

The power conductor



Trailing cable systems are simple and cheap solutions if only one movable consumer must be supplied with power. All system parts are made of galvanised steel or plastic. Since they are corrosion-proof they may also be used outdoor or in damp rooms. A great variety of trailing cable systems can be delivered:

Cable trailer in connection with a runner

Cable trailer in connection with a wire rope

Cable trailer in connection with a T-carrier

which is the travelling path for the consumer to be supplied with energy.

Trailing cable systems

However, the usage of the trailing cable systems is not restricted to power supply via round and flat cables. They can also transport pressure air and liquids.

made by Gluma



Trailing cable systems are mainly used for:

Electrical lifts
Cranes
Machine tools
Pneumatic tools
Pneumatic hoisting gears
Cutting-off machines and cutters
Wash-mobiles

To use trailing cable systems means to use the most cost-effective solution for power supply of movable consumers.

The choice of the type of power supply is made depending on the path length, the mechanical load of the cable trailer and the possibilities provided by customer.

We have summarised the standard values required for correct determination of the system parts.

Please note that, on principle, trailing cable units are only suitable for one consumer. Trailing cable systems are not influenced by atmospheric conditions.

They may also be used in damp rooms and very dirty environment.

Thus they are the power transporters for the most extreme environmental conditions.

If several consumers shall be fed by one line metal or plastic collector wires or plug-in rails are to be used.

We are manufacturer of these power transporters, too.

For detailed information please let us have your request for the catalogues of the respective product groups.

We would be pleased to provide the service of specifying the system fitting best in case of your requirements and defining the necessary system parts.

Of course you can also work out your system using the following formulae:

Trailing cable systems with runners

Maximum path length: approx. 100 m

Cable trailer load capacity: 20 kg per trailer

Cable dimensions:

Flat cable: up to a width of 134 mm and a thickness of 35 mm max.

Round cable: up to a diameter of 36 mm max. and 3 round cables one under another maximum

Radius of curves: minimum radius 800 mm.

For radii of curves between 800 and 1600 mm metal cable trailers are to be used.

$$\text{Number of cable trailers} = \frac{\text{path length} \times 1.1}{2 \times \text{cable slack}} - 1$$

$$\text{Trailer station} = \text{number of trailers} \times \text{trailer length} + 200 \text{ mm}$$

$$\text{Length of runner} = \text{path} + \text{trailer station} [\text{m}]$$

$$\text{Cable length} = \text{length of runner} [\text{m}] \times 1.1 + 2 \text{ m}$$

$$\text{Suspension distance} = 1.5 \text{ m at a field load of 60 kg.}$$

Trailing cable systems with wire rope

Maximum path length: approx. 30 m

Cable trolley load capacity: 3 kg per cable trolley roll

Cable dimensions:

Flat cable: up to a width of 44 mm and a thickness of 20 mm max.

Round cable: up to a diameter of 36 mm max. and 3 round cables one under another maximum

$$\text{Number of cable trolleys} = \frac{\text{span} \times 1.1}{2 \times \text{cable slack}} - 1$$

$$\text{Trolley station} = \text{number of trolleys} \times \text{trolley length} + 200 \text{ mm}$$

$$\text{Rope length} = \text{span} [\text{m}] + 0.5 \text{ m}$$

$$\text{Cable length} = \text{span} [\text{m}] \times 1.1 + 2 \text{ m}$$

Trailing cable systems on I carrier

Maximum path length: approx. 100 m

Cable trailer load capacity:

with 2 and 3 rolls up to 10 kg

with 4 rolls up to 20 kg

Cable dimensions:

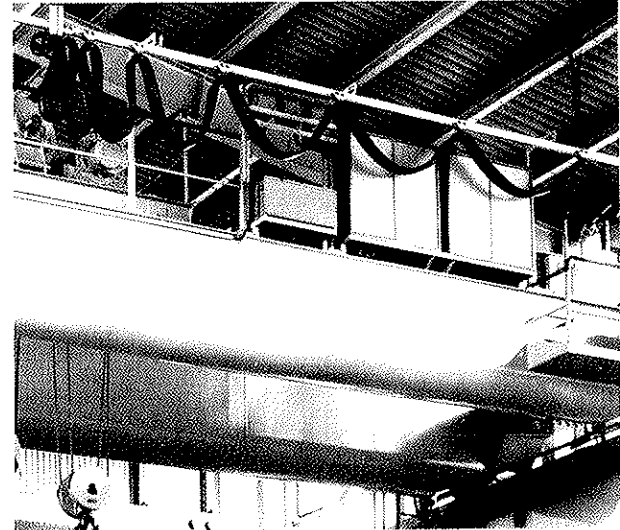
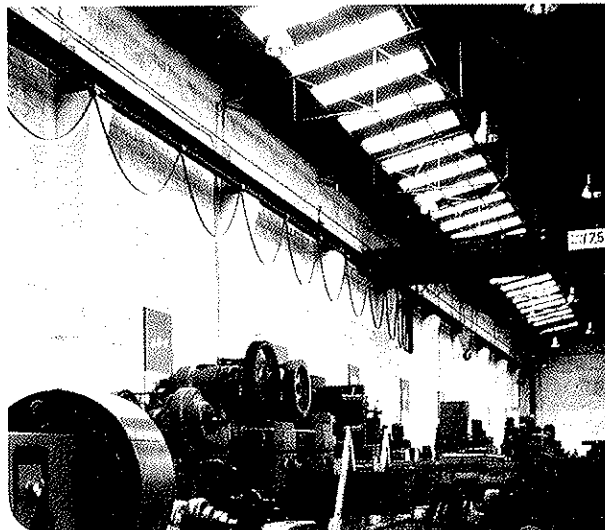
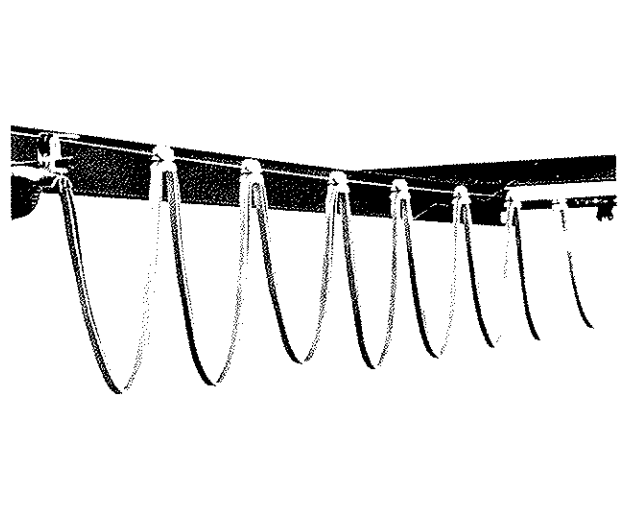
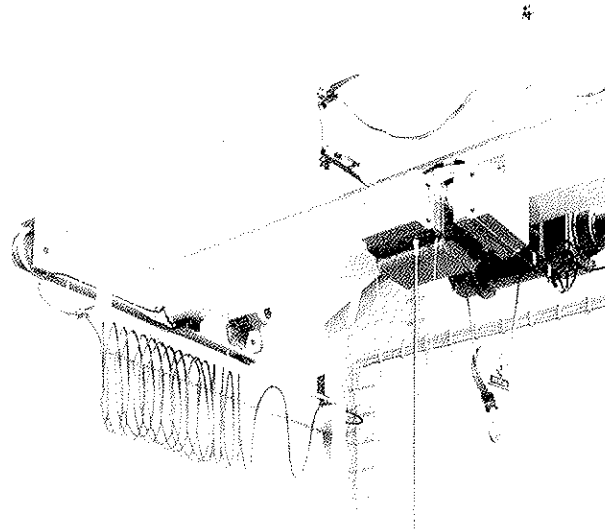
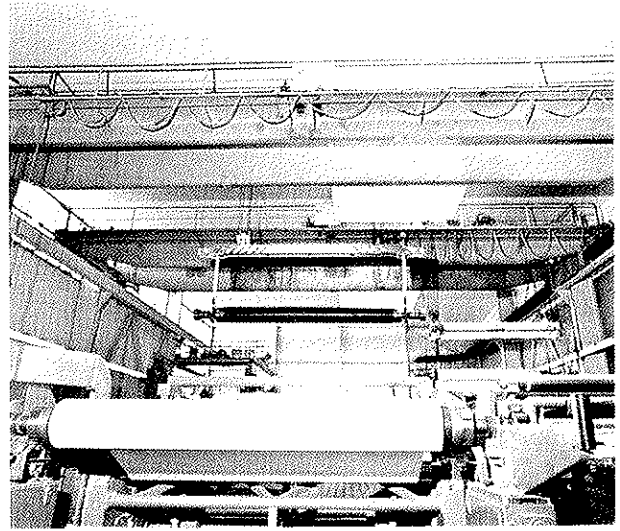
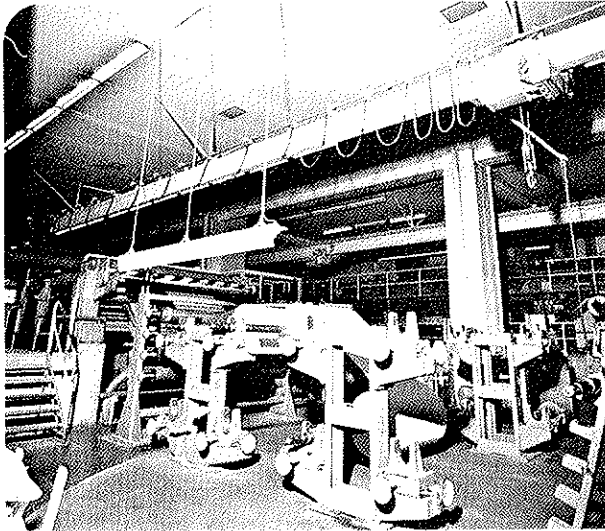
Flat cable: up to a width of 134 mm and a thickness of 25 mm max.

$$\text{Number of trailers} = \frac{\text{I-carrier length} \times 1.1}{2 \times \text{cable slack}} - 1$$

$$\text{Trailer station} = \text{number of trailers} \times \text{trailer length} + 200 \text{ mm}$$

$$\text{Cable length} = \text{I-carrier length} [\text{m}] \times 1.1 + 2 \text{ m}$$

Examples for Application



Trailing cable systems with runners

Suspension piece

P. O. No. 16 116, galvanised steel for lateral attachment, admissible load approx. 60 kg, fixing screws M 8 x 30, suspension distance approx. 1.5 m

Cable trailer

Trailer body made of plastic, glass fibre reinforced, rollers with ball bearings, splash- and dust-proof, carrying force approx. 20 kg

P. O. No. 16 134 for one or more flat cables up to a maximum cable width of 44 mm and a maximum cable thickness of 25 mm, plastic cable console, glass fibre reinforced.

P. O. No. GBF 11-14 for one or more flat cables up to a maximum cable width of 134 mm and a maximum cable thickness of 35 mm with steel buffers, intermediate rail and cable console made of aluminium. (Indicate the cable width when placing a purchase order.)

Tail piece

P. O. No. 16 113, galvanised steel, limit stop as end of path

Runner

P. O. No. 16 011, sendzimir galvanised, 30 x 30 x 2 mm, standard length 5 m, short lengths are possible, can also be curved, smallest radius 800 mm, maximum arc length per curve 2 m. The number of degrees is dependent on your working requirements.

Static values:
 $I_x = 2.40 \text{ cm}^4$
 $W_x = 1.40 \text{ cm}^3$
 Load capacity at a suspension distance of 1.5 m approx. 60 kg / field

Flat cable end holder

galvanised steel parts, with intermediate aluminium rail.

P. O. No. 80/16 221 for one or more flat cables up to a maximum cable width of 44 mm and a maximum cable thickness of 25 mm, plastic cable console, glass fibre reinforced.

P. O. No. GEB 11-14 for one or more flat cables up to a maximum cable width of 134 mm and a maximum cable thickness of 35 mm, intermediate rail and cable console made of aluminium. (Indicate the cable width when placing a purchase order.)

Suspension piece

P. O. No. 16 111, galvanised steel, suitable for attachment at the ceiling or with extension arms, admissible load capacity approx. 60 kg, fixing screws = M 8 x 30, suspension distance approx. 1.5 m

Coupling sleeve

P. O. No. 16 112, galvanised steel, for mechanical coupling of two runner pieces

Flat cable driver

P. O. No. 80/20 221, for one or more flat cables up to a maximum width of 44 mm and a maximum thickness of 25 mm, aluminium intermediate rail, plastic cable console, glass fibre reinforced

P. O. No. GMB 11-14 for one or more flat cables up to a maximum width of 134 mm and a maximum thickness of 35 mm, intermediate rail and cable console made of aluminium. (Indicate the cable width when placing a purchase order.)

Cable trailer for round cables

P. O. No. 16 114, plastic trailer body, glass fibre reinforced, rollers with ball bearings, splash- and dust-proof, carrying force approx. 20 kg, for one or more round cables arranged one under another up to a maximum cable diameter of 36 mm. (Indicate the cable width when placing a purchase order.)

Cable clips

P. O. No. GKS, for round cables with a cable diameter from 10 to 36 mm. Up to 3 cable clips can be mounted one under another. (Indicate the cable width when placing a purchase order.)

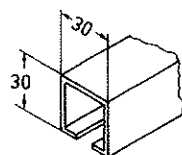
Round cable end holder

P. O. No. GEV 1-3, galvanised metal parts, plastic cable holder, for one or more round cables arranged one under another up to a maximum cable diameter of 36 mm. (Please indicate the cable diameter when placing a purchase order.)

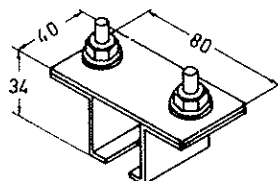
Round cable driver

P. O. No. GMV 1-3, all parts made of plastic, for one or more round cables arranged one under another up to a maximum cable diameter of 36 mm. (Please indicate the cable diameter when placing a purchase order.)

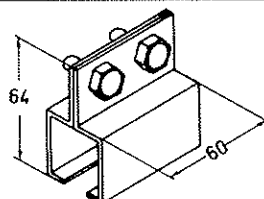
Runner
P. O. No. 16 011,
 sendzimir galvanised,
 standard length 5 m



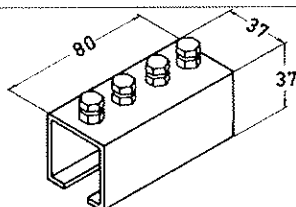
Suspension piece
P. O. No. 16 111,
 galvanised steel,
 distance between bore holes
 for fixing screws M 8 x 30 = 54 mm



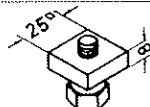
Suspension piece
P. O. No. 16 116,
 galvanised steel,
 distance between bore holes
 for fixing screws M 8 x 30 = 30 mm



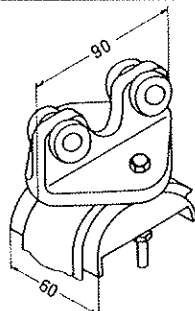
Coupling sleeve
P. O. No. 16 112,
 galvanised steel



Tail piece
P. O. No. 16 113,
 galvanised steel

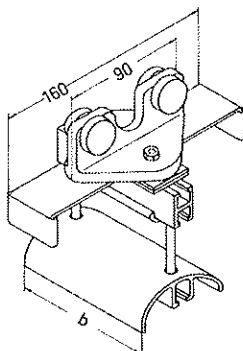


Flat cable trailer
P. O. No. 16 134,
 for one or more flat cables,
 up to a max. cable width of 44 mm and
 a max. cable thickness of 25 mm
P. O. No. 16 134 MSR,
 metal trailer body,
 for one or more flat cables,
 up to a max. cable width of 44 mm and
 a max. cable thickness of 25 mm



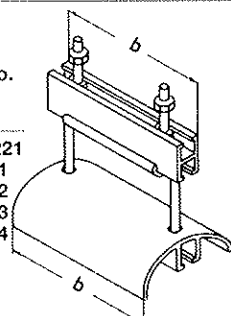
Cable trailers
for one or more flat cables,
 up to a max. cable width of 134 mm and
 a max. cable thickness of 35 mm

Cable width mm	Width of flat cable console b mm	P. O. No.
54	80	GBF 11
74	100	GBF 12
99	125	GBF 13
134	160	GBF 14



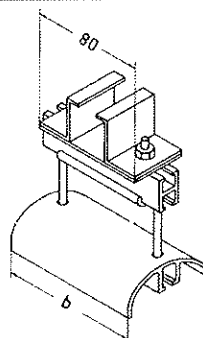
Drivers for one or more flat cables

Cable width mm	Cable thickness mm	Width of flat cable console b mm	P. O. No.
44	25	60	80/20 221
54	35	80	GMB 11
74	35	100	GMB 12
99	35	125	GMB 13
134	35	160	GMB 14



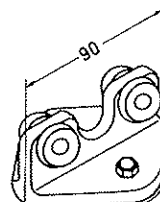
End holder for one or more flat cables

Cable width mm	Cable thickness mm	Width of flat cable console b mm	P. O. No.
44	25	60	80/16 221
54	35	80	GEB 11
74	35	100	GEB 12
99	35	125	GEB 13
134	35	160	GEB 14



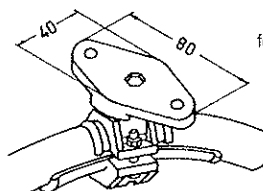
Round cable trailers
P. O. No. 16 114,

for one or more round cables arranged
 one under another,
 up to a maximum diameter of 36 mm.
 (Cable clips GKS must be ordered additionally.)



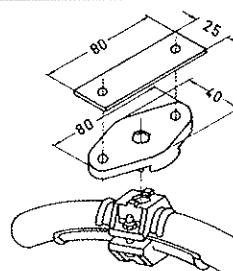
Round cable drivers
 for one or more round cables arranged one under
 another, up to a maximum diameter of 36 mm

Cable-Ø mm	P. O. No.
10-16	GMV 1
17-25	GMV 2
26-36	GMV 3

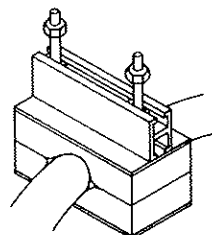


Round cable end holders
 for one or more round cables
 arranged one under another, up to a
 maximum diameter of 36 mm

Cable-Ø mm	P. O. No.
10-16	GEV 1
17-25	GEV 2
26-36	GEV 3

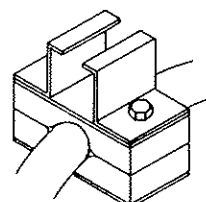


Flat or round cable driver:
P. O. No. 16 212;
 aluminium intermediate rail,
 galvanised steel parts with sponge insert
 for flat cables: max. cable width 44 mm
 max. cable thickness 25 mm
 for round cables:
 applicable for a round cable with
 a maximum cable diameter of 36 mm



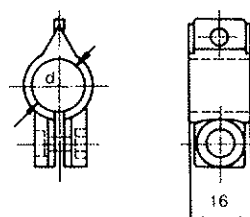
Flat or round cable end holder:
P. O. No. 16 211,

galvanised steel parts with sponge insert
 for flat cables: max. cable width 44 mm
 max. cable thickness 25 mm
 for round cables: applicable for a round cable with
 a maximum cable diameter of 36 mm



Cable clips for round cable
 plastic cable clip.

P. O. No. GKS 10.0 for cable diameter 10.0 mm
GKS 11.0 for cable diameter 11.0 mm
GKS 12.5 for cable diameter 12.5 mm
GKS 14.0 for cable diameter 14.0 mm
GKS 16.0 for cable diameter 16.0 mm
GKS 18.0 for cable diameter 18.0 mm
GKS 20.0 for cable diameter 20.0 mm
GKS 22.0 for cable diameter 22.0 mm
GKS 25.0 for cable diameter 25.0 mm
GKS 28.0 for cable diameter 28.0 mm
GKS 32.0 for cable diameter 32.0 mm
GKS 36.0 for cable diameter 36.0 mm



Trailing cable systems with wire rope

Cable trolleys

plastic casing and rolls.

P. O. No. GFKK, with two rolls, admissible weight approx. 6 kg max., for flat cables up to a maximum width of 44 mm and a maximum thickness of 20 mm.

Plastic flat cable console.

Rope

galvanised steel rope, with plastic coating, diameter 6 mm, good running quality, admissible tensile force 3.6 kN, load at rupture 14.5 kN
required rope length = span + 0.5 m

Extension arm

P. O. No. GA 400 for a length of 400 mm

P. O. No. GA 630 for a length of 630 mm

primed steel

It is used for fixing the drivers GMKF or GMKV.

Cable end holder

It is fixed at the tension arms GS 400 or GS 630 by means of the straining screw GSM. The holder is made of galvanised steel.

For flat cables:

P. O. No. GKF 1 for flat cables up to a maximum width of 44 mm and a maximum thickness of 20 mm. Flat cable console is made of plastic.

For round cables:

P. O. No. GKVP 1 for cable holder fixing of round cables up to Ø 36 mm.

When placing a purchase order please indicate cable holder type (KH 16 -KH 36). Up to three cable holders can be mounted one under another.

Driver

The driver guarantees perfect guiding of the rope and the cable trolleys. The casing is made of plastic.

For flat cables:

P. O. No. GMKF for flat cables up to a maximum width of 44 mm and a maximum thickness of 20 mm. Flat cable console is made of plastic.

For round cables:

P. O. No. GMKV for cable holder fixing of round cables up to Ø 36 mm.

When placing a purchase order please indicate cable holder type (KH 16 -KH 36). Up to three cable holders can be mounted one under another.

Cable trolleys

P. O. No. GKK 62, with two rolls, admissible weight approx. 6 kg max. for reception of cable clips GKS 10-36 mm.

When placing a purchase order please indicate the GKS type.

Up to 3 cable holders can be mounted one under another.

Straining screws

P. O. No. GSM 12 x 200 galvanised steel with a cable eye stiffener and a rope clamp for rope stretching between the tension arms. One pair is required for each unit.

Tension arm

P. O. No. GS 400, for a length of 400 mm

P. O. No. GS 630 for a length of 630 mm primed steel.

The rope is stretched between two tension arms by means of the straining screws GSM 12 x 200.

Cable holders for round cables

Plastic cable holders.

Used for end holder GKVP 1 and driver GMKV. For round cables up to Ø 36 mm.

P. O. No. KH 16 for cable diameter 10-16 mm

P. O. No. KH 25 for cable diameter 17-25 mm

P. O. No. KH 36 for cable diameter 26-36 mm

Up to three cable holders can be mounted one under another.

Cable clips for round cables

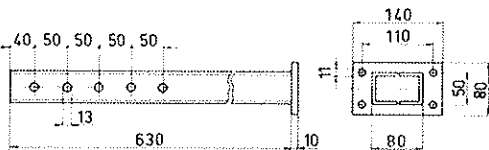
P. O. No. GKS

plastic cable clip,

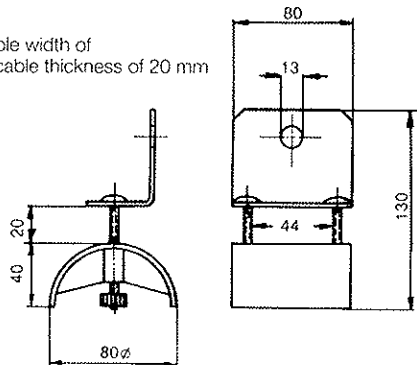
used for cable trolleys GKK 61 and GKK 2.

For round cables up to Ø 36 mm.

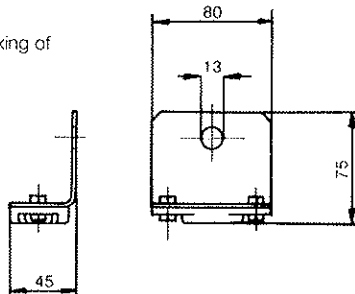
Tension arm
P. O. No. GS 400
 for a length of
 400 mm
P. O. No. GS 630
 for a length of
 630 mm



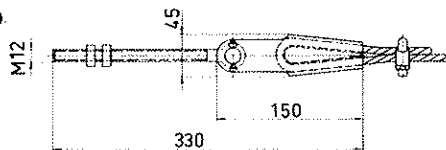
Cable end holder
P. O. No. GKF 1 for a flat cable width of
 up to 44 mm and maximum cable thickness of 20 mm



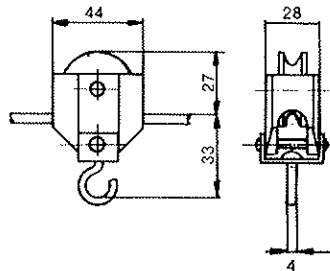
Cable end holder
P. O. No. GKVP 1 for cable holder fixing of
 round cables up to $\varnothing 36$ mm



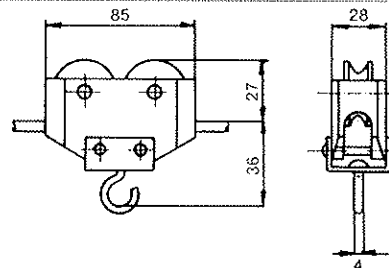
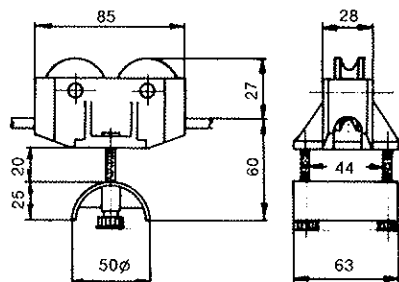
Straining screws
P. O. No. GSM 12 x 200



Cable trolleys with one roll
 plastic casing and rolls
 for round cables
P. O. No. GKK 61
 maximum admissible weight
 approx. 3 kg



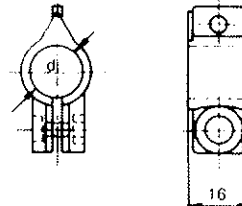
Cable trolleys with two rolls
 plastic casing and rolls
 for flat cables
 up to a width of 44 mm
 and a maximum thickness of
 20 mm
P. O. No. GFKK
 maximum admissible weight
 approx. 6 kg



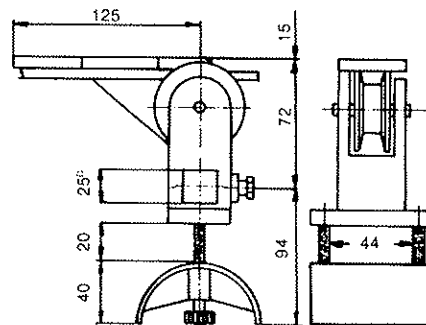
Cable trolleys with two rolls
 plastic casing and rolls
 for round cables
P. O. No. GKK 62
 maximum admissible weight
 approx. 6 kg

Cable clips for round cables
 plastic cable clip.

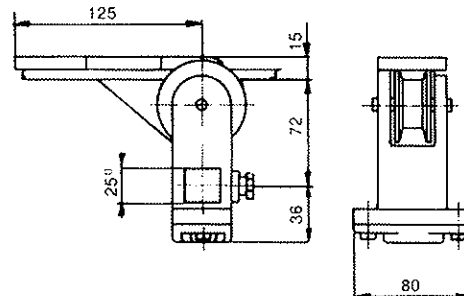
P. O. No. GKS 10.0 for cable diameter 10.0 mm
GKS 11.0 for cable diameter 11.0 mm
GKS 12.5 for cable diameter 12.5 mm
GKS 14.0 for cable diameter 14.0 mm
GKS 16.0 for cable diameter 16.0 mm
GKS 18.0 for cable diameter 18.0 mm
GKS 20.0 for cable diameter 20.0 mm
GKS 22.0 for cable diameter 22.0 mm
GKS 25.0 for cable diameter 25.0 mm
GKS 28.0 for cable diameter 28.0 mm
GKS 32.0 for cable diameter 32.0 mm
GKS 36.0 for cable diameter 36.0 mm



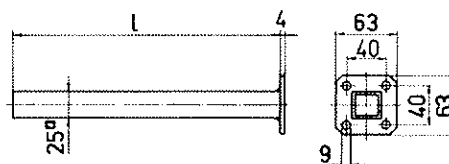
Driver
P. O. No. GMKF for
 flat cables up to
 a width of 44 mm
 and a maximum cable
 thickness
 of 20 mm



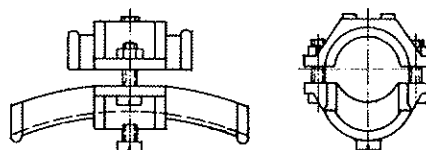
Driver
P. O. No. GMKV for
 cable holder fixing
 of round cables
 up to $\varnothing 36$ mm



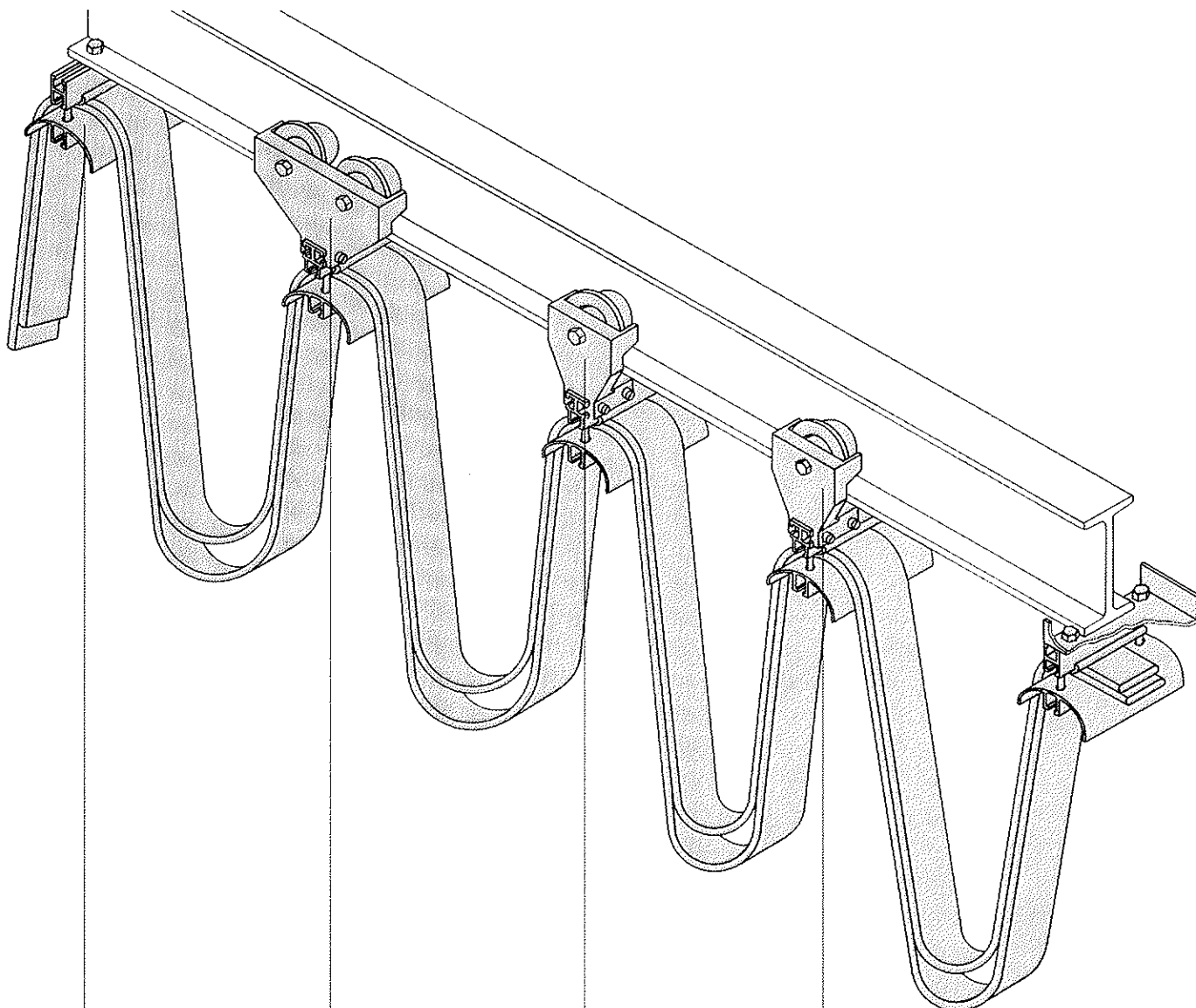
Extension arms
P. O. No. GA 400
 for a length of 400 mm
P. O. No. GA 630
 for a length of 630 mm



Cable holder for round cables
 plastic cable holder
P. O. No.
KH 16 for $\varnothing 10-16$ mm
KH 25 for $\varnothing 17-25$ mm
KH 36 for $\varnothing 26-36$ mm



Trailing cable systems on I-carrier



Terminal clamp

The terminal clamp is used for fixing flat cables up to a maximum width of 134 mm and a maximum thickness of 25 mm.

For fixing of the terminal clamp two bore holes \varnothing 6.2-7 mm are provided in the lower flange of the I-carrier with a distance of approx. 60 mm.

GEK 10:

Aluminium rail, plastic cable console

GEK 11-14:

Aluminium rail, aluminium cable console, rubber clamping piece

Cable trailer with 4 rolls

Plastic trailer body and rolls, aluminium rail, maximum load approx. 20 kg, plastic cable console for cables up to a width of 44 mm and a thickness of 20 mm, aluminium cable console for cables up to a width of 45-135 mm and a thickness of 25 mm.

Please indicate the cable width when placing a purchase order

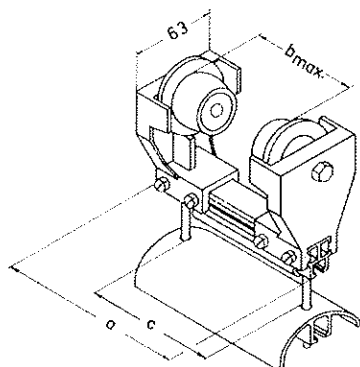
Cable trailer with 3 rolls

Plastic trailer body and rolls, aluminium rail, maximum load approx. 10 kg, plastic cable console for cables up to a width of 44 mm and a thickness of 20 mm, aluminium cable console for cables up to a width of 45-134 mm and a thickness of 25 mm.

Please indicate the cable width when placing a purchase order

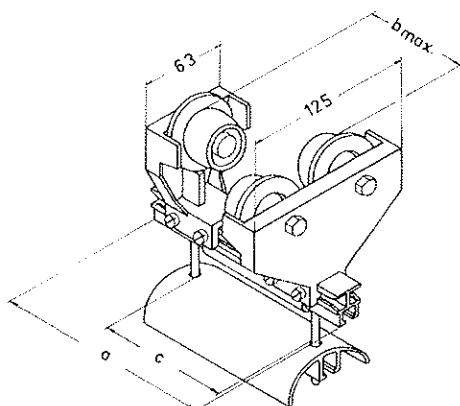
Cable trailer with 2 rolls

Plastic trailer body and rolls, aluminium rail, plastic cable console for flat cables up to a width of 44 mm and a thickness of 25 mm, maximum load approx. 10 kg



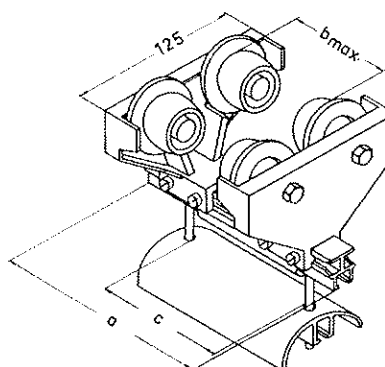
Cable trailer with 2 rolls for flat cable

a	Dimensions (mm)		Weight piece kg	P. O. No.
	b max.	c max. cable width		
125	81	44	0.32	GKIF 2/125
160	116	44	0.34	GKIF 2/160



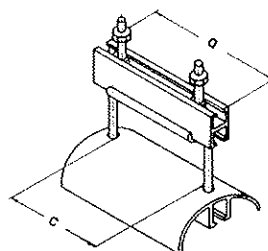
Cable trailer with 3 rolls for flat cable

a	Dimensions (mm)		Weight piece kg	P. O. No.
	b max.	c max. cable width		
125	81	44	0.38	GKIF 3/125
125	81	54	0.43	GKIB 301
125	81	74	0.45	GKIB 302
125	81	99	0.47	GKIB 303
160	116	44	0.44	GKIF 3/160
160	116	54	0.45	GKIB 304
160	116	74	0.47	GKIB 305
160	116	99	0.49	GKIB 306
160	116	134	0.52	GKIB 307
200	156	44	0.42	GKIF 3/200
200	156	54	0.47	GKIB 308
200	156	74	0.49	GKIB 309
200	156	99	0.51	GKIB 310
200	156	134	0.54	GKIB 311
250	206	44	0.44	GKIF 3/250
250	206	54	0.44	GKIB 312
250	206	74	0.44	GKIB 313
250	206	99	0.44	GKIB 314
250	206	134	0.44	GKIB 315



Cable trailer with 4 rolls for flat cable

a	Dimensions (mm)		Weight piece kg	P. O. No.
	b max.	c max. cable width		
125	81	44	0.44	GKIF 4/125
125	81	54	0.49	GKIB 401
125	81	74	0.51	GKIB 402
125	81	99	0.53	GKIB 403
160	116	44	0.46	GKIF 4/160
160	116	54	0.51	GKIB 404
160	116	74	0.53	GKIB 405
160	116	99	0.55	GKIB 406
160	116	134	0.58	GKIB 407
200	156	44	0.48	GKIF 4/200
200	156	54	0.53	GKIB 408
200	156	74	0.55	GKIB 409
200	156	99	0.57	GKIB 410
200	156	134	0.60	GKIB 411
250	206	44	0.50	GKIF 4/250
250	206	54	0.55	GKIB 412
250	206	74	0.57	GKIB 413
250	206	99	0.59	GKIB 414
250	206	134	0.62	GKIB 415



Terminal clamp, can also be used as driver

a	Dimensions (mm)		Weight piece kg	P. O. No.
	b max.	c max. cable width		
80	—	44	0.09	GEK 10
80	—	54	0.11	GEK 11
100	—	74	0.13	GEK 12
120	—	99	0.15	GEK 13
160	—	134	0.19	GEK 14

Technical explanation

For an electrical power installation with a nominal voltage up to 1000 V the VDE 0100 g instructions are obligatory.

For movable connecting cables the following is stated in § 28 f):

1. Movable connecting cables of hoisting gears must be arranged in such a way that damages due to overrun are excluded.

When determining the lead cross section pay attention to the following:

- a) admissible current loading
- b) admissible voltage drop

We have made a list of the respective charts and formulae:

For the admissible continuous load of insulated connections at an ambient temperature of 30 °C VDE0100 section 523/6.81, Chart 2 is applicable.

Excerpt from Chart 2 (Group 2-Cu)

Nominal cross section mm ²	Admissible continuous load at an ambient temp. of 30 °C A	Nominal cross section mm ²	Admissible continuous load at an ambient temp. of 30 °C A
0.75	12		
1	15	25	108
1.5	18	35	135
2.5	26	50	168
4	34	70	207
6	44	95	250
10	61	120	292
16	82	150	335

The voltage drop from the distribution to the consumer must not exceed 5 % because of the sliding rotor motors which are very often used for hoisting gear manufacturing.

D. c. $\Delta U = \frac{2 \cdot l \cdot J}{\chi \cdot A} \text{ [V]}$

Single phase a. c.: $\Delta U = \frac{2 \cdot l \cdot J \cdot \cos \varphi}{\chi \cdot A} \text{ [V]}$

Three phase a. c.: $\Delta U = \frac{1.73 \cdot l \cdot J \cdot \cos \varphi}{\chi \cdot A} \text{ [V]}$

Mounting hints:

If several flat cables are used for one cable trailer the flat cable which is less thick shall be arranged first.

2. For rail trolleys the running gear of which is driven manually or via electric motor PVC-insulated connections according to VDE 0281 or rubber insulated connections according to VDE 0282 are to be used as movable connecting cables. It depends on the kind of operation and stressing which type of insulation is used.

For the admissible continuous load of insulated connections at an ambient temperature of 30 °C up to 55 °C VDE0100 section 523/6.81, Chart 3 is applicable.

Chart 3

Ambient temperature in °C	Admissible current loading J _c in % in respect to the values of Chart 2	
	Rubber insulation (admissible cable temperature 60 °C)	PVC insulation (admissible cable temperature 70 °C)
more than 30 up to 35	91	94
more than 35 up to 40	82	87
more than 40 up to 45	71	79
more than 45 up to 50	58	71
more than 50 up to 55	41	61

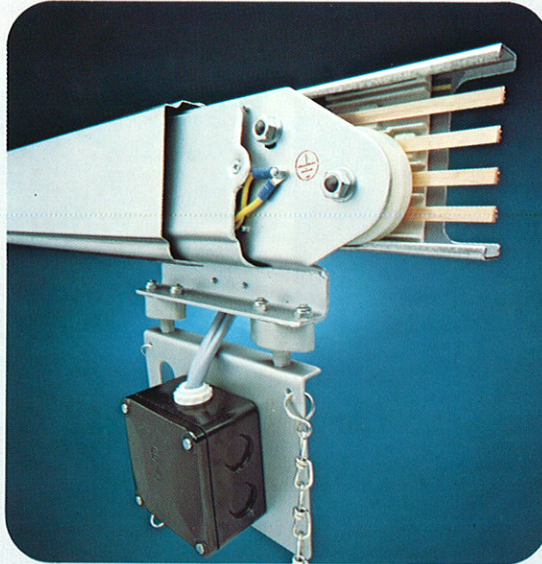
On the basis of the voltage applied it can be calculated using the following formulae:

J = Total current [A]
 ΔU = Voltage drop [V]
 l = Cable length [m]
 A = Cable cross section [mm²]
 χ = Conductivity; Cu = $56 \frac{\text{m}}{\Omega \text{ mm}^2}$

$\cos \varphi$ = Power factor

The other flat cables are to be arranged according to the thickness so that the thickest flat cable is on the top.

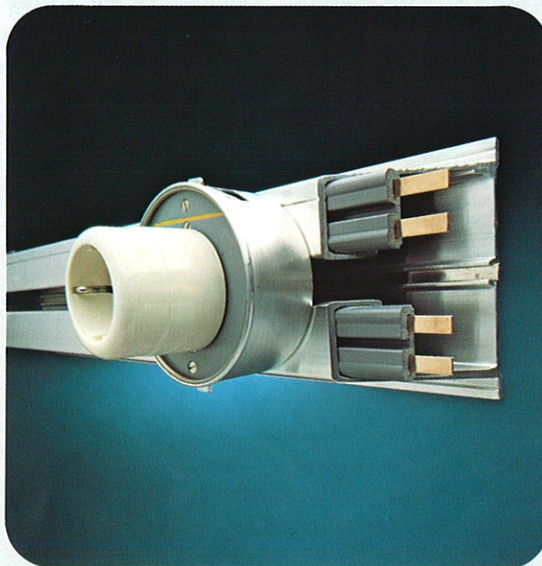
The same procedure applies for arrangement of several round cables which are mounted one under another.



Metal enclosed conductor system SG

(Protection IP 21 up to IP 34). Already for many years this system has proved most worthwhile for application as feed-in of cranes, testing stations and conveyors or as power supply of electric tools. Because of the clamshell type and sendzimir galvanised metal casing the flexible connector is easy to maintain and to install.

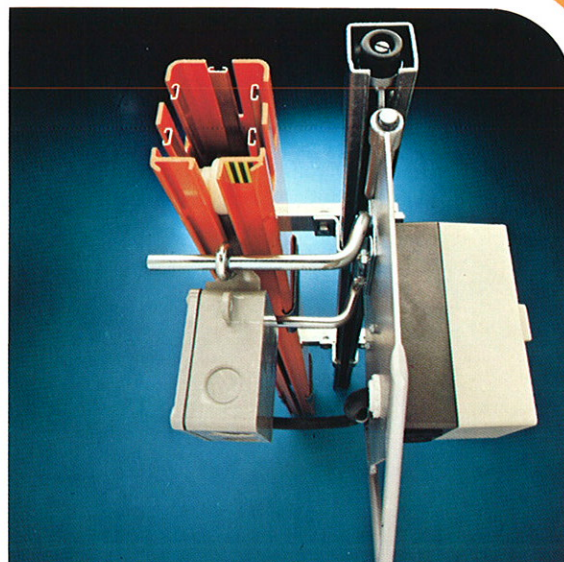
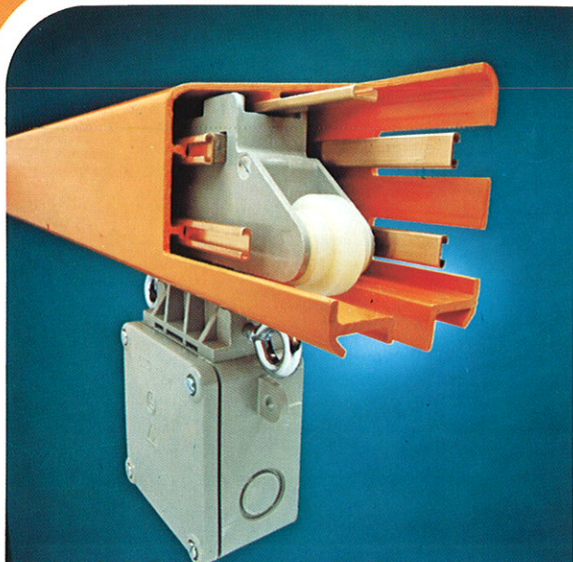
The load capacity amounts to 60, 100, 140 and 200 A at a standard length of 4.5 m. Up to 18 connectors can be arranged in the metal casing at one level. Our product is fit for any of your working requirements as funnel entries, crossings, horizontal and vertical curves are possible.



Plug-in rails

(Protection IP 20). With the Gluma plug-in rail we have created a solution to your problems regarding machine connection in dry rooms as each connection can be located at and removed from each position of the plug-in rail.

That means the machine installation can be quickly adapted to changing production processes without any problem. The plug-in rail is made of an aluminium casing with 5 poles. Standard length = 5 m. The electric load capacity amounts to 20, 50 and 100 A.



Plastic Bus-Way, Model SGK Plastic Bus-Way, Model SGK-L

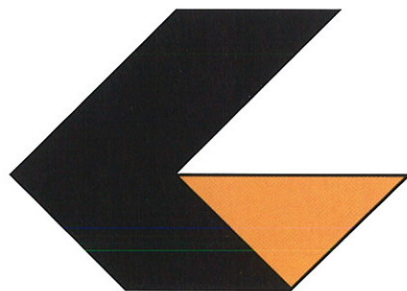
(Protection IP 23)

This Bus-Way is a well tried and proven power supply system for cranes and hoists. Four sizes of conductor give full load current ratings of 60, 80, 100 and 140 Amps. Standard length=4.5 m, designed for both indoor and outdoor installations, and ambient temperature range between -30 °C and +60 °C.

The availability of Bell-Mouth approach units, Crossings, Horizontal and Vertical Bends, enables systems to be produced to suit almost any special application.

(Protection IP 23)

This combined system is especially suitable where light loads need to be suspended adjacent to the power outlet, the system will safely support a maximum load of 100 kg per mtr. and is supplied in standard 4.5 m lengths. Installation of the SGK-L system assists in providing a tidy workplace reducing potential hazards and ensuring more efficient use of portable electric tools.



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Detailed information
about the individual product groups
is available.
Please do not hesitate to order it
whenever you want.