PRODUCT SEGMENT – F.EE UNIVERSAL LINEAR AXIS

SMALL PAYLOADS

Typ SV60-s (cable drag sideward)

Technical specifications		
Nominal payload robot: (without additional load) [1]	60 kg	
Static payload: (without robot)	1.200 kg	
Extended static payload: (without Robot) [2]	1.500 kg	
Maximum drive speed:	4,00 m/s	
Maximum acceleration:	3,00 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	x
	Ceiling:	x
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kuka: KR 60	
	Fanuc: M-710	
	ABB: IRB 4400	

Other variants and robot types (also from other manufacturers) available on request

MEDIUM PAYLOADS

Typ 5002-s-500 (cable drag sideward)
Typ 5002.1-s-500 (cable drag centric)

Technical specifications		
Nominal payload robot: (without additional load) [1]	500 kg	
Static payload: (without robot)	3.800 kg	
Extended static payload: (without Robot) [2]	6.000 kg	
Maximum drive speed:	2,00 m/s	
Maximum acceleration:	1,90 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	x
	Ceiling:	x
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kuka: Quantec	
	Fanuc: R-2000	
	ABB: IRB 6700	

Other variants and robot types (also from other manufacturers) available on request

Typ 5002-s-700 (cable drag sideward)
Typ 5002.1-s-700 (cable drag centric)

Technical specifications		
Nominal payload robot: (without additional load) [1]	700 kg	
Static payload: (without robot)	4.200 kg	
Extended static payload: (without Robot) [2]	8.000 kg	
Maximum drive speed:	2,00 m/s	
Maximum acceleration:	1,90 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	x
	Ceiling:	x
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kuka: Fortec	
	Fanuc: R-2000	
	ABB: IRB 7600	

Other variants and robot types (also from other manufacturers) available on request

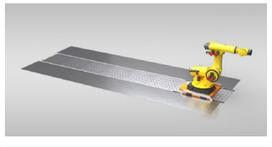
Typ 5003-s-500 (cable drag sideward)
Typ 5003.1-s-500 (cable drag centric)

Technical specifications		
Nominal payload robot: (without additional load) [1]	900 kg	
Static payload: (without robot)	3.800 kg	
Extended static payload: (without Robot) [2]	6.000 kg	
Maximum drive speed:	2,00 m/s	
Maximum acceleration:	1,90 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	x
	Ceiling:	x
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kuka:	KR 360 KR 500
	Fanuc: M-900	
	ABB: IRB 7600	

Other variants and robot types (also from other manufacturers) available on request

HIGH PAYLOADS

Typ 5004-s-1000 (axis flush / passable)



Technical specifications		
Nominal payload robot: (without additional load) [1]	1.000 kg	
Static payload: (without robot)	6.100 kg	
Extended static payload: (without Robot) [2]	10.000 kg	
Maximum drive speed:	2,00 m/s	
Maximum acceleration:	1,45 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	-
	Ceiling:	-
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kuka: KR 1000	
	Fanuc: M-1000	
	ABB: IRB 8700	

Other variants and robot types (also from other manufacturers) available on request

Typ 5002-s-1000 (cable drag sideward)
(cable drag centric)

Technical specifications		
Nominal payload robot: (without additional load) [1]	1.000 kg	
Static payload: (without robot)	6.100 kg	
Extended static payload: (without Robot) [2]	10.000 kg	
Maximum drive speed:	2,00 m/s	
Maximum acceleration:	1,45 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	x
	Ceiling:	-
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kuka: KR 1000	
	Fanuc: M-1000	
	ABB: IRB 8700	

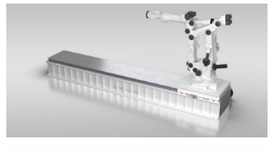
Other variants and robot types (also from other manufacturers) available on request

Typ 5002-sd-1000 (cable drag sideward)
(-1300) (cable drag centric)

Technical specifications		
Nominal payload robot: (without additional load) [1]	1.300 kg	
Static payload: (without robot)	10.800 kg	
Extended static payload: (without Robot) [2]	12.000 kg	
Maximum drive speed:	2,00 m/s	
Maximum acceleration:	1,45 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	x
	Ceiling:	-
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kuka: KR 1000	
	Fanuc: M-2000	
	Kawasaki:	MG10HL MG15HL

Other variants and robot types (also from other manufacturers) available on request

Typ 8000-s-1500 (cable drag sideward)
(clean room suitable)



Technical specifications		
Nominal payload robot: (without additional load) [1]	1.500 kg	
Static payload: (without robot)	8.250 kg	
Extended static payload: (without Robot) [2]	12.000 kg	
Maximum drive speed:	2,00 m/s	
Maximum acceleration:	1,45 m/s²	
Repeatability accuracy:	± 0,02 mm	
Standard nominal stroke:	from 0,5 to X m	
Installation position:	Floor:	x
	Steel structure:	x
	Ceiling:	-
Noise emissions:	70,00 dB	
Robot type: (example) [3]	Kawasaki: MG15HL	

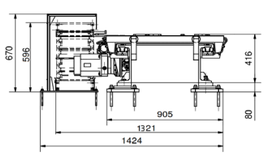
Other variants and robot types (also from other manufacturers) available on request

DIMENSIONS – F.EE UNIVERSAL LINEAR AXIS

SMALL PAYLOADS

Typ SV60-s (cable drag sideward)

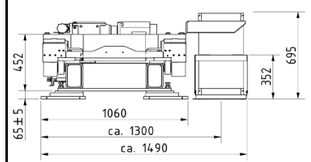
cable drag sideward



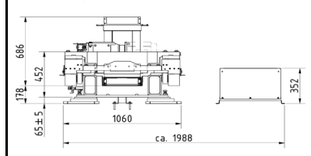
MEDIUM PAYLOADS

Typ 5002-s-500 (cable drag sideward)
Typ 5002.1-s-500 (cable drag centric)

cable drag sideward

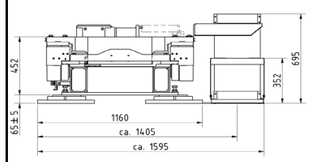


cable drag centric

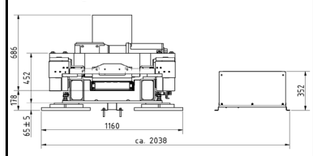


Typ 5002-s-700 (cable drag sideward)
Typ 5002.1-s-700 (cable drag centric)

cable drag sideward

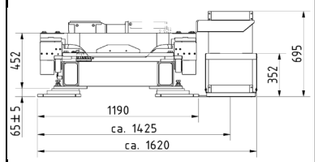


cable drag centric

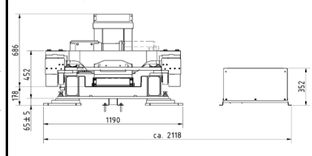


Typ 5003-s-500 (cable drag sideward)
Typ 5003.1-s-500 (cable drag centric)

cable drag sideward



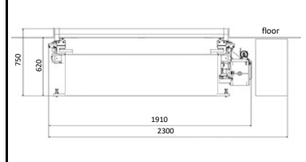
cable drag centric



HIGH PAYLOADS

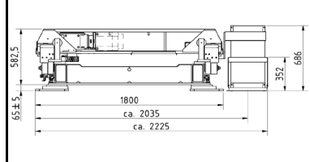
Typ 5004-s-1000 (axis flush / passable)

cable drag sideward

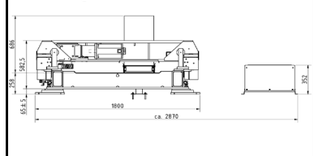


Typ 5002-s-1000 (cable drag sideward)
(cable drag centric)

cable drag sideward

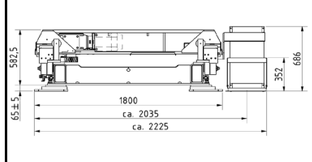


cable drag centric

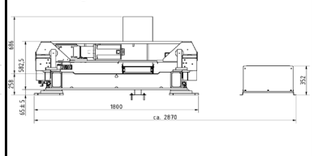


Typ 5002-sd-1000 (cable drag sideward)
(-1300) (cable drag centric)

cable drag sideward

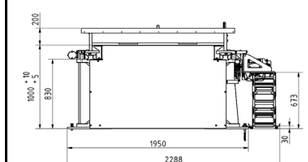


cable drag centric



Typ 8000-s-1500 (cable drag sideward)
(clean room suitable)

cable drag sideward



[1] The foundation load data is relevant for the maximum load capacity – not the maximum load capacity specifications of the robot manufacturer.
[2] A separate dimensioning is required for this.
[3] Other variants are available on request. Changes and errors excepted.