

The Belt-driven linear table MLK has all the advantages of the standard MLC table:

- It is equipped with a protecting metal plate
- No stroke space is lost, because the slide moves over the metal cover.

Furthermore, this table has the advantage of being able to work at high speeds, because instead of using a screw it moves using a system of belt and pulleys.

Nevertheless, we must indicate that the precision is not the same as that provided by the ball screw, due to the belt properties.

This table has been designed for applications with the following characteristics:

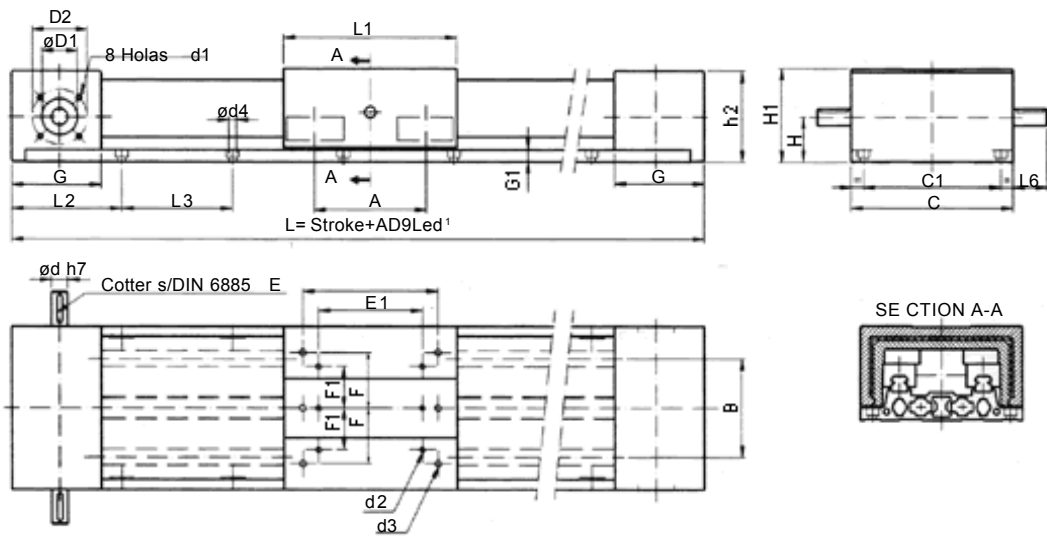
- Hostile environments, as the MLC
- Work with medium/heavy loads.
- High working speeds.

DESIGN EXAMPLE

Belt-driven Linear table, Size 1020, Stroke 1000 mm, Total length 1450 mm., with motor mounting and coupling.

	MLK	1020	1000	1450	MGK
Belt-driven linear table					
Size 1020 / 1532					
Stroke					
Total length					
Motor mounting and coupling MGK					

BELT-DRIVEN LINEAR TABLE MLK



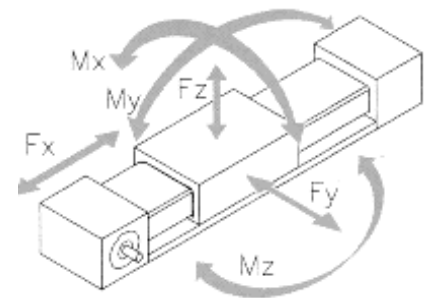
DIMENSIONS

Size	A	B	C	C1	d	d1	d2	d3	d4	D1	D2	E	E1	F	F1	G
1020	140	90	180	150	14	M6x15	-	M8	9	42	60	150	-	62	-	95
1532	145	122	235	200	24	M8x15	M8	M10	11	52	80	195	150	80	60	130

Size	G1	H	H1	H2	L1	L2	L3	L6	AD
1020	14	52	104	101	220	105	120	25	450
1532	18	65	135	131	250	170	160	50	550

TECHNICAL DATA

Size	Fx N	Fy N	Fz N	Mx Nm	My Nm	Mz Nm
1020	1300	26000	29000	1300	2000	1700
1532	4800	38000	42800	2600	3100	2700



Size	Feed per Revolution mm	Speed max. rpm	Speed max. m/min	Accel. max. m/s²	Table's mass			Position Accuracy mm
					Stroke 0 mm	Each 100 kg	Slide kg	
1020	120	3000	150	20	21,6	1,2	11,2	±0,3
1532	200	3000	120	20	44,8	1,7	30,2	±0,3

¹Led: Additional space, for micro switches etc.