

Custom linear tables

TV5 and TV6 series

The TV5 and TV6 project aims to create large tables for use in very heavy applications in terms of applied loads; complete the natural succession of the TV series. The structures are made of steel, the work surfaces and the support surfaces of the guide systems are rectified; the carriage moves through profiled guides with flanged roller skates of size 30mm, movement control with preloaded precision ball screw or trapezoidal screw. The external structure is protected by extensible bellows, which are made to measure to guarantee different models. The tables can be operated manually, with a handwheel, or even motorized.

The TV5 and TV6 models are made only on customer request, with its related customized specifications.

Dimensions and features

Table TV5

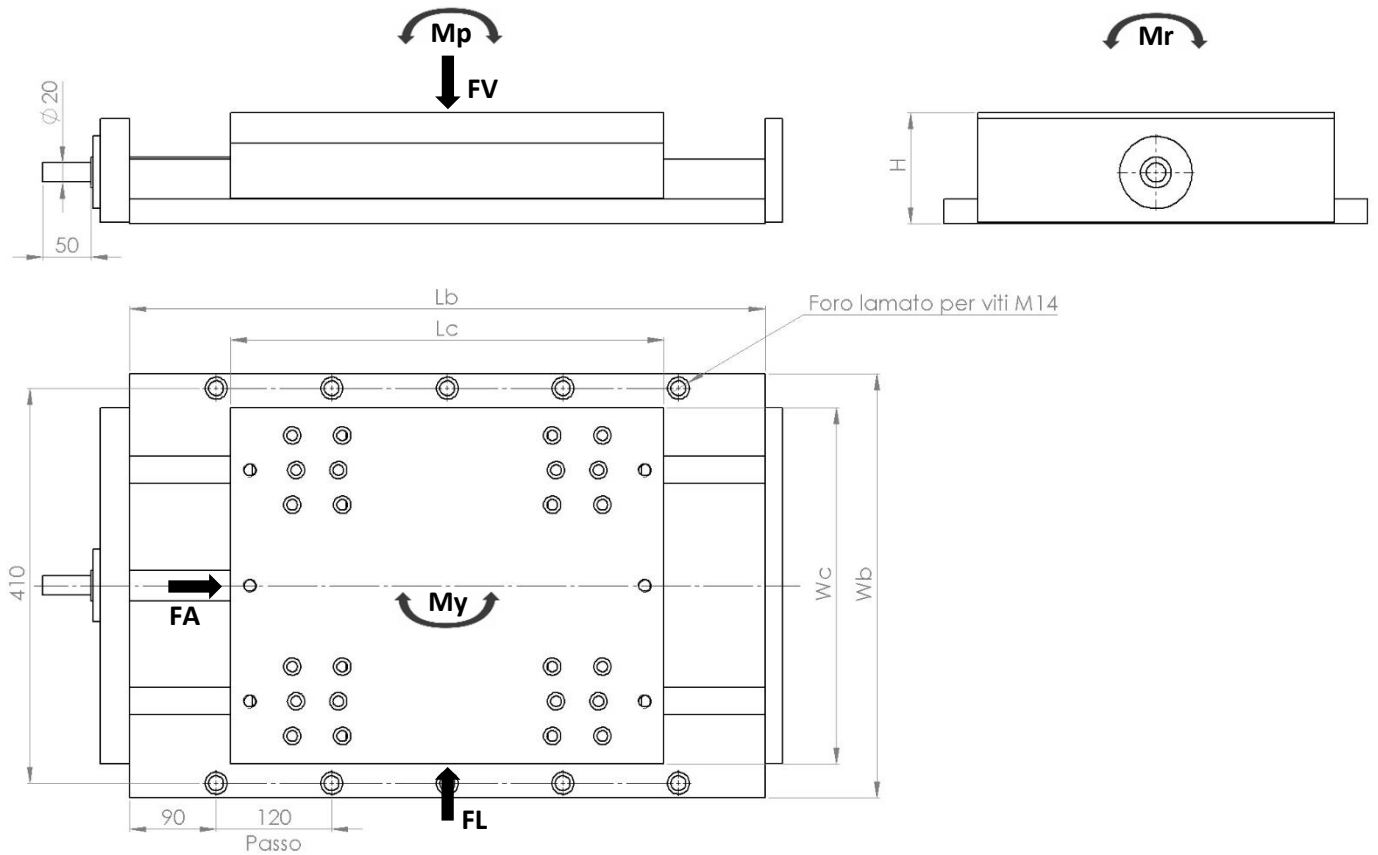


Table	Stroke	L_b	W_b	L_c	W_c	H
TV5_C100	100mm	660mm	440mm	450mm	370mm	115mm
TV5_C250	250mm	810mm				
TV5_C400	400mm	960mm				

Table	Screw			Guides				
	Type	Accuracy degree	Axial static load (FA)	Type	Static load (FV=FL)	Dynamic load	$M_p=M_y$	M_r
TV5	trapezoidal screw $\varnothing 32$ p.6	200/300 $\mu\text{m}/\text{mm}$	23* kN	Flanged roller skates with guides of size 30 mm	420 kN	192 kN	56,7 kN x m	50,4 kN x m
	Otherwise							
	RDS screw $\varnothing 32$ p.5	ISO 5	48,7 kN					

*Indicative value determined by the conditions of use

Dimensions and features

Table TV6

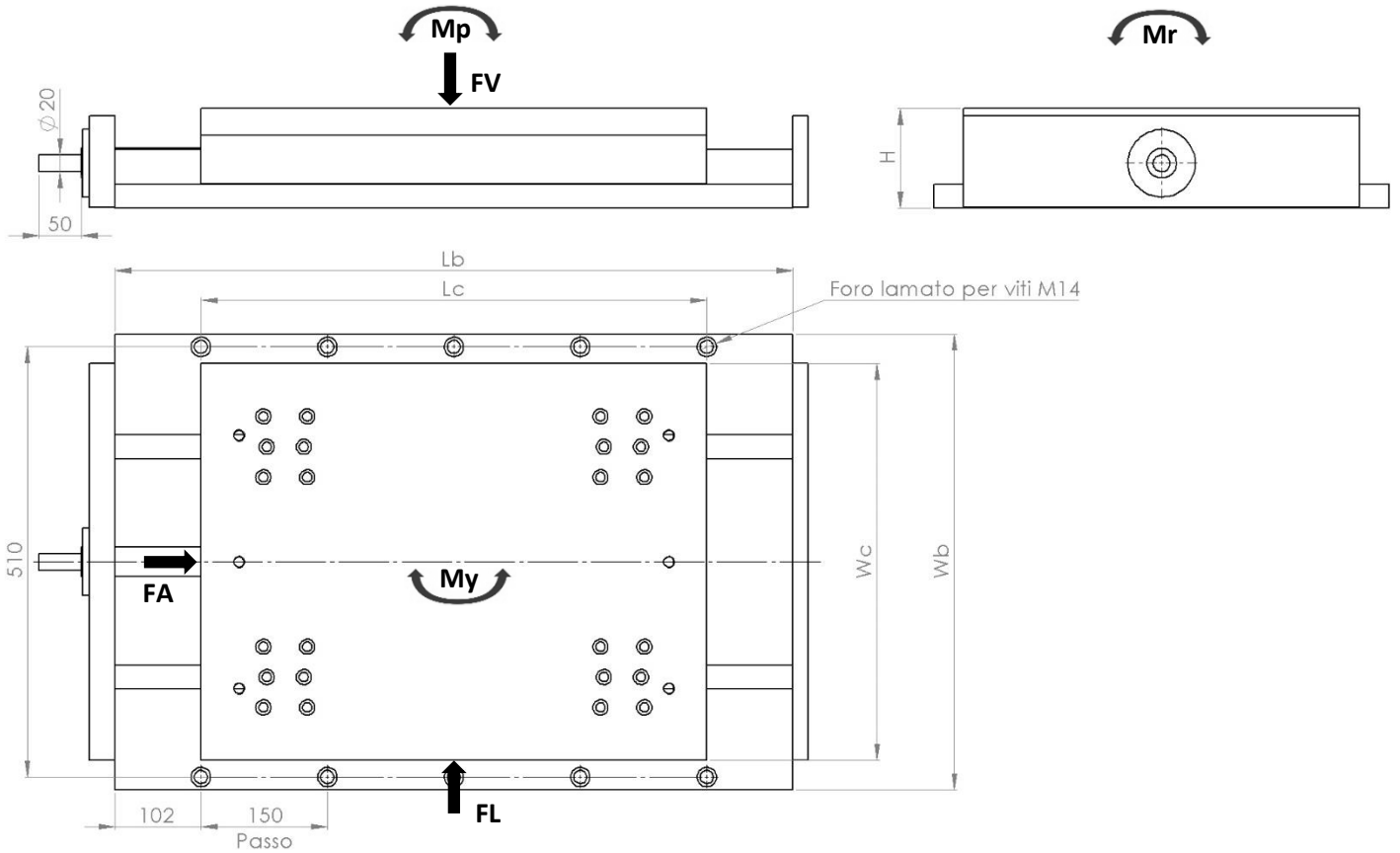


Table	Stroke	L_b	W_b	L_c	W_c	H
TV6_C100	100mm	804mm	540mm	600mm	470mm	118mm
TV6_C250	250mm	954mm				
TV6_C400	400mm	1104mm				

Table	Screw			Guides				
	Type	Accuracy degree	Axial static load (FA)	Type	Static load (FV=FL)	Dynamic load	$Mp=My$	Mr
TV6	trapezoidal screw $\varnothing 35$ p.6	200/300 $\mu\text{m}/\text{mm}$	30* kN	Flanged roller skates with guides of size 30 mm	420 kN	192 kN	84 kN x m	57,3 kN x m
	Otherwise							
	RDS screw $\varnothing 36$ p.6	ISO 5	104 kN					

*Indicative value determined by the conditions of use



Certified according to
EN 9100:2018, AS9100D, JISQ 9100:2016
ISO 9001:2015



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