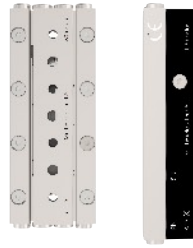


"Indus." Series Linear Motion Units

Room Temperature Motion Solution – "indus." Minimalist Industrial Style

.indus Series—Minimalist industrial style, Easy to group for higher dimension.

➔ L030.indus



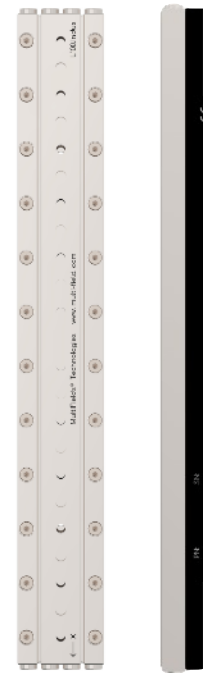
24 mm x 63 mm

➔ L060.indus



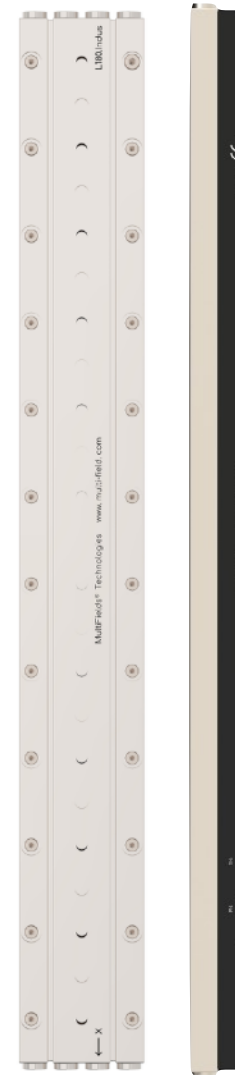
24 mm x 105 mm

➔ L100.indus



24 mm x 180 mm

➔ L180.indus



36 mm x 300 mm

Specification – Piezoelectric · indus · Linear Motion Unit

Lxxx.indus Piezoelectric linear Motion - Specification

Optional Versions ⇄	L030.indus	L060.indus	L100.indus	L180.indus	
.UHV, ultra-high vacuum;					
Basic					
1	Bottom width size	63 mm x 24 mm x16.5 mm	105 mm x 24 mm x16.5 mm	180 mm x 24 mm x17 mm	300 mm x 36 mm x18 mm
2	Mainbody Materials	Aluminium / Stainless			
3	Cable & Connectors	Standard shielded cable circular connector and D-Sub15			
The formMotion parameters - recommended installation form . (the following properties are measured under the recommended installation form)					
4	loaded		1 kg	2 kg	3 kg
5	Travel Range	30 mm	60 mm	100 mm	180 mm
6	Max Velocity	~ 20 mm/s*			
7	Mini Step Size	~ 5 nm			
8	Drive Frequency	Max. 20 kHz			
9	Dynamic Force	3 N			
10	Holding Force	5 N			
11	Pitch / Yaw	0.3 mrad (0.017°)			
The formMotion parameters - recommended installation form . (the following properties are measured under the recommended installation form)					
12	Max. Load	2 N			
13	Holding Force	5 N			
Sensor					
14	Sensor	-Resistive Sensor (.R) - Optic Encoder (.O)			
15	Sensor Range	30 mm	60 mm	100 mm	180 mm
16	Sensor Resolution	-Resistive Sensor (.R) , 100-200 nm - Optic Encoder (.O) 2nm (default), 1nm optional			

*can be reached only with MC-Newton.Pro series.

Piezoelectric Motion - RT

Piezoelectric Motion - RT