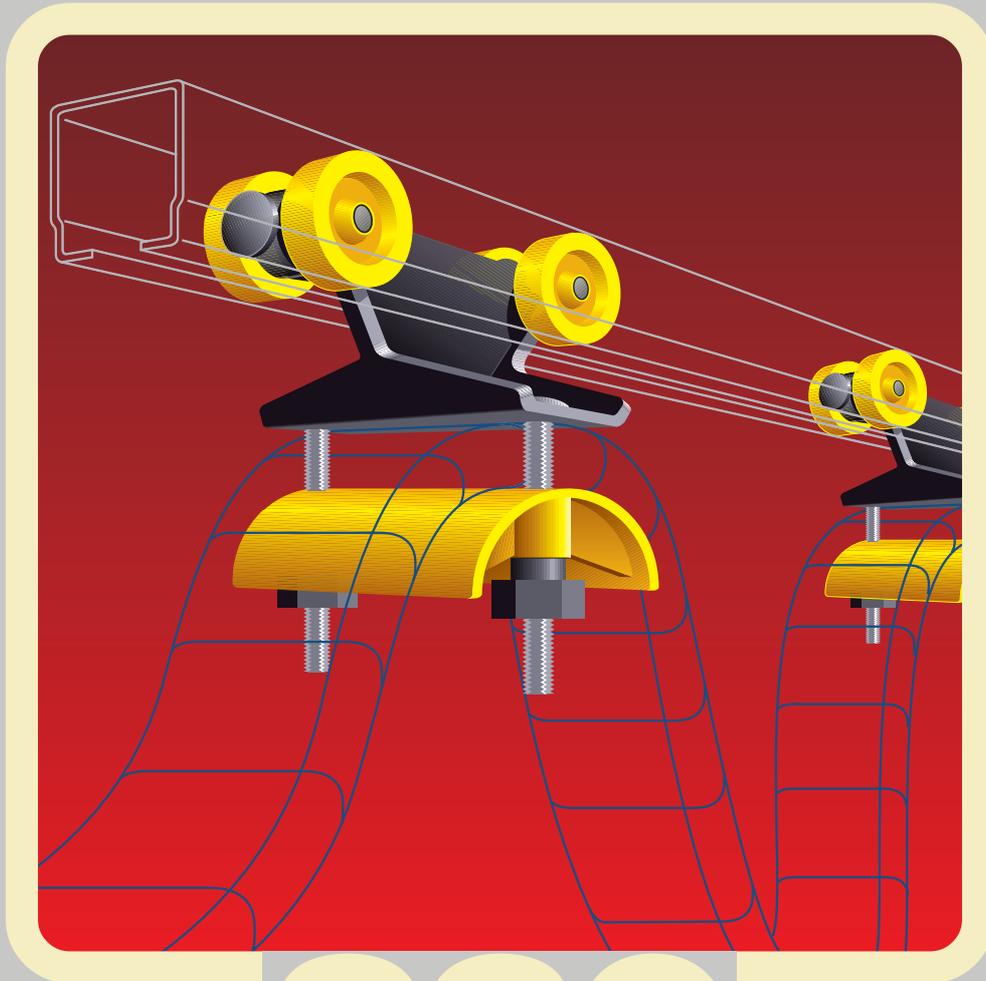


Energy Supply Systems

C-RAIL PROGRAMME

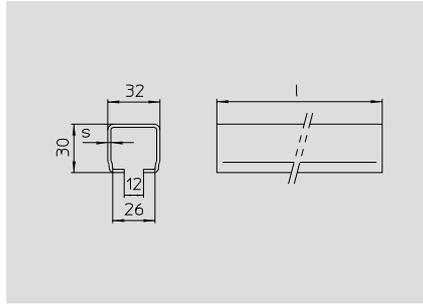


230

wampfler
solutions for a moving world

C-Rails and Accessories

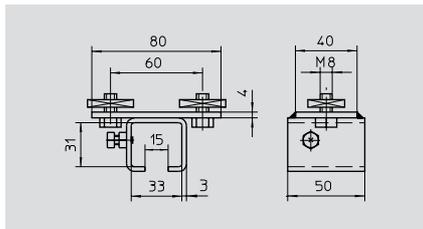
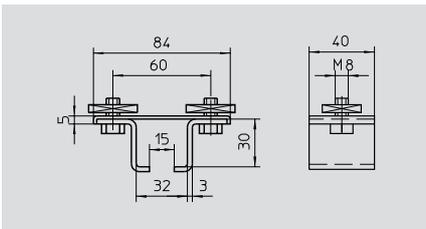
C-Rails



Catalogue-No.	Length l [mm]	Thickness s [mm]
023200-6	6000	2
023200-4	4000	
023201-6	6000	1.5
023201-4	4000	

Material: galvanized steel
Other lengths are available on inquiry.

Track Support Bracket



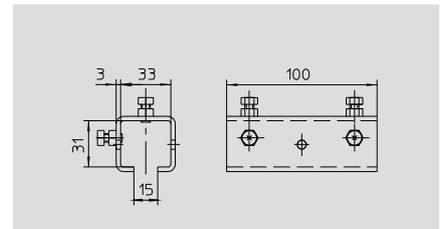
Cat.-No.	Type
023220	without screws and square nuts
023222	with screws and square nuts

Material: galvanized steel
Perm. load: 63 kg

Cat.-No.	Type
023225	without screws and square nuts
023226	with screws and square nuts

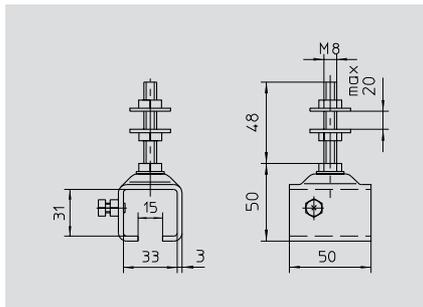
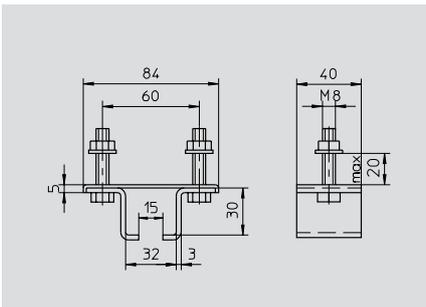
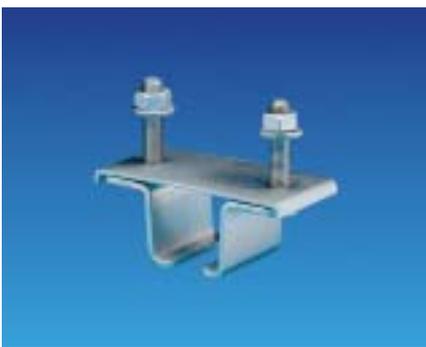
Material: galvanized steel
Perm. load: 160 kg

Track Coupler



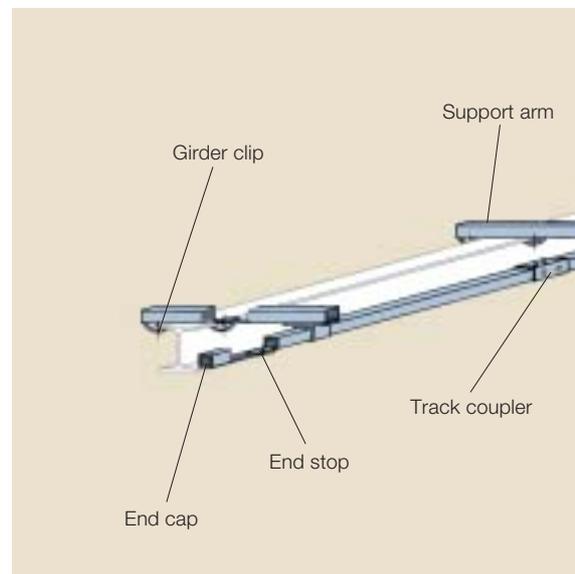
Cat.-No.	Type
023210	with clamping screws

Material: galvanized steel



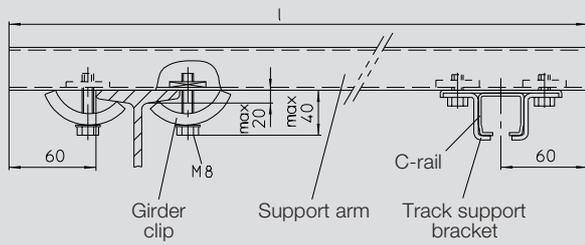
Catalogue-No.: 023223
Material: galvanized steel
Perm. load: 63 kg

Catalogue-No.: 023231
Material: galvanized steel
Perm. load: 63 kg



C-Rails and Accessories

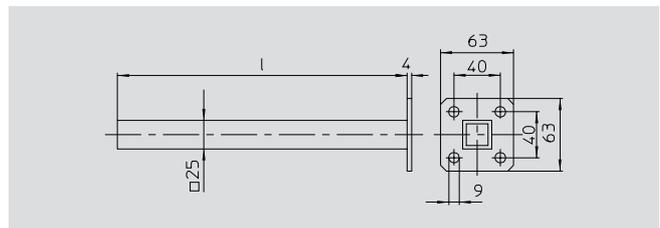
Support Arm and Girder Clip



Description	Catalogue-No.	l [mm]
Support arm	020275-0500	500
Support arm	020275-1000	1000
Girder clip	020180-08	

Material: galvanized steel
For support arm with holes, see main catalogue programme 230.

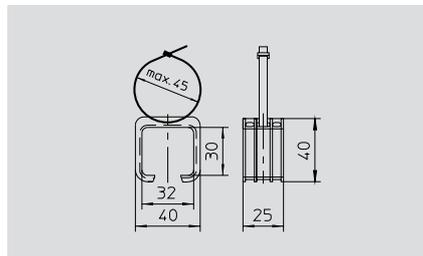
Towing Arm for Towing Trolley



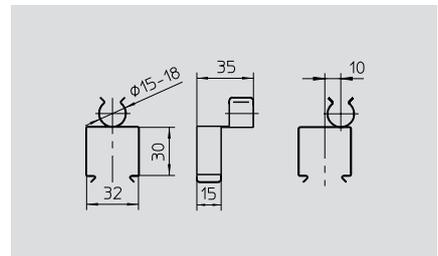
Catalogue-No.	l [mm]
020195-400	400
020195-630	630

Material: galvanized steel

Clips for Cable Attachment

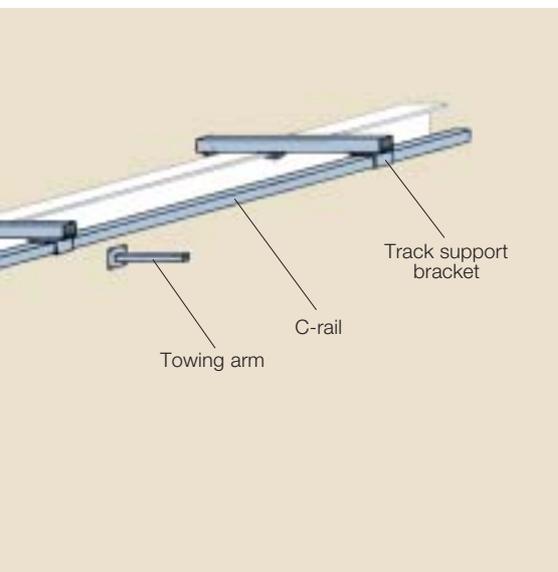


Catalogue-No.: 023790-1
Clip with cable tie for flat and round cables.
Material: plastic

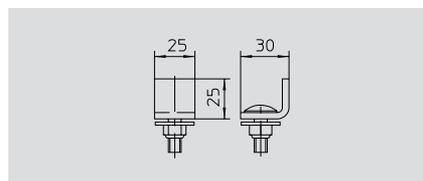


Cat.-No.: 023795-1
Clip with central attachment for round cables.
Material: stainless steel

Cat.-No.: 023795-2
Clip with lateral attachment for round cables.
Material: stainless steel

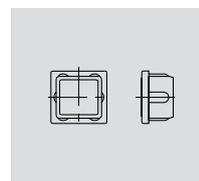


End Stop



Catalogue-No.: 023215
Material: galvanized steel

End Cap

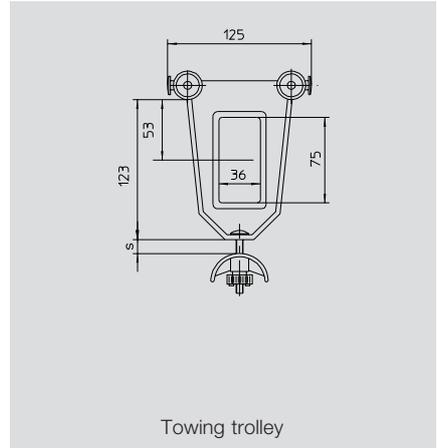
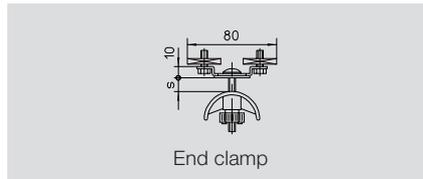
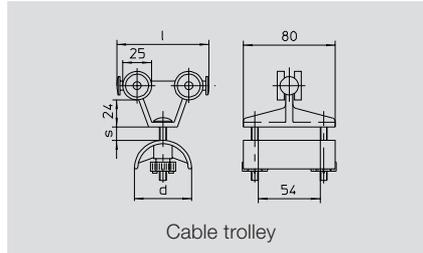


Material: plastic

Catalogue-No.: 020662-30 for C-rails 023200
Catalogue-No.: 020662-31 for C-rails 023201

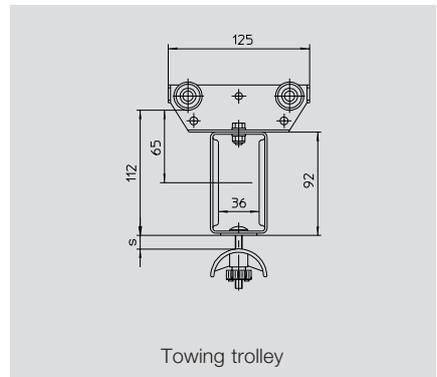
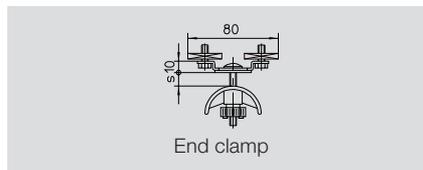
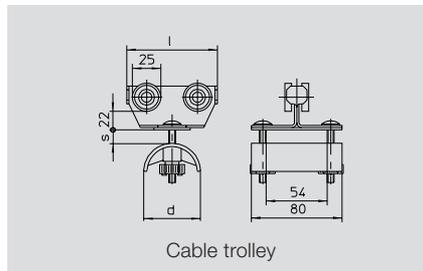
Flat Cable Trolleys

Plastic Cable Trolley and Cable Support



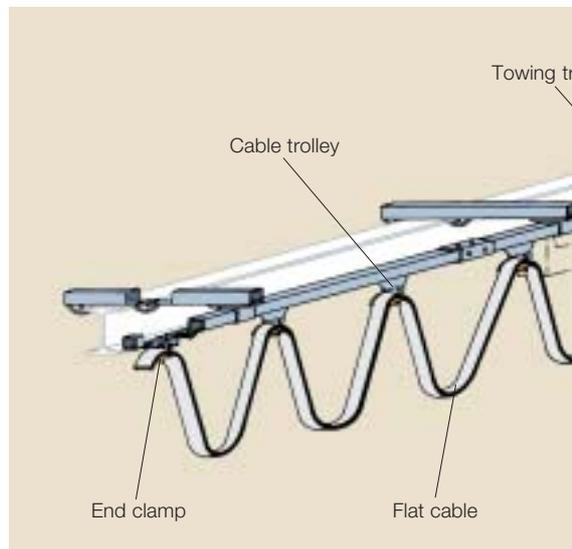
Cable Trolley Catalogue-No.	Towing trolley Catalogue-No.	End clamp Catalogue-No.	d [mm]	l [mm]	s [mm]	Type of roller	Load capacity P [kg]
023941	023956	023269	50	80	15	Steel ball bearing galvanized	20
023971	023976	023279	80	125	22	Steel ball bearing with plastic outer roller	10
023940	023956	023269	50	80	15		
023970	023976	023279	80	125	22	Plastic roller; friction bearing with bronze sleeve	10
023943	023958	023269	50	80	15		
023953	023958	023269	50	125	36		
023973	023978	023279	80	125	22	Plastic roller; friction bearing in the cable trolley upper part	6.3
023910	023915	023919	50	80	15		

Steel Cable Trolley - Plastic or Steel Cable Support



Cable Trolley Catalogue-No.	Towing trolley Catalogue-No.	End clamp Catalogue-No.	Material Support	d [mm]	l [mm]	s [mm]
023261	023267	023269	Plastic	50	80	15
023271	023277	023279		80	125	22
023561	023567	023569	Steel	50	80	15
023571	023577	023579		80	125	22

Type of roller: ball bearing, galvanized steel
Load capacity: 20 kg



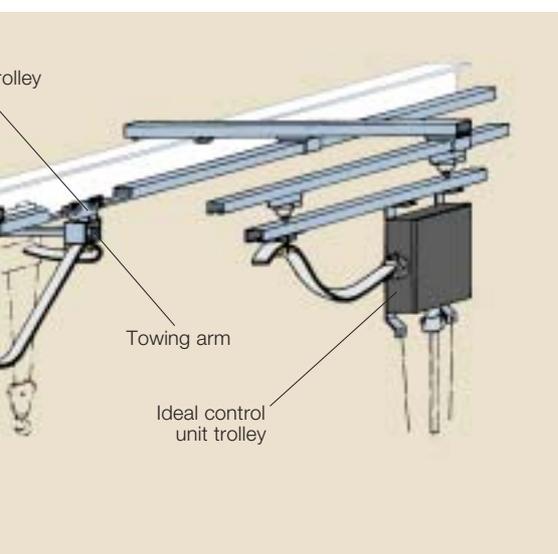
Flat Cable Trolleys

Rubber Flat Cables

Type	Number of cores and cross section [mm ²]	Catalogue-No.	Max. dimension s x b [mm]	Approx. weight [kg / 100 m]
NGFLGÖU-J	4x1.5	0401- 4X1.5	6.4 x 18.5	20
NGFLGÖU-J	5x1.5	0401- 5X1.5	6.4 x 21.5	24
NGFLGÖU-J	8x1.5	0401- 8X1.5	6.4 x 32.0	35
NGFLGÖU-J	10x1.5	0401-10X1.5	7.0 x 41.5	50
NGFLGÖU-J	12x1.5	0401-12X1.5	7.0 x 48.5	59
NGFLGÖU-J	4x2.5	0401- 4X2.5	8.2 x 23.0	29
NGFLGÖU-J	5x2.5	0401- 5X2.5	8.2 x 28.5	42
NGFLGÖU-J	8x2.5	0401- 8X2.5	8.2 x 42.0	55
NGFLGÖU-J	4x4	0401- 4X4	9.6 x 28.0	41
NGFLGÖU-J	7x4	0401- 7X4	9.6 x 44.0	71
NGFLGÖU-J	4x6	0401- 4X6	10.4 x 30.0	52
Rubber flat cables with screened individual cores				
GCFLGÖU-O	4x1.5	0404- 4X1.5	7.4 x 19.5	25
GCFLGÖU-O	8x1.5	0404- 8X1.5	7.4 x 37.3	51

PVC Flat Cables

Type	Number of cores and cross section [mm ²]	Catalogue-No.	Max. dimension s x b [mm]	Approx. weight [kg / 100 m]
H07VVH6-F	4G1.5	0325- 4G1.5	5.2 x 15.5	15.3
H07VVH6-F	5G1.5	0325- 5G1.5	5.2 x 18.5	18.5
H07VVH6-F	8G1.5	0325- 8G1.5	5.2 x 31.0	29.7
H07VVH6-F	10G1.5	0325-10G1.5	5.2 x 37.0	36.2
H07VVH6-F	12G1.5	0325-12G1.5	5.2 x 41.5	42.8
H07VVH6-F	4G2.5	0325- 4G2.5	5.9 x 19.0	22.4
H07VVH6-F	5G2.5	0325- 5G2.5	5.9 x 22.5	26.9
H07VVH6-F	8G2.5	0325- 8G2.5	5.9 x 38.0	43.7
H07VVH6-F	10G2.5	0325-10G2.5	5.9 x 45.0	53.4
H07VVH6-F	12G2.5	0325-12G2.5	5.9 x 52.0	62.8
H07VVH6-F	4G4	0325- 4G4	7.1 x 22.0	31.0
H07VVH6-F	7G4	0325- 7G4	7.1 x 38.0	53.7
H07VVH6-F	4G6	0325- 4G6	7.8 x 25.0	41.5
PVC flat cables with screened individual cores				
YCFLY-O	4x1	0320- 4X1	5.0 x 13.9	13.1
YCFLY-O	8x1.5	0320- 8X1.5	6.0 x 32.4	37.5
YCFLY-O	12x1.5	0320-12X1.5	5.9 x 52.0	61.0



Cable Glands and Lock Nuts

Size	Flat cable gland Catalogue-No.	for cable dimension s x b [mm]				Lock nut Catalogue-No.
		min.	max.	min.	max.	
Pg 16	020626-16	4.0	5.5	13	15	020657-16
Pg 21	020626-21	4.5	7.5	14	20.5	020657-21
Pg 29	020626-29	4.5	9.5	19	27.5	020657-29
Pg 29	020626-29S	4.5	9.5	19	29	020657-29
Pg 36	020626-36	4.5	13.5	29	34.5	020657-36
Pg 36	020626-36S	4.5	13.5	29	39	020657-36
Pg 42	020626-42	4.5	14.5	38	40.5	020657-42
Pg 42	020626-42S	4.5	14.5	38	45	020657-42
Pg 48	020626-48S	5.5	19.5	44	52	020657-48

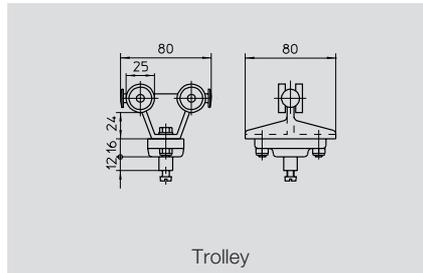
Material:

case: impact resistant plastic; seal: oil resistant rubber; thrust washer: galvanized steel.

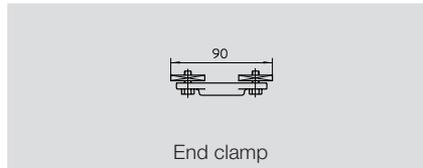
For metal types see main catalogue programme 230 or cables and accessories programme 130.

Round Cable Trolleys

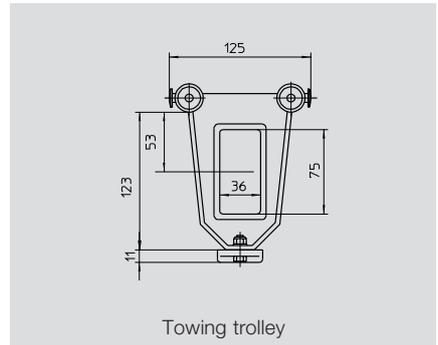
Steel or Plastic Trolley with Ball Joint



Trolley



End clamp



Towing trolley

Plastic trolley upper part. Dimensions for steel trolley upper parts see cable trolleys with U bolt.

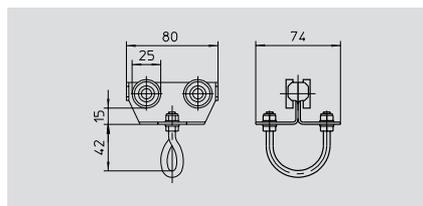


Cable clip Catalogue-No.	Cable diameter [mm]
020131-16	10 - 16
020131-25	17 - 25
020131-36	26 - 36

Alternatively it is possible to fit two or more similar or different cable clips to the trolleys. When fitting different cable clips, the largest cable clip has to be fitted on top.

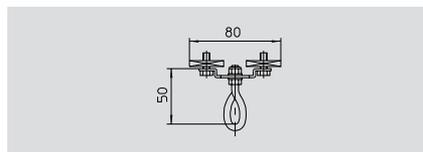
Trolley Catalogue-No.	Type	Towing trolley Catalogue-No.	End clamp Catalogue-No.	Type of roller	Load capacity P [kg]
023291	Steel	023297	023299	Ball bearing, galvanized	20
023991	Plastic	023996		Ball bearing with plastic outer ring	10
023990		023996		plastic roller; friction bearing with bronze sleeve	
023993		023998		plastic roller; friction bearing in the cable trolley upper part	6,3
023930		023935			

Steel Cable Trolley with U Bolt

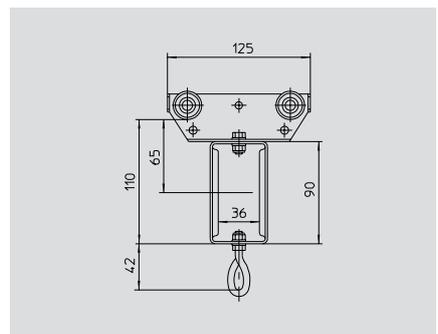


Cable trolley Catalogue-No.: 023293

Rollers: ball bearing, galvanized steel
Load capacity: 20 kg



End clamp Catalogue-No.: 023298

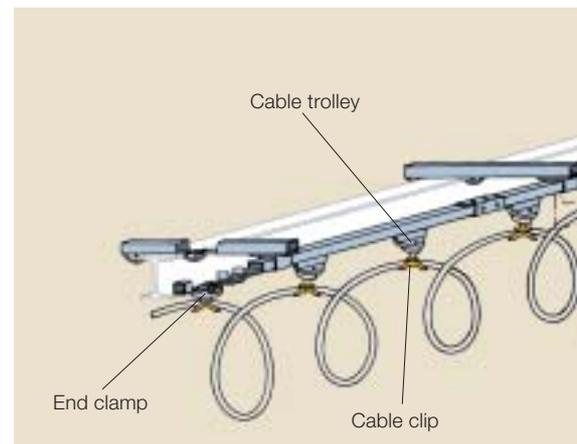


Towing trolley Catalogue-No.: 023295



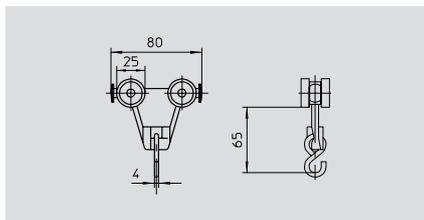
Cable clip Catalogue-No.	Cable diameter [mm]
20133-16	10 - 16
20133-25	17 - 25
20133-36	26 - 36

The cable clips 020131 fit below the cable clips with bracket 020133.

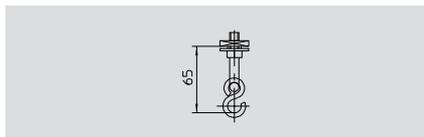


Round Cable Trolleys

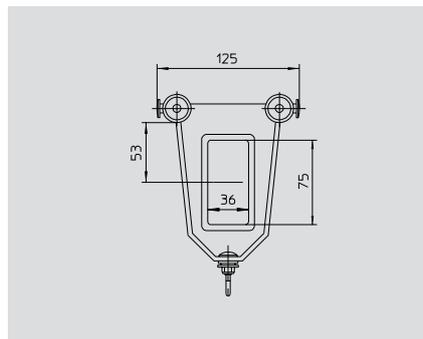
Plastic Trolley with Hook



Trolley Catalogue-No.: 023900



End clamp Catalogue-No.: 020219



Towing trolley Catalogue-No.: 023905

Type of roller: plastic roller; friction bearing in the trolley upper part
Load capacity: 6,3 kg



Catalogue-No.: 020117-080

Thong max. diameter 80 mm preferably for hoses



Plastic cable collar

Cable collar Catalogue-No.	Cable diameter [mm]
020111-10	10
020111-11	11
020111-12.5	12.5
020111-14	14
020111-16	16
020111-18	18
020111-20	20
020111-22	22
020111-25	25
020111-28	28
020111-32	32
020111-36	36

Compressed-air Hoses

Cat.-No.	Hose ø		pressure at 20°C [bar]
	interior [mm]	exterior [mm]	
040421-1	6	12	23
040421-2	9	15	19
040421-3	12	21	16

Material: clear PVC with textile braid oil and gasoline resistant

Rubber Round Cables

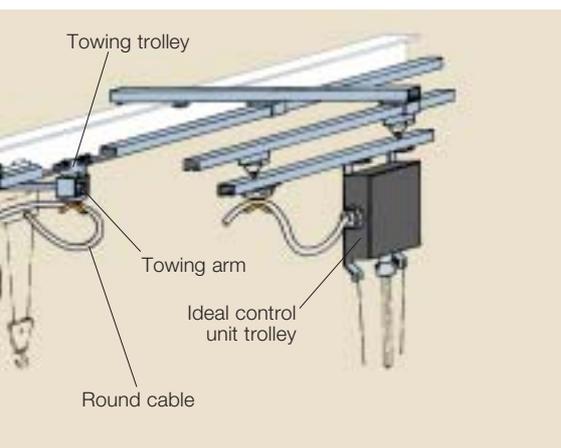
Type	No. of cores and nom. cross section [mm ²]	Catalogue-No.	Outer diameter min. - max. [mm]	Approx weight [kg / 100 m]
H07RN-F	4G1.5	0601- 4G1.5	10.5 - 13.5	21
H07RN-F	4G2.5	0601- 4G2.5	12.5 - 15.5	30
H07RN-F	4G4	0601- 4G4	14.5 - 18.0	40
H07RN-F	4G6	0601- 4G6	16.5 - 22.0	54
H07RN-F	5G1.5	0601- 5G1.5	11.5 - 15.0	23
H07RN-F	5G2.5	0601- 5G2.5	13.5 - 17.0	36
A07RN-F	7G1.5	0602- 7G1.5	14.0 - 17.5	37
A07RN-F	7G2.5	0602- 7G2.5	16.5 - 20.0	52
A07RN-F	12G1.5	0602-12G1.5	18.0 - 23.0	57
A07RN-F	12G2.5	0602-12G2.5	18.5 - 26.5	80

Cable Glands and Accessories

Size	Round cable gland Catalogue-No.	Cable ø range [mm]	Lock nut Catalogue-No.
Pg 13.5	020646-13.5	6 - 13.5	020657-13.5
Pg 16	020646-16	6 - 15	020657-16
Pg 21	020646-21	9 - 20	020657-21
Pg 29	020646-29	17 - 27	020657-29

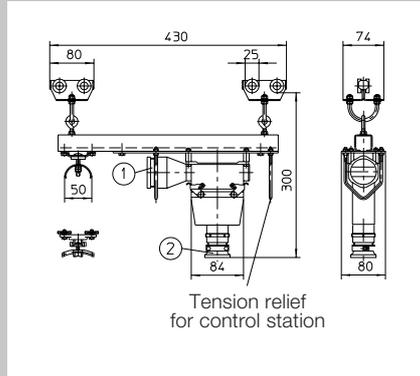
Material: case: impact resistant plastic; seal: oil resistant rubber; thrust washer: galvanized steel.

For metal types see main catalogue programme 230 or catalogue cables and accessories programme 130.



Ideal Control Unit Trolley

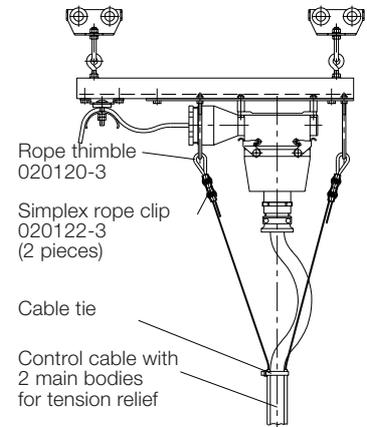
Ideal Control Unit Trolleys with Plug and Socket Connections



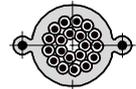
Nominal voltage 400 V; Nominal current 16 A; protection type IP55;
screw connection 2,5 mm²

Catalogue-No.	Type for	Number of poles	Glands		Perm. load [kg]
			①	②	
023178-16	Flat cable	16 + E	Pg 42	Pg 21	32
023178-24		24 + E		Pg 29	
023179-16	Round cable	16 + E	Pg 29	Pg 21	
023179-24		24 + E		Pg 29	

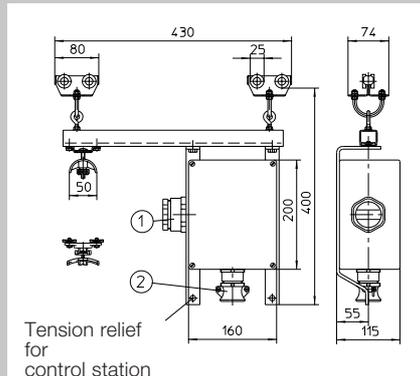
Accessories



PVC control cable with two strainer wires;
type: MTTY-O



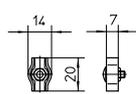
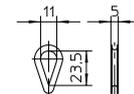
Ideal Control Unit Trolley with Terminal Box



Nominal voltage 400 V; Nominal current 16 A; protection type IP54;
screw connection 4 mm²

Catalogue-No.	Type for	Clamps quantity	Glands		Perm. load [kg]
			①	②	
023174-16	Flat cable	16 + E	Pg 42	Pg 21	32
023174-24		24 + E		Pg 29	
023175-16	Round cable	16 + E	Pg 29	Pg 21	
023175-24		24 + E		Pg 29	

Catalogue-No.	Number and nom. cross section [mm ²]	Size
0609-12X1.5	12 x 1.5	Pg 21
0609-16X1.5	16 x 1.5	
0609-20X1.5	20 x 1.5	Pg 29
0609-24X1.5	24 x 1.5	



Rope thimble
Catalogue-No.: 020120-3
galvanized steel

Simplex rope clip
Catalogue-No.: 020122-3
galvanized steel

We also offer an extensive standard programme in our main catalogue, programme 230.

