Galvanizli donanım / Hardware galvanized
 Taşıyıcı Başına 50 kg (max. 80kg) / 50 kg per carrier (Max. 80 kg)
 -30 °C / + 70°C
 Max. 100 m/min.



øD	L	b1	b2	s
80	160	100	70	35
		160	130	
	200	100	70	55
		160	130	
100	160	165	135	25
		215	185	
	200	165	135	45
		215	185	
	250	165	135	70
		215	185	
125	200	100	70	35
		160	130	
	250	100	70	60
		160	130	
		200	170	
		215	185	
140	200	165	135	25
		215	185	
	250	165	135	50
		215	185	
	290	165	135	70
		215	185	
160	250	175	130	40
		215	170	
	280	175	130	55
		215	170	
200	250	175	125	20
		215	165	
250	320	175	125	25
		215	165	
		265	215	
320	400	175	125	32
		215	165	
		265	215	

I-Profil Son Kelepçesi

I-Beam End Clamps



Tekerlek/Wheel

Malzeme/Material

Kablo Yüğü/Cable Load

Sıcaklık Direnci

Yürütme Hızı / Travel Speed

Galvanizli Ana Teker / Main Rollers (steel galvanized) (ø40/55)
 Kaldırma Önleyici Makara / Antilift Roller (ø40)
 Çelik Taşıyıcı Gövdeli / Carrier body steel
 Destek ekyer çeliği / Support saddle steel
 Galvanizli donanım / Hardware galvanized
 Taşıyıcı Başına 50 kg (max. 80kg) / 50 kg per carrier (Max. 80 kg)
 -30 °C / +70°C
 Max. 100 m/min.

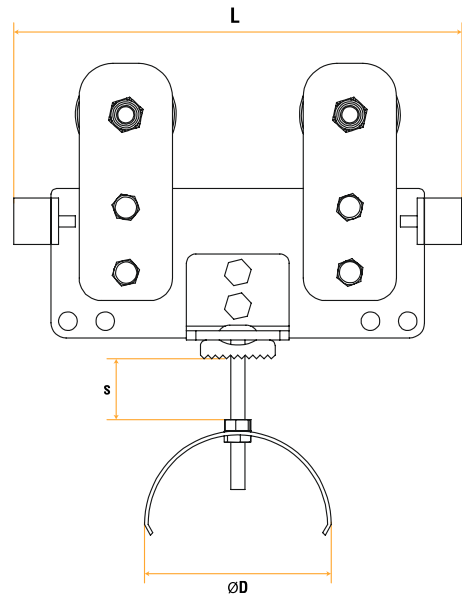
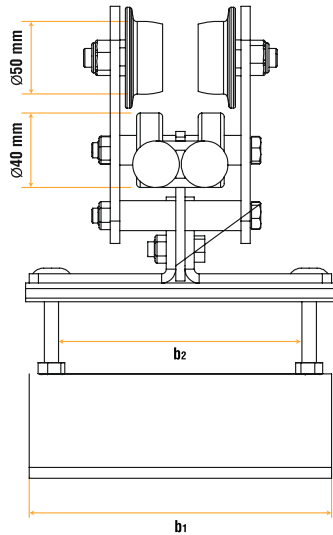
øD	L	b1	b2	s
80	160	100	70	35
		160	130	
	200	100	70	55
		160	130	
100	160	165	135	25
		215	185	
	200	165	135	45
		215	185	
	250	165	135	70
		215	185	
125	200	100	70	35
		160	130	
	250	100	70	60
		160	130	
		200	170	
		215	185	
140	200	165	135	25
		215	185	
	250	165	135	50
		215	185	
	290	165	135	70
		215	185	
160	250	175	130	40
		215	170	
	280	175	130	55
		215	170	
200	250	175	125	20
		215	165	
250	310	175	125	25
		215	165	
		265	215	
320	400	175	125	32
		215	165	
		265	215	

I-Profil Kablo Arabası I-Beam Cable Trolleys

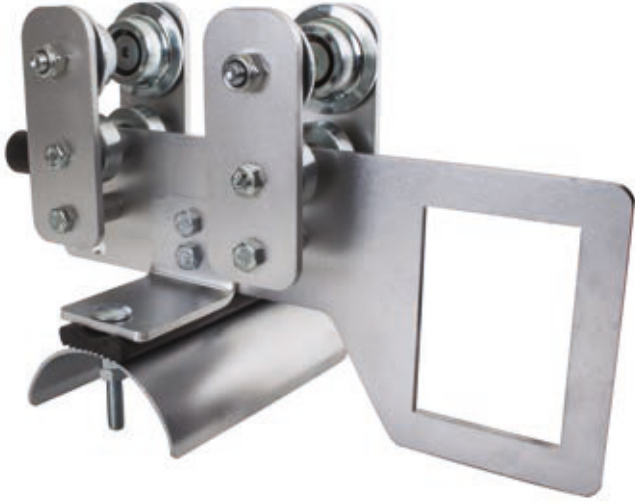


Tekerlek/Wheel	Galvanizli Ana Teker / Main Rollers (steel galvanized) (ø50/63) Kaldırma Önleyici Makara / Antilift Roller (ø40)
Malzeme/Material	Çelik Taşıyıcı Gövdeli / Carrier body steel Destek ek yer çeliği / Support saddle steel Galvanizli donanım / Hardware galvanized
Kablo Yüğü/Cable Load	Taşıyıcı Başına 80 kg (max. 125kg) / 80 kg per carrier (Max. 125 kg)
Sıcaklık Direnci	-30 °C / +70°C
Yürütme Hızı / Travel Speed	Max. 120 m/min.

øD	L	b1	b2	s
125	250	160	130	60
		200	170	
140	250	165	135	50
		215	185	
	290	165	135	70
		215	185	
160	320	160	130	70
		200	170	
		250	220	
200	320	160	130	50
		200	170	
		250	220	
250	320	155	125	25
		195	165	
		245	215	
320	400	155	125	32
		195	165	
		245	215	



I-Profil Çekme Arabası I-Beam Tow Trolleys



Tekerlek/Wheel

Malzeme/Material

Kablo Yüğü/Cable Load

Sıcaklık Direnci

Yürütme Hızı / Travel Speed

Galvanizli Ana Teker / Main Rollers (steel galvanized) (ø50/63)

Kaldırma Önleyici Makara / Antilift Roller (ø40)

Çelik Taşıyıcı Gövdeli / Carrier body steel

Destek ekyer çeliği / Support saddle steel

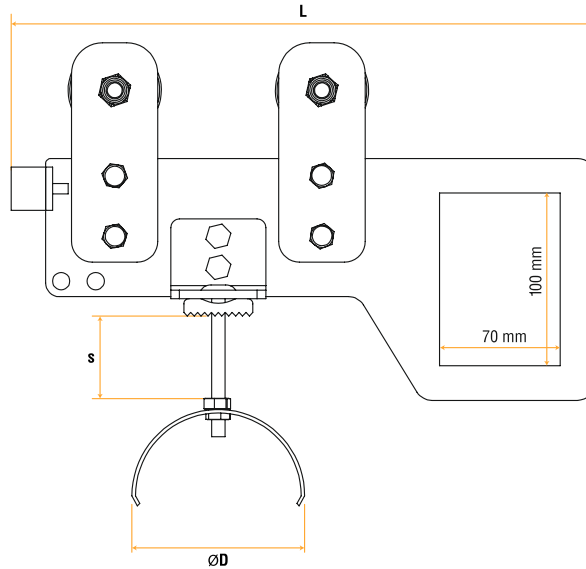
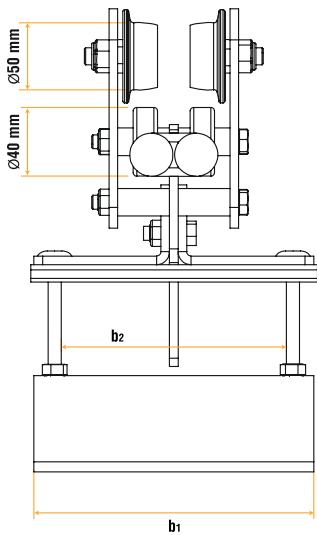
Galvanizli donanım / Hardware galvanized

Taşıyıcı Başına 80 kg (max. 125kg) / 80 kg per carrier (Max. 125 kg)

-30 °C / +70°C

Max. 120 m/min.

øD	L	b1	b2	s
125	340	160	130	60
		200	170	
140	340	165	135	50
		215	185	
	380	165	135	70
		215	185	
160	410	160	130	70
		200	170	
		250	220	
200	410	160	130	50
		200	170	
		250	220	
250	410	155	125	25
		195	165	
		245	215	
320	490	155	125	32
		195	165	
		245	215	



I-Profil Kablo Arabası I-Beam Cable Trolleys



Tekerlek/Wheel

Malzeme/Material

Kablo Yüğü/Cable Load

Sıcaklık Direnci

Yürütme Hızı / Travel Speed

Galvanizli Ana Teker / Main Rollers (steel galvanized) (Ø63/80)
Kaldırma Önleyici Makara Antilift Roller (Ø40)

Çelik Taşıyıcı Gövdesi / Carrier body steel

Destek ek yer çeliği / Support saddle steel

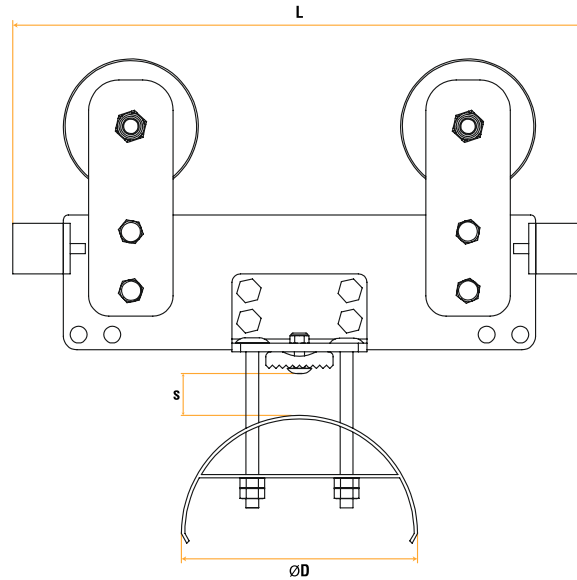
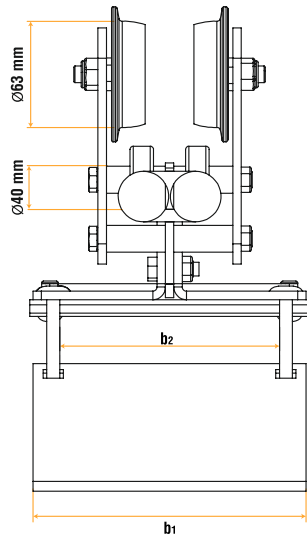
Galvanizli donanım / Hardware galvanized

Taşıyıcı Başına 125 kg (max. 200kg) 125 kg per carrier (Max. 200 kg)

-30 °C / + 70°C

Max. 150 m/min.

ØD	L	b1	b2	s
125	250	160	130	50
		200	170	
		250	220	
	320	160	130	85
		200	170	
		250	220	
140	250	165	135	50
		215	185	
	290	165	135	70
		215	185	
160	320	160	130	70
		200	170	
		250	220	
200	400	160	130	85
		200	170	
		250	220	
250	320	160	130	25
		200	170	
		250	220	
320	400	160	130	32
		200	170	
		250	220	



I-Profil Çekme Arabası I-Beam Tow Trolley



Tekerlek/Wheel

Malzeme/Material

Kablo Yüğü/Cable Load

Sıcaklık Direnci

Yürütme Hızı / Travel Speed

Galvanizli Ana Teker / Main Rollers (steel galvanized) (ø63/80)

Kaldırma Önleyici Makara Antilift Roller (ø40)

Çelik Taşıyıcı Gövdeli / Carrier body steel

Destek ekyer çeliği / Support saddle steel

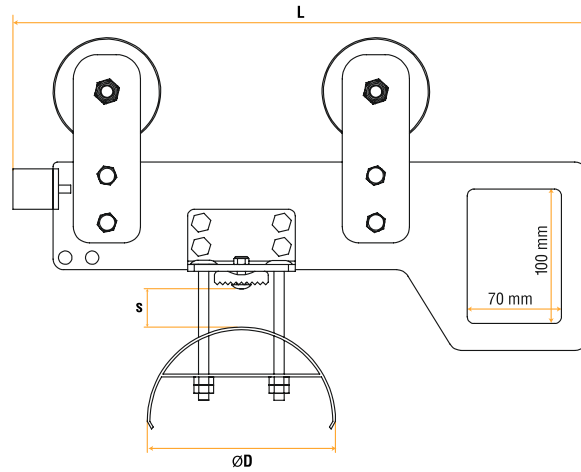
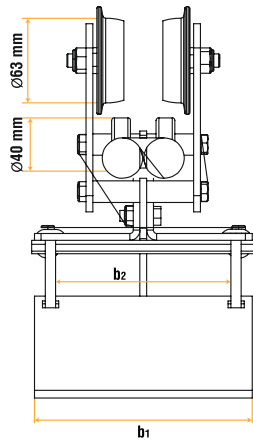
Galvanizli donanım / Hardware galvanized

Taşıyıcı Başına 125 kg (max. 200kg) 125 kg per carrier (Max. 200 kg)

-30 °C / + 70°C

Max. 150 m/min.

øD	L	b1	b2	s
125	340	160	130	50
		200	170	
		250	220	
	410	160	130	85
		200	170	
		250	220	
140	340	165	135	50
		215	185	
	380	165	135	70
		215	185	
160	410	160	130	70
		200	170	
		250	220	
200	490	160	130	85
		200	170	
		250	220	
250	410	160	130	25
		200	170	
		250	220	
320	490	160	130	32
		200	170	
		250	220	



I-Profil Son Kelepçesi

I-Beam End Clamps



Tekerlek/Wheel

Malzeme/Material

Kablo Yüğü/Cable Load

Sıcaklık Direnci

Yürütme Hızı / Travel Speed

Galvanizli Ana Teker / Main Rollers (steel galvanized) (ø63/80)

Kaldırma Önleyici Makara Antilift Roller (ø40)

Çelik Taşıyıcı Gövdeli / Carrier body steel

Destek ekyer çeliği / Support saddle steel

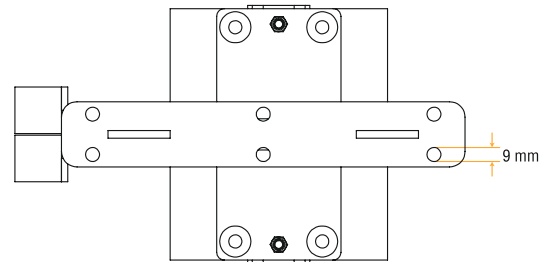
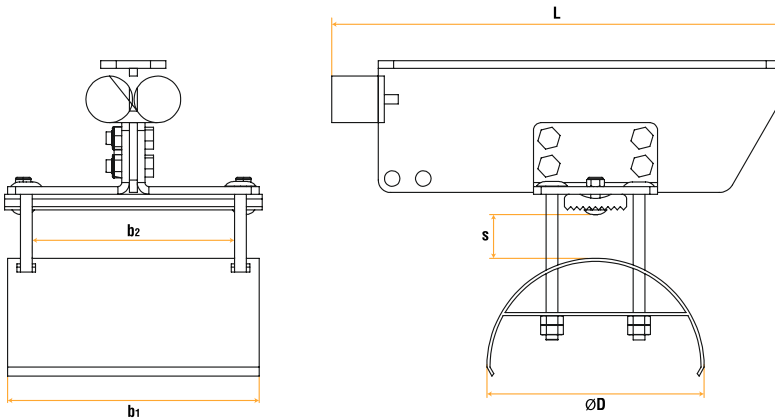
Galvanizli donanım / Hardware galvanized

Taşıyıcı Başına 125 kg (max. 200kg) 125 kg per carrier

-30 °C / +70°C

Max. 150 m/min.

øD	L	b1	b2	s
125	230	160	130	50
		200	170	
		250	220	
	300	160	130	85
		200	170	
		250	220	
140	230	165	135	50
		215	185	
	270	165	135	70
		215	185	
160	300	160	130	70
		200	170	
		250	220	
200	380	160	130	85
		200	170	
		250	220	
250	300	160	130	25
		200	170	
		250	220	
320	380	160	130	32
		200	170	
		250	220	



Çelik Halat İçin Çelik Taşıma Arabası Trolley for Roundform Cables

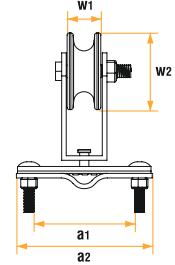
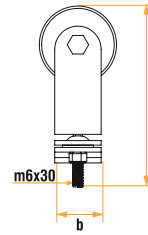
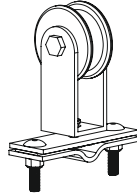


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

POM/PA (GFR)
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 7 kg / 7 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a ₁	66	h ₁	115
a ₂	88	w ₁	22
b	30	w ₂	49



Çelik Halat İçin Çelik Taşıma Arabası Steel Trolley for Roundform Cables

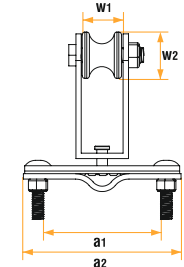
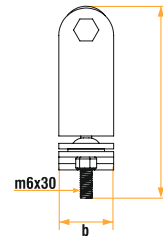
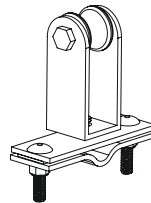


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 15 kg / 15 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a ₁	66	h ₁	108
a ₂	88	w ₁	23
b	30	w ₂	30



Çelik Halat İçin İki Tekerlekli Çelik Taşıma Arabası Steel Trolley With Two Wheels for Roundform Cables

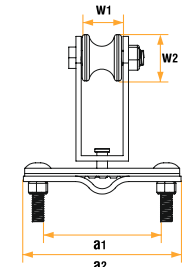
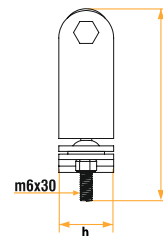
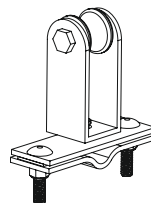


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 15 kg / 15 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a ₁	66	h ₁	108
a ₂	88	w ₁	23
b	30	w ₂	28



Çelik Halat İçin Üç Tekerlekli Çelik Taşıma Arabası (6-8mm Halat Uygulaması) Steel Trolley With Three Wheels for Roundform Cables (6-8mm Rope Application)

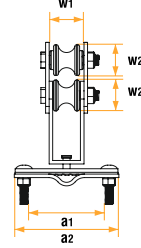
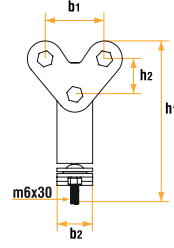
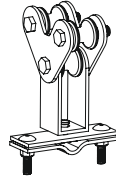


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüklü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a_1	66	h_1	130
a_2	88	h_2	23
b_1	30	w_1	23
b_2	50	w_2	30



Çelik Halat İçin Üç Tekerlekli Çelik Taşıma Arabası (10-12mm Halat Uygulaması) Steel Trolley With Three Wheels for Roundform Cables (10-12mm Rope Application)

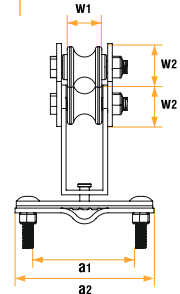
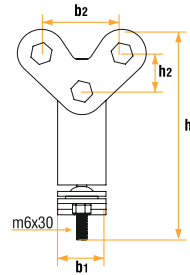
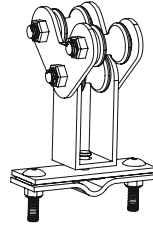


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüklü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a_1	66	h_1	140
a_2	88	h_2	29
b_1	30	w_1	23
b_2	50	w_2	30



Çelik Halat İçin Çekme Kelepçesi Towing Clamp for Roundform Cables

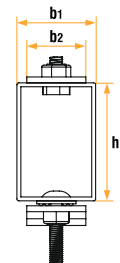
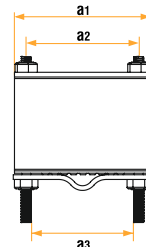
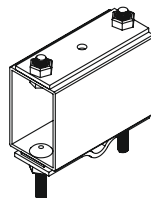


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüklü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a_1	74	b_1	30
a_2	88	b_2	40
a_3	66	h	68



Çelik Halat İçin Çekme Arabası (6-8mm Halat Uygulaması) Towing Trolley for Roundform Cables (6-8mm Rope Application)



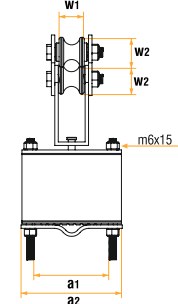
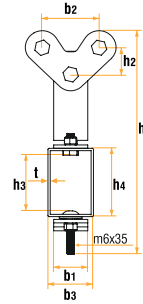
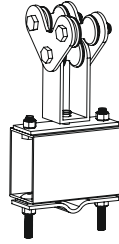
Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler
Dimension (mm)

a_1	66	h_1	190
a_2	88	h_2	23
b_1	30	h_3	49
b_2	50	h_4	60
b_3	40	w_1	23
t	2,5	w_2	30



Çelik Halat İçin Çekme Arabası (10-12mm Halat Uygulaması) Towing Trolley for Roundform Cables (10-12mm Rope Application)



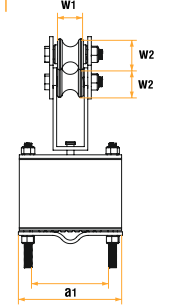
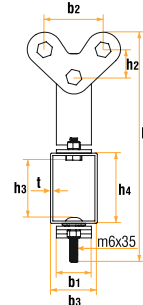
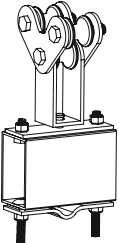
Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler
Dimension (mm)

a_1	66	h_1	200
a_2	88	h_2	29
b_1	30	h_3	49
b_2	50	h_4	60
b_3	40	w_1	23
t	2,5	w_2	30



Çelik Halat İçin Başlangıç Arabası Start Trolley for Roundform Cables



Malzeme/Material

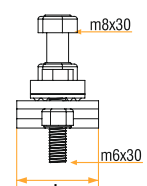
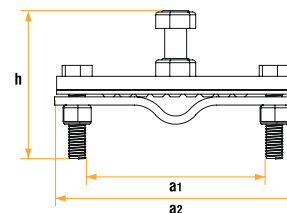
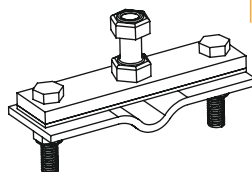
Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Destek ek yer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C

Taşıyıcı başına 21 kg / 21 kg per carrier
16 mm dikey (vertical) / 60 mm yatay (horizontal)

Ölçüler
Dimension (mm)

a_1	66	h_1	30
a_2	88	h_2	56



Çelik Halat İçin Başlangıç Arabası Trolley for Flatform Cables



Tekerlek/Wheel
Malzeme/Material

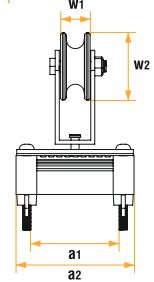
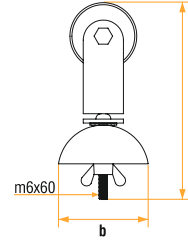
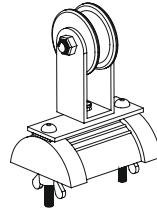
Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

POM/PA(GFR)

Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 7 kg / 7 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler
Dimension (mm)

a_1	55	h_1	140
a_2	86	w_1	23
b_1	65	w_2	30



Çelik Halat İçin Çelik Arabalar Steel Trolley For Flatform Cables



Tekerlek/Wheel
Malzeme/Material

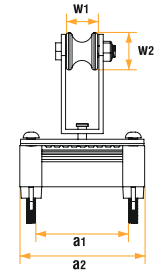
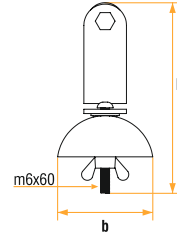
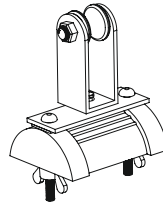
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Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel

Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 15 kg / 15 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler
Dimension (mm)

a_1	55	h_1	140
a_2	86	w_1	23
b_1	65	w_2	30



Çelik Halat için iki tekerlekli çelik arabalar Steel Trolley With Two Wheels for Flatform Cables



Tekerlek/Wheel
Malzeme/Material

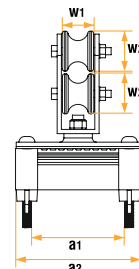
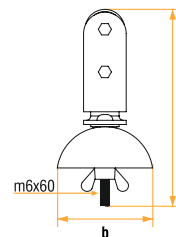
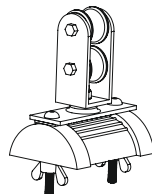
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Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel

Taşıyıcı Gövde Çelik / Carrier body steel
Destek ekyer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 15 kg / 15 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler
Dimension (mm)

a_1	55	h_1	140
a_2	86	w_1	23
b_1	65	w_2	28



Çelik Halat İçin Üç Tekerlekli Çelik Taşıma Arabası (6-8mm Halat Uygulaması) Steel Trolley With Three Wheels for Flatform Cables (6-8mm Rope Application)

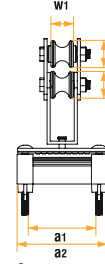
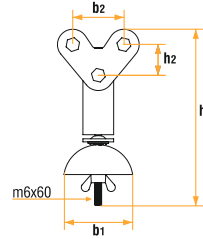
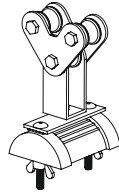


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler Dimension (mm)			
α_1	55	h_1	160
α_2	86	h_2	23
b_1	65	w_1	23
b_2	50	w_2	30



Çelik Halat İçin Üç Tekerlekli Çelik Taşıma Arabası (10-12mm Halat Uygulaması) Steel Trolley With Three Wheels for Flatform Cables (10-12mm Rope Application)

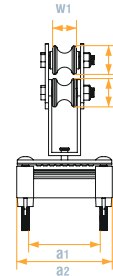
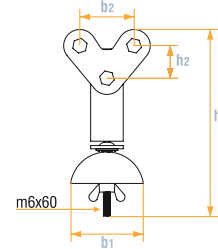
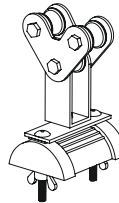


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler Dimension (mm)			
α_1	55	h_1	160
α_2	86	h_2	29
b_1	65	w_1	23
b_2	50	w_2	30



Çelik Halat İçin Başlangıç Arabası Towing Clamp for Flatform Cables

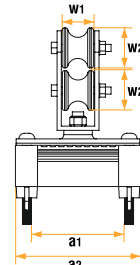
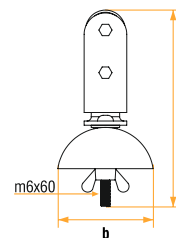
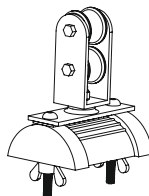


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepçeleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler Dimension (mm)			
α_1	55	b_1	65
α_2	88	b_2	40
α_3	74	h_1	145
t	2,5	h_2	48



Çelik Halat İçin Çekme Arabası (6-8mm Halat Uygulaması) Towing Trolley for Flatform Cables (6-8mm Rope Application)

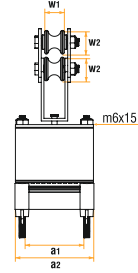
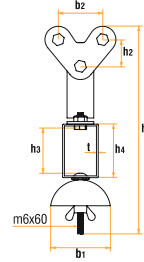
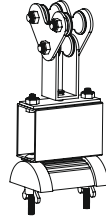


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepleleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer çeliği / Support saddle steel
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a_1	55	h_1	220
a_2	86	h_2	23
b_1	65	h_3	49
b_2	50	h_4	60
t	2,5	w_1	23
		w_2	30



Çelik Halat İçin Çekme Arabası (10-12mm Halat Uygulaması) Towing Trolley for Flatform Cables (10-12mm Rope Application)

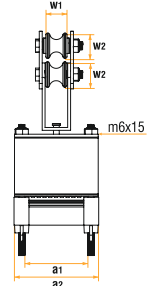
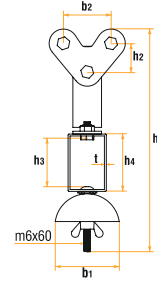
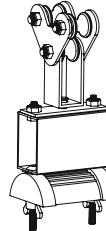


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepleleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a_1	55	h_1	230
a_2	86	h_2	23
b_1	65	h_3	49
b_2	50	h_4	60
t	2,5	w_1	23
		w_2	30



Start Clamp for Flatform Cables Start Clamp for Flatform Cables

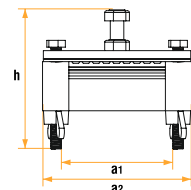
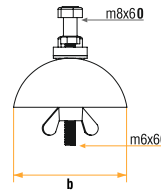
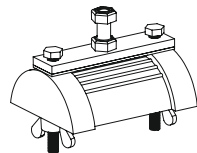


Tekerlek/Wheel
Malzeme/Material

Maks. Kablo Yüğü/Max. Cable Load
Maks. Kablo Kelepleleme Kap. /
Max. Cable Clamping Capacity

Çelik / Steel
Taşıyıcı Gövde Çelik / Carrier body steel
Destek ek yer poliamid / Support saddle polyamid
Galvanizli Donanım / Hardware galvanized
Sıcaklık Direnci / Temperature resistance
-30°C/+70°C
Taşıyıcı başına 21 kg / 21 kg per carrier
18 mm dikey (vertical) / 50 mm yatay (horizontal)

Ölçüler Dimension (mm)			
a_1	55	h_1	65
a_2	86	h_2	85

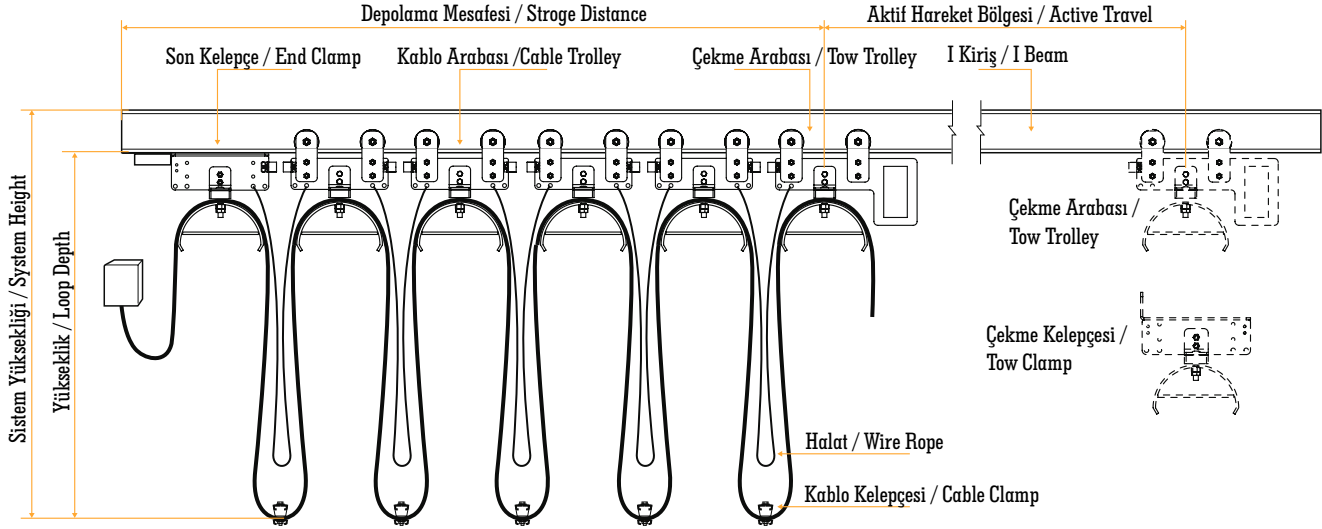


C Tipi Ray Elektrik Tesisatı / C-Rail Festoon System

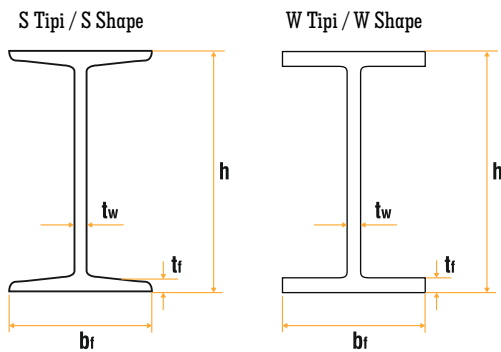
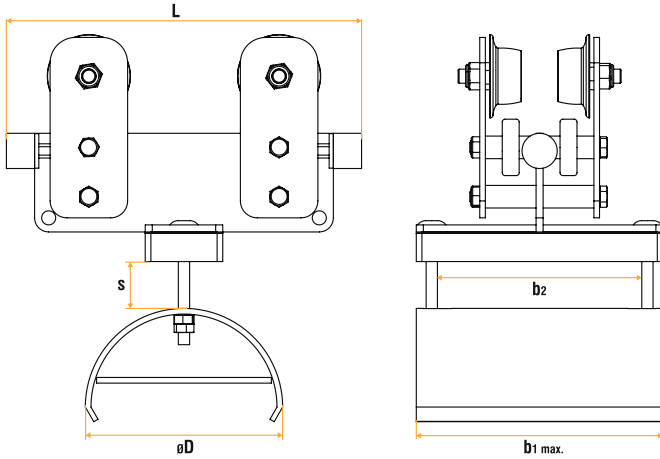
Firma Bilgileri / Company Information

Tarih / Date :
 Firma Adı / Company Name :
 Adres / Address :
 İlgili Kişi / Contact Person :

Telefon / Phone :
 Fax :
 E-mail :
 Lütfen aşağıdaki soruları cevaplayınız.
 Please answer all the following questions
 as accurately as possible.



Yürüyüş hızı / Travel speed :m/min
 Yük Kapasitesi / Load Capacity :kg
 Çekme Tipi / Towing Selection : ☐ Çekme Arabası / Tow Trolley ☐ Çekme Kelepçesi / Tow Clamp
 Çekme Halatı / Tow Rope : ☐ Evet / Yes ☐ Hayır / No



Kiriş Boyutu / Beam Size/.....

☐ S Tipi / S Shape ☐ W Tipi / W Shape

h :mm
 bf :mm
 tw :mm
 tr :mm

Firma Bilgileri / Company Information

Tarih / Date :
Firma Adı / Company Name :
Adres / Address :
İlgili Kişi / Contact Person :

Telefon / Phone :
Fax :
E-mail :
Lütfen aşağıdaki soruları cevaplayınız.
Please answer all the following questions
as accurately as possible.

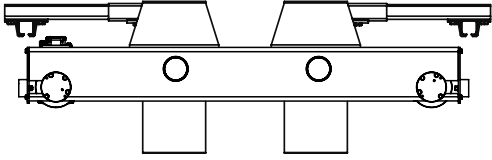
Sistem Bilgileri / Sysem Information

İlgili Kişi / Contact Person ☐ Dış Mekan / Outdoor ☐ İç Mekan / Indoor Sıcaklık Aralığı / Temperature Range °C min. °C max.

Destek Kolunun Montaj Şekilleri / Mounting Part Arrangement Types With Support Bar

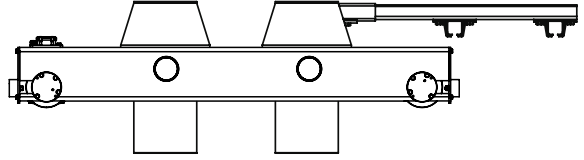
☐ Çift Kiriş

(İki tarafta destek kolu/two side Support bar)



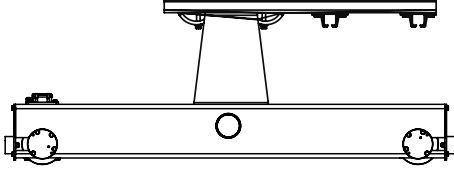
☐ Çift Kiriş

(Tek tarafta destek kolu/one side Support bar)



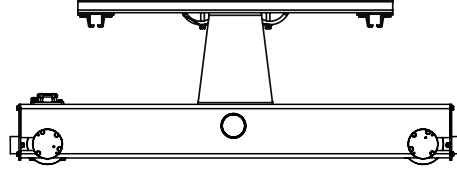
☐ Tek Kiriş

(Tek tarafta destek kolu/one side Support bar)



☐ Tek Kiriş

(İki tarafta destek kolu/two side Support bar)



Güç Uygulaması / Power Application

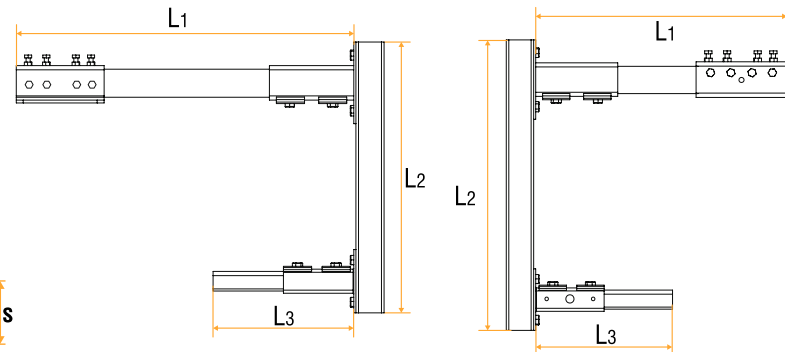
Sistem depolama mesafesi / System storage distancem
Yol uzunluğu / Track lenghtm
Max. döngü derinliği / Max. loop depthcm
Yürüyüş hızı / Travel speedm/min
Min. dönüş çapı / Min. bending radiusmm

☐ Çekme Kolu Aranjmanı / Tow Arm Arrangement

L₁mm
L₂mm
L₃mm

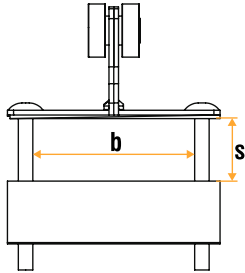
☐ CS1008A

☐ CS1008B



No	Genişlik/Width	Kalınlık/Thickness
.....	mm	mm
.....	mm	mm
.....	mm	mm

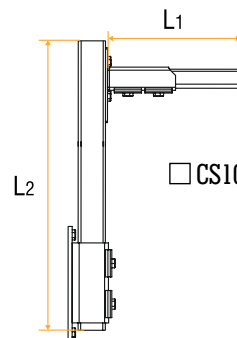
s mm
b mm



No	Halat Çapı/Cable Dim. øD
.....	mm
.....	mm
.....	mm



☐ CS1008E

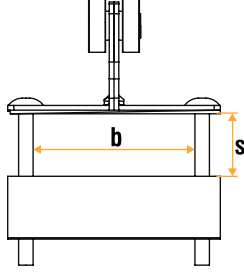


Kontrol Uygulaması / Control Application

☐ Platform Halatı / Platform Cables

No	Genişlik/Width	Kalınlık/Thickness
.....	mm	mm
.....	mm	mm
.....	mm	mm

s _____ mm
b _____ mm


☐ Taşıma Halatı / Roundform Cables

No	Halat Çapı/Cable Dim. ϕD	ϕD
.....	mm	
.....	mm	
.....	mm	

Kiriş Yolu Uygulaması / Runway Girder Application

☐ Çekme Kolu Aranjmanı / Tow Arm Arrangement

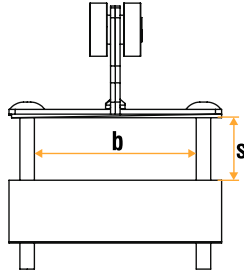
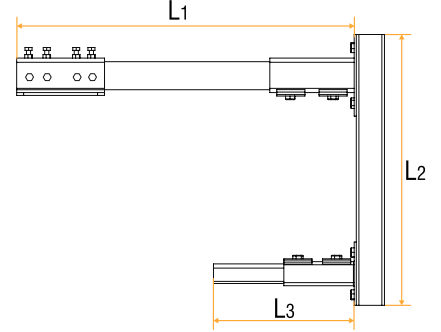
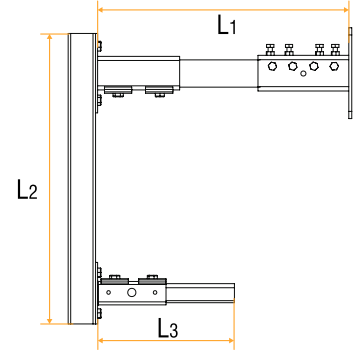
Sistem depolama mesafesi / System storage distancem
 Yol uzunluğu / Track lengthm
 Max. döngü derinliği / Max. loop depthcm
 Yürüyüş hızı / Travel speedm/min
 Min. dönüş çapı / Min. bending radiusmm

L₁mm
L₂mm
L₃mm

☐ Platform Halatı / Platform Cables

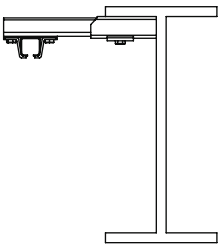
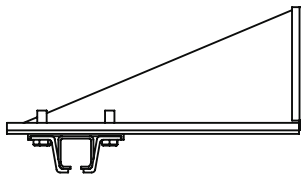
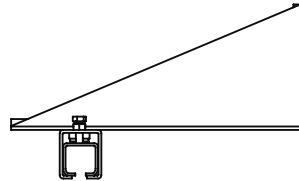
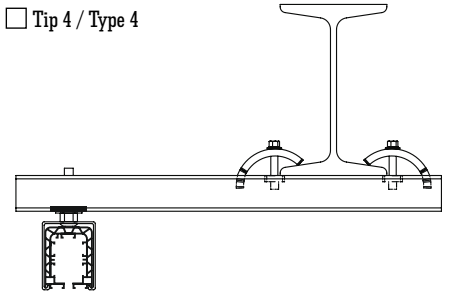
No	Genişlik/Width	Kalınlık/Thickness
.....	mm	mm
.....	mm	mm
.....	mm	mm

s _____ mm
b _____ mm


☐ CS1008B

☐ CS1008B


No	Halat Çapı/Cable Dim. ϕD	ϕD
.....	mm	
.....	mm	
.....	mm	

Destek Bağlantı Arajmanları / Support Bracket Arrangement

☐ Tip 1 / Type 1

☐ Tip 2 / Type 2

☐ Tip 3 / Type 3

☐ Tip 4 / Type 4

☐ Başlık Kapağı / End Carriage Cap

☐ Lastik Tampon / Rubber Buffer



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