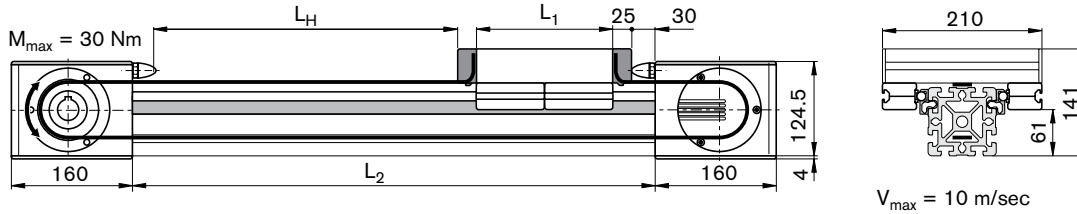


Section 14: Dynamic Linear Elements

LF12C Linear Guide

Description	Formulas to calculate lengths	Ref.
Support profile	$L2 = L1 + (50) + (60) + LH$	L2
Carriage profile	L1 = Minimum length, 180mm	L1
Timing belt	$L = 2 \times L2 - L1 + 630$	L



Ref.	Description	Order Quantity	Technical Specifications	Part Number
A	Clamp guide profile, length = 3000mm, pkg. of 20		14-16	3 842 518 897
	Clamp guide profile, length = 3000mm	as required	14-16	3 842 518 894
	Clamp guide profile, specify length $\geq 150\text{mm} \leq 3000\text{mm}$		14-16	3 842 992 440/ __mm
B1	Corrosion-resistant Guide rail, length = 2900mm	as required	14-16	3 842 539 415
	Corrosion-resistant Guide rail, specify length $\geq 150\text{mm} \leq 2900\text{mm}$	1	14-16	3 842 993 968/ __mm
C	Bearings, lot size = 2 (includes fastening kit)	4	14-17	3 842 535 664
D	Belt clamps, lot size = 2 (includes fastening kit)	1	14-18	3 842 535 680
F1	Drive sprocket, flush mount	1	14-19	3 842 526 863
J	Drive shaft w/key, length = 68.5mm	as required	14-19	3 842 526 894
G	Return sprocket (includes fastening kit)	1	14-18	3 842 526 865
E	45x180 end cap, black (two required)	2	Section 9	3 842 503 845
L	Timing belt, length = 50,000mm	as required	14-19	3 842 526 422
	Timing belt, specify length $\geq 300\text{mm} \leq 50,000\text{mm}$, in 10mm increments	1	14-19	3 842 994 821/ __mm
L1	Carriage profile 45x180H, specify length ...mm (min. = 180)	1	Section 2	3 842 990 335/ __mm
L2	Support profile 90x90H, D17/D17, specify length ...mm	1	Section 2	3 842 990 093/ __mm