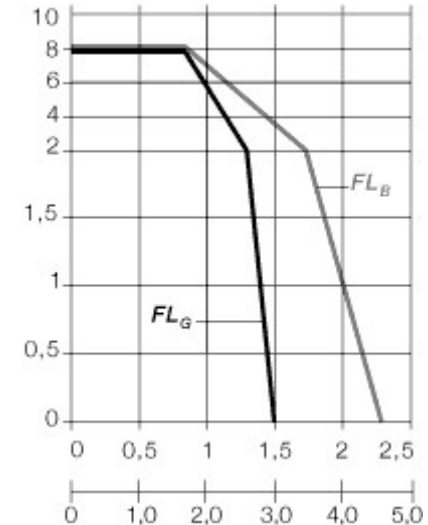
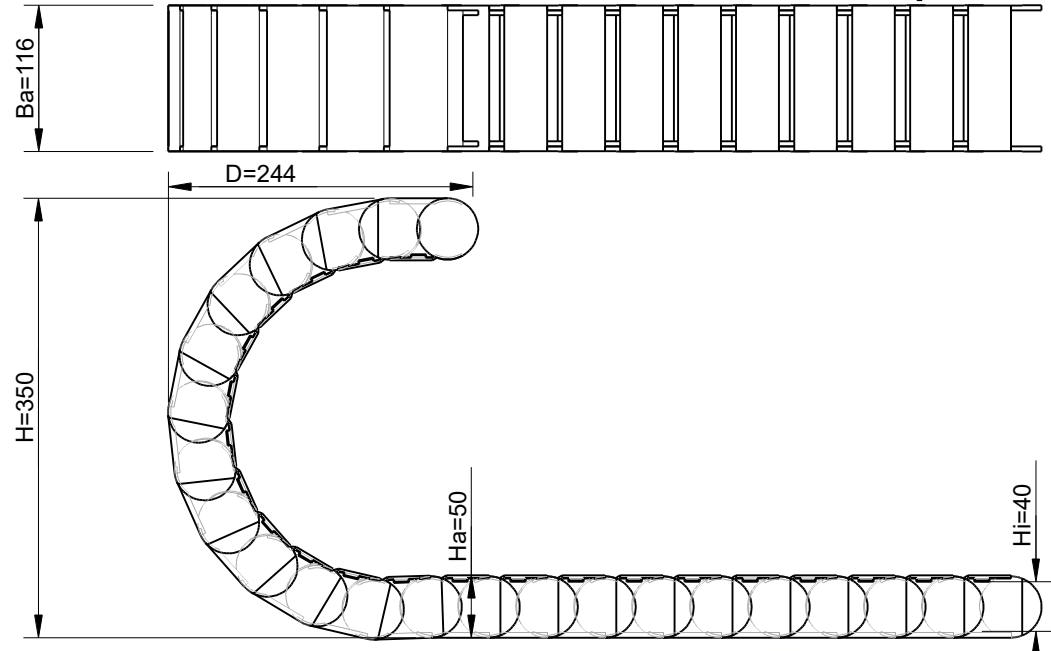


A

B

A

B

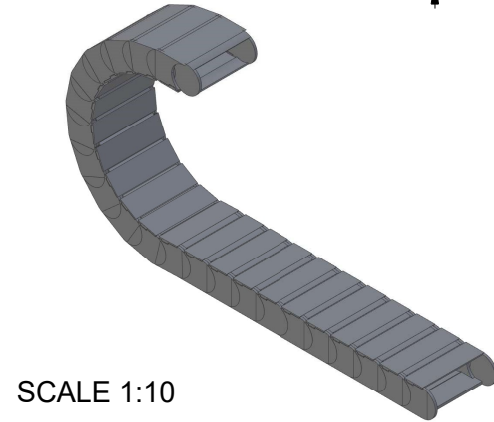


Y-axis: Filling weight in kg per meter
 X-axis 1: Allowed span in meters FLB & FLG
 X-axis 2: S Stroke in meters
 FLB = Cantilevered with allowable sag
 FLG = Cantilevered with straight upper run
 Ideally a design is FLG, FLB is allowed, past FLB its critical, and chain life will be problematic. Better to choose another chain or support it.

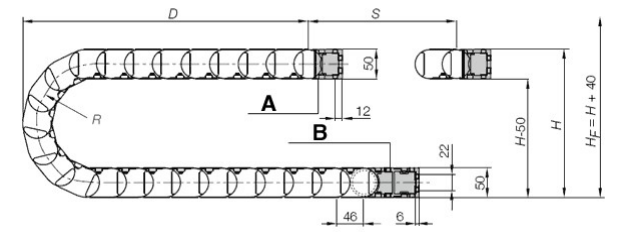
C

C

Chain length	1012mm
Number of chainlinks	22
Weight per chainlink	78 grams
Weight chain	1.71 kg/meter
Bending Radius	150mm
External Height H*(Height with no extra weight!)	350mm
External Height HF(with 1kg/m extra weight)	390mm
Internal width Bi	100mm
Internal height Hi	40mm
External width Ba	116mm
External height Ha	50mm
K (Used in chain length calculation)	565mm
D (Space required to fit the radius)	244mm
Units	mm
Tolerances	+/-0.2mm



SCALE 1:10



Minimum required chain length = $S/2 + 565\text{mm}(K)$
 S = Stroke length of the linear assembly

D

D

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Drawn by Kevin Damen	Checked by	Approved by - date	File name	Date 12-6-2023	Scale 1:6	
6320			www.damencnc.com			
			6320 IGUS Energychain 157.100.150.0 (22 E-chain links per meter)			Edition