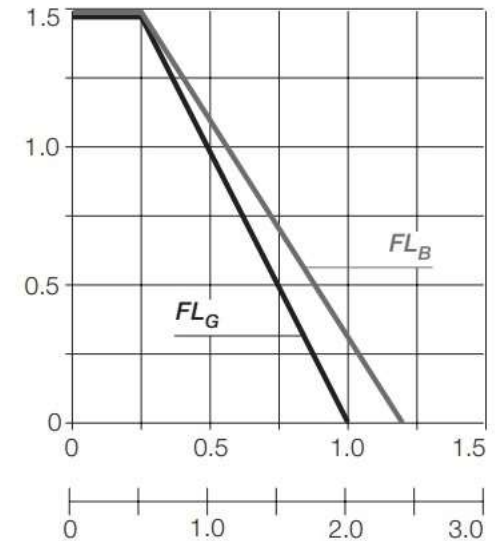
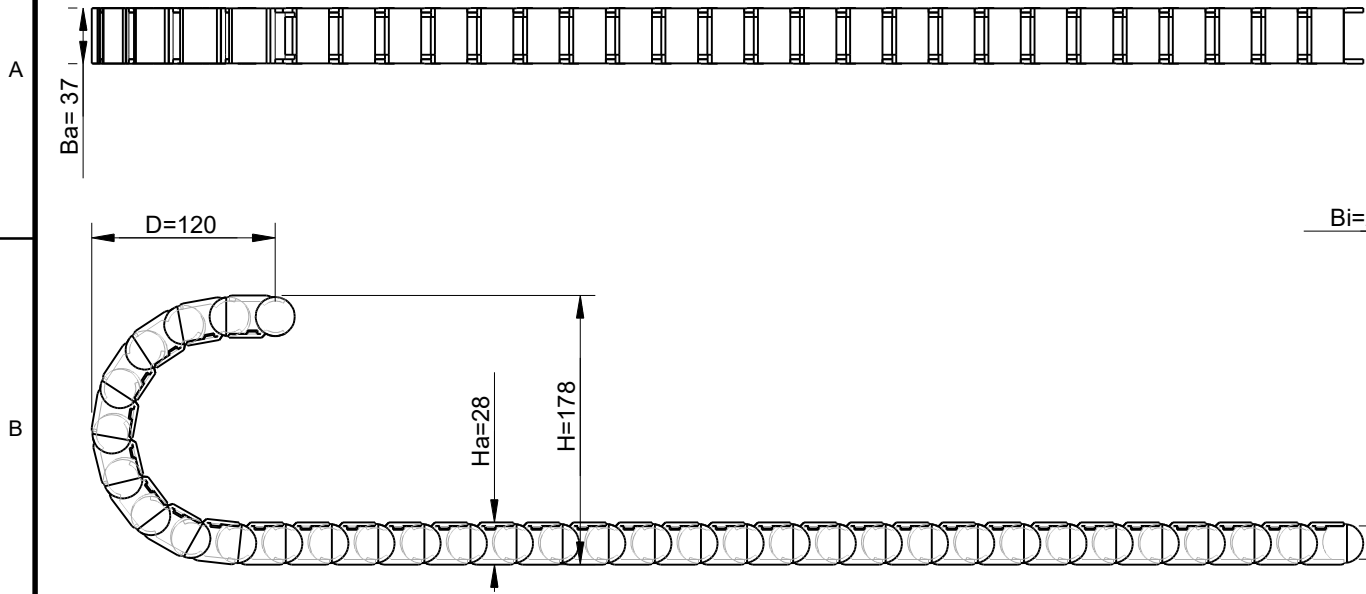
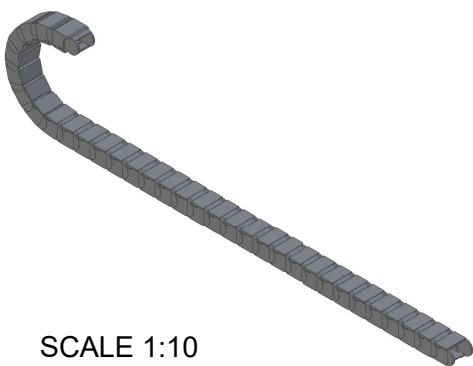


1	2	3	4	5	6
		RevNo	Revision note	Date	Signature
					Checked

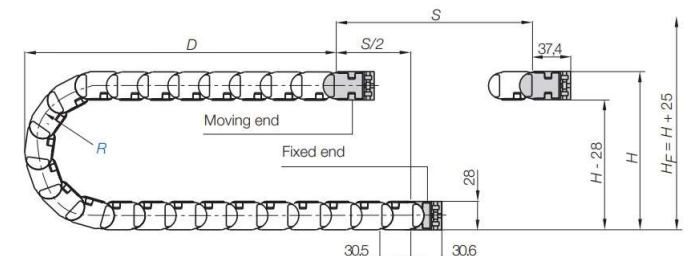


Y-axis: Filling weight in kg per meter  
 X-axis 1: Allowed span in meters FLB & FLG  
 X-axis 2: S Stroke in meters  
 FLB = Cantilevered with allowable sag  
 FLG = Cantilevered with straight upper run  
 Ideally a design is FLG, FLB is allowed, past FLB its critical, and chain life will be problematic.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

Chain length	1000,6mm
Number of chainlinks	33
Weight per chainlink	14 grams
Weight chain	0.46 kg/meter
Bending Radius	75mm
External Height H*(Height with no extra weight!)	178mm
External Height HF(with 1kg/m extra weight)	203mm
Internal width Bi	25mm
Internal height Hi	21mm
External width Ba	37mm
External height Ha	28mm
K (Used in chain length calculation)	300mm
D (Space required to fit the radius)	120mm
Units	mm
Tolerances	+/-0.2mm



SCALE 1:10



Minimum required chain length =  $S/2 + 300\text{mm}(K)$   
 S = Stroke length of the linear assembly

Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference	
Drawn by Kevin Damen	Checked by	Approved by - date	File name	Date 28-4-2023	Scale 1:5	
<b>137</b>			<b>www.damencnc.com</b>			
			137 IGUS Energychain 117.025.075.0 (33 E-chain links per meter)		Edition	Sheet 1 OF 1