Cable carrier | Key for abbreviations | General abbr.

General abbreviations

a_1 = Hole distance – side edge
a_2 / a_3 = Hole distance – outer edge
a_c = Nominal width inner chamber
a_{max} = Max. travel acceleration
a_T = Distance lateral tabs inside to center of first divider
a_x = Divider center to center distance
b_1 = Inner width of support tray/guide channel
b_2 = Hole distance – cable gland outside
b_3 = Hole distance – cable gland inside
b_4 = Support width of the support tray
b_A = Distance between connection boreholes
B_A = Outer width of support tray
B_E = Contanct width of roller
B_{EF} = Overall width of cable carrier incl. attachments
B_G = Total width of support
B_i = Inner width
B_k = Outer width
B_{KA} = Outer width of guide channel
B_P = Width of base plate
B_R = Width of roller
B_{St} = Stay width
c = Distance between hole stay bores
d = Cable diameter
D = Bore diameter
D_R = Diameter of support roller
d_R = Pipe diameter
D_S = Diameter of wheel flange
G = Bore hole position
H = Connection height
H_A = Axle height of support roller
h_A = Outer height of support tray
h_G = Chain link height
$h_{G'}$ = Chain link height incl. glide shoe
h_i = Inner height
H_i = Inner height of frame stay assembly
h_{KA} = Outer height of guide channel
h_1 = Channel profile height – support height
h_2 = Channel profile height – run-off height
HS = Half-stayed
H_{SR} = Height of the support roller
H_z = Installation height
I = Height channel opening
KR = Bending radius
l_1 = Connection length
l_{2-5} = Connection dimensions
l_A = Length of end connector
L_A = Length of support tray
L_B = Length of carrier in bend
L_D = Length of permissible sag
L_f = Unsupported length
L_k = Cable carrier length without connection
L_{KA} = Channel length
L_{KA}' = Support length
($\triangleq L_S/2$) for One-sided arrangement
($\triangleq X - 2\ l_1$) for opposite arrangement
L_P = Length of base plate
L_{Z1} = Addition for loop overhang
L_{Z2} = Addition for connection ($\triangleq l_1 + 50$ mm)
L_S = Travel length
L_V = Fixed point offset
n_{RKR} = Number of RKR links
n_T = Number of dividers
n_Z = Number of comb teeth for strain relief
q_k = Intrinsic cable carrier weight
q_Z = Additional load
RKR = Reverse bending radius
s / s_1 = Sheet metal thickness
S_H = Thickness of height separation
S_T = Thickness of divider
t = Pitch
T = Slide support width of guide channel
U = Width of U profile
U_B = Loop overhang
VD = Position of continuous height separations in divider
VR = Position of partial height separations in divider
v_{max} = Max. travel speed
VS = Fully-stayed
W_f = Base width of divider
X = Connection distance for opposite arrangement
z = Pretension

Subject to change.

Cable carrier | Key for abbreviations | Pictographs

Definitions

driver view = view into the driver connection

Pictographs

Inner height

Outer height

Inner width

Outer width

Inner width (B_i) in x mm increments

Pitch

Bending radius

Long travel length

Travel length unsupported

Travel length gliding

High additional load

High travel acceleration

High travel velocity

Stay arrangement on every 2nd chain link

Stay arrangement on every chain link

Cannot be opened

Opens outward

Opens inward

Opens inward/outward

Covered cable carrier

Sliding dividers

Fixable dividers

Fixable dividers in x mm grid

Height separation possible

Height separation in 1 mm increments

Hole stay available

Guide channel required

Strain relief

Clean room suitable

Quiet running/low noise

Sold by the meter

Low weight

ESD material

Ex-protection-material

Heat-resistant

Cold-resistant

Resistant to hot chips

Flame-resistant V0 (UL94)

Flame-resistant V2 (UL94)

Order code

Important information

Subject to change.