

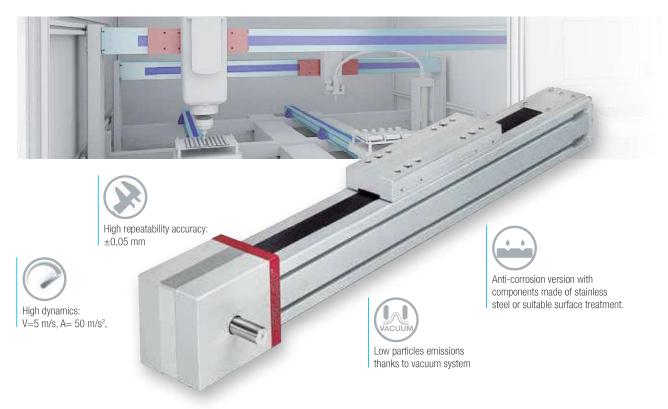
### Plus System

High performance linear actuators with steel re-enforced driving belt transmission. They have a high level of protection.



### Clean Room System

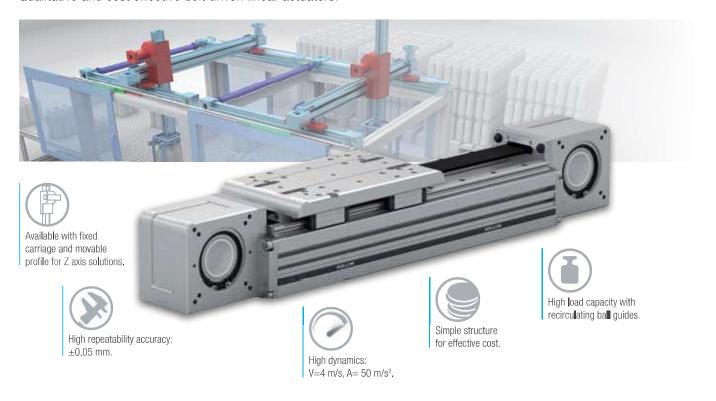
Clean Room certified belt driven linear actuators.



# Actuator Line

### Smart System

Qualitative and cost effective belt driven linear actuators.



### Eco System

Simple and protected belt driven linear actuators.



### Uniline System

Belt driven actuators with radial ball bearing sliders.



### Modline

Versatile belt driven linear actuators. They've recirculating ball guides or prismatic roller bearings.



# Actuator Line

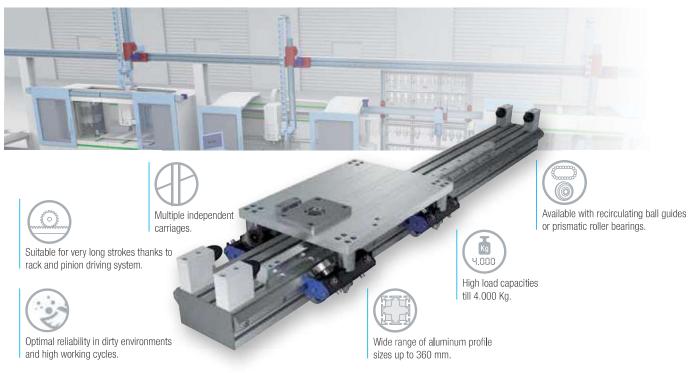
### Precision System

High precision ball screw driven actuators.



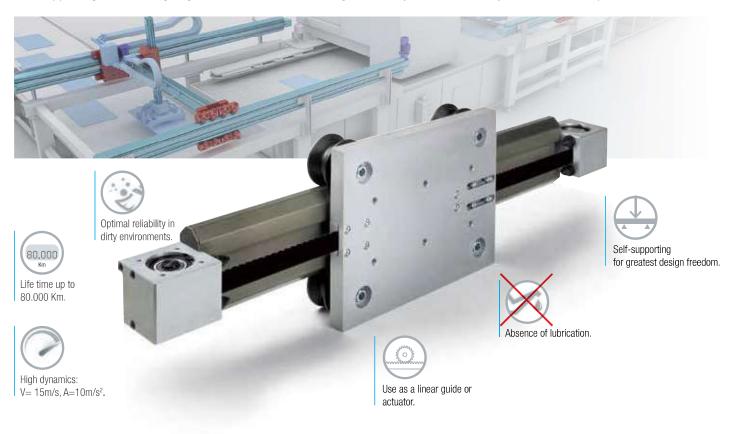
### Tecline

Rack and pinion driven linear actuators. They've recirculating ball guides or prismatic roller bearings.



### Speedy Rail A

Self-supporting and self-aligning extruded aluminum linear guides. They can de driven by belt or rack and pinion.



# Technical features overview



	Reference	Linear mot	ion system		Driving		0.011.0.000.010.0		
Pr	oduct Family	Product	Balls	Rollers	Toothed belt	Ball screw	Rack and pinion	Anticorrosion	Protection
		ELM						• •	Protected
Plus System	O	ROBOT			Onanananan			•	Protected
		SC			Land Tanad			•	Semi-protected
Clean Room System		ONE						•	Protected with suction
	0,	E-SMART							
Smart System	10	R-SMART							
		S-SMART			Lang Young				Semi-protected
Eco System		ECO							Semi-protected
Uniline System	R	A/C/E/ED/H							Semi-protected
	13	MCR MCH						•	Semi-protected
Modline	0	TCR TCS						•	
		ZCR ZCH			Land O band			•	

Reported data must be verified according to the application.

\* Longer stroke is available for jointed version

	Size	Max. load capacity per carriage [N]			Max. static moment per carriage [Nm]			Max. speed	Max. acceleration	Repeatability accuracy	Max stroke
		F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	[m/s]	[m/s <sup>2</sup> ]	[mm]	(per system) [mm]
	50-65-80-110	4980	129400	129400	1392	11646	11646	5	50	± 0.05	6130*
	100-130- 160-220	9545	258800	258800	22257	28986	28986	5	50	± 0.05	6100*
	100-130-160	5810	153600	153600	13555	31104	31104	5	50	± 0.05	2500
	50-65-80-110	4980	104800	104800	1126	10532	10532	5	50	± 0.05	6000*
	30-50-80-100	4980	189200	189200	2680	19204	19204	4	50	± 0.05	6145*
	120-160-220	9960	283800	283800	24123	36894	36894	4	50	± 0.05	6050*
	50-65-80	2523	55400	55400	700	4044	4044	4	50	± 0.05	2000
	60-80-100	4565	55400	55400	700	5485	5485	5	50	± 0.05	6000*
	40-55-75	19360	11000	17400	800,4	24917	18788	7	15	± 0.05	5700*
	65-80-105	3984	55400	55400	700	5983	5983	5	50	± 0.1	10100*
	140-170 200-220-230 280- 360	9960	266400	266400	42624	61272	61272	5	50	± 0.1	11480
	60-90-100 170-220	7470	189200	189200	13665	38691	38691	4	25	± 0.1	2500



# Technical features overview



	Reference	Linear mot	ion system	Driving			Anticorrosion	Protection	
Pi	roduct Family	Product	Balls	Rollers	Toothed belt	Ball screw	Rack and pinion	Anticorrection	
		TH				<i>m</i> _ <i>m</i>			Semi-protected
Precision		TT				<i>m</i> _ <i>m</i>			Semi-protected
System		TV				mm_mm			Semi-protected
		TVS				<i>m</i> [] <i>m</i>		•	Semi-protected
Tecline	1	PAR PAS						•	
		SAB							
Speedy Rail A	-	ZSY			Land Janay				
		SAR							

Reported data must be verified according to the application, \* Longer stroke is available for jointed version

Size		t. load capa per carriago [N]		Max. static moment per carriage [Nm]			Max. speed	Max. acceleration	Repeatability accuracy	Max stroke (per system)
<b>3123</b>	F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	[m/s]	[m/s²]	[mm] <sup>*</sup>	[mm]
70-90-110-145	32600	153600	153600	6682	5053	5053	2		± 0.005	1500
100-155- 225-310	30500	230500	274500	30195	26625	22365	2,5		± 0.005	3000
60-80-110	11538	85000	85000	1080	2316	2316	2,5		± 0.01	3000
170-220	66300	258800	258800	19410	47360	47360	1	5	± 0.02	3500
118-140-170- 200-220-230- 280-360	10989	386400	386400	65688	150310	150310	4	10	± 0.05	10800*
60-120- 180-250	4980	5431	5431	558	597	644	15	10	± 0.2	7150
180	4980	2300	2600	188	806	713	8	8	± 0.2	6640
120-180-250	1905	7240	7240	744	1521	1521	3	10	± 0.15	7150*

