

Cable carrier | Key for abbreviations | General abbr.








































General abbreviations

a_1	= Hole distance – side edge	l	= Height channel opening
a_2 / a_3	= Hole distance – outer edge	KR	= Bending radius
a_c	= Nominal width inner chamber	l_1	= Connection length
a_{max}	= Max. travel acceleration	l_{2-5}	= Connection dimensions
a_T	= Distance lateral tabs inside to center of first divider	l_A	= Length of end connector
a_x	= Divider center to center distance	L_A	= Length of support tray
b_1	= Inner width of support tray/guide channel	L_B	= Length of carrier in bend
b_2	= Hole distance – cable gland outside	L_D	= Length of permissible sag
b_3	= Hole distance – cable gland inside	L_f	= Unsupported length
b_4	= Hole distance – fixing of cable carrier	L_{ES}	= Length of energy conduit
b_5	= Width of bottom panel	L_k	= Cable carrier length without connection
b_A	= Distance between connection boreholes	L_{KA}	= Channel length
B_A	= Outer width of support tray	L_{KA}'	= Support length ($\triangleq L_S/2$) for One-sided arrangement ($\triangleq X - 2 l_1$) for opposite arrangement
B_E	= Contact width of roller	L_P	= Length of base plate
B_{EF}	= Overall width of cable carrier incl. attachments	L_{Z1}	= Addition for loop overhang
B_G	= Total width of support	L_{Z2}	= Addition for connection ($\triangleq l_1 + 50 \text{ mm}$)
B_i	= Inner width	L_S	= Travel length
B_k	= Outer width	L_v	= Fixed point offset
B_{KA}	= Outer width of guide channel	n_p	= Number of hole stay inserts
B_P	= Width of base plate	n_{RKR}	= Number of RKR links
B_p	= Width of hole stay inserts	n_T	= Number of dividers
B_R	= Width of roller	n_Z	= Number of comb teeth for strain relief
B_{St}	= Stay width	q_k	= Intrinsic cable carrier weight
c	= Distance between hole stay bores	q_z	= Additional load
d	= Cable diameter	RKR	= Reverse bending radius
D	= Bore diameter	s / s_1	= Sheet metal thickness
D_R	= Diameter of support roller	s_2	= Bottom panel thickness
d_R	= Pipe diameter	S_H	= Thickness of height separation
D_S	= Diameter of wheel flange	S_T	= Thickness of divider
G	= Bore hole position	t	= Pitch
H	= Connection height	T	= Support width of support tray/guide channel
H_A	= Axle height of support roller	U	= Width of U profile
h_A	= Outer height of support tray	U_B	= Loop overhang
h_G	= Chain link height	VD	= Position of continuous height separations in divider
h_G'	= Chain link height incl. glide shoe	VR	= Position of partial height separations in divider
h_i	= Inner height	v_{max}	= Max. travel speed
H_i	= Inner height of frame stay assembly	VS	= Fully-stayed
h_{KA}	= Outer height of guide channel	W_f	= Base width of divider
h_1	= Channel profile height – support height	X	= Connection distance for opposite arrangement
h_2	= Channel profile height – run-off height	z	= Pretension
HS	= Half-stayed		
H_{SR}	= Height of the support roller		
H_Z	= Installation height		

Definitions

driver view = view into the driver connection

Pictographs

	Inner height		Stay arrangement on every 2 nd chain link		Clean room suitable
	Inner width		Stay arrangement on every chain link		Quiet running/low noise
	Inner width (B _i) in x mm increments		Cannot be opened		Sold by the meter
	Pitch		Opens outward		Low weight
	Bending radius		Opens inward		ESD material
	Long travel length		Opens inward/outward		Suitable for explosive atmospheres
	Travel length unsupported		Covered cable carrier		Heat-resistant
	Travel length gliding		Sliding dividers		Cold-resistant
	High additional load		Fixable dividers		Resistant to hot chips
	High travel acceleration		Fixable dividers in x mm grid		Flame-resistant V0 (UL94)
	High travel velocity		Height separation possible		Flame-resistant V2 (UL94)
			Height separation in 1 mm increments		Order code
			Hole stay available		Important information
			Guide channel required		
			Strain relief		