



	MLR-2500-P
Load capacity	2500 kg / 5511 lb
Length (casted from one piece)	5 m
Weight	3500 kg / 7716 lb at 5 m of length
Travel path	3,5m (± 1,75 m) at 5m of length
Speed	1,0 m/s
Secondary encoder*	✓
Max. length absolute	17 m
Resolution secondary encoder	1 nm
Linearity deviation secondary encoder	± 2,5 µm/m
Repeat accuracy	± 41 nm
Drive technology	master-slave SIEMENS gear motors
Linear guides	linear rolling
Quality of the racks	Q6
Energy supply chain	internal
Brake system	servo motor with holding brake
Manual break release unit	on the carriage
Lubrication system	pulse controlled lubrication unit
Protection cover	PUR folded bellows

* also available without secondary encoder