

INLINE SERVOPRESS

Data sheet



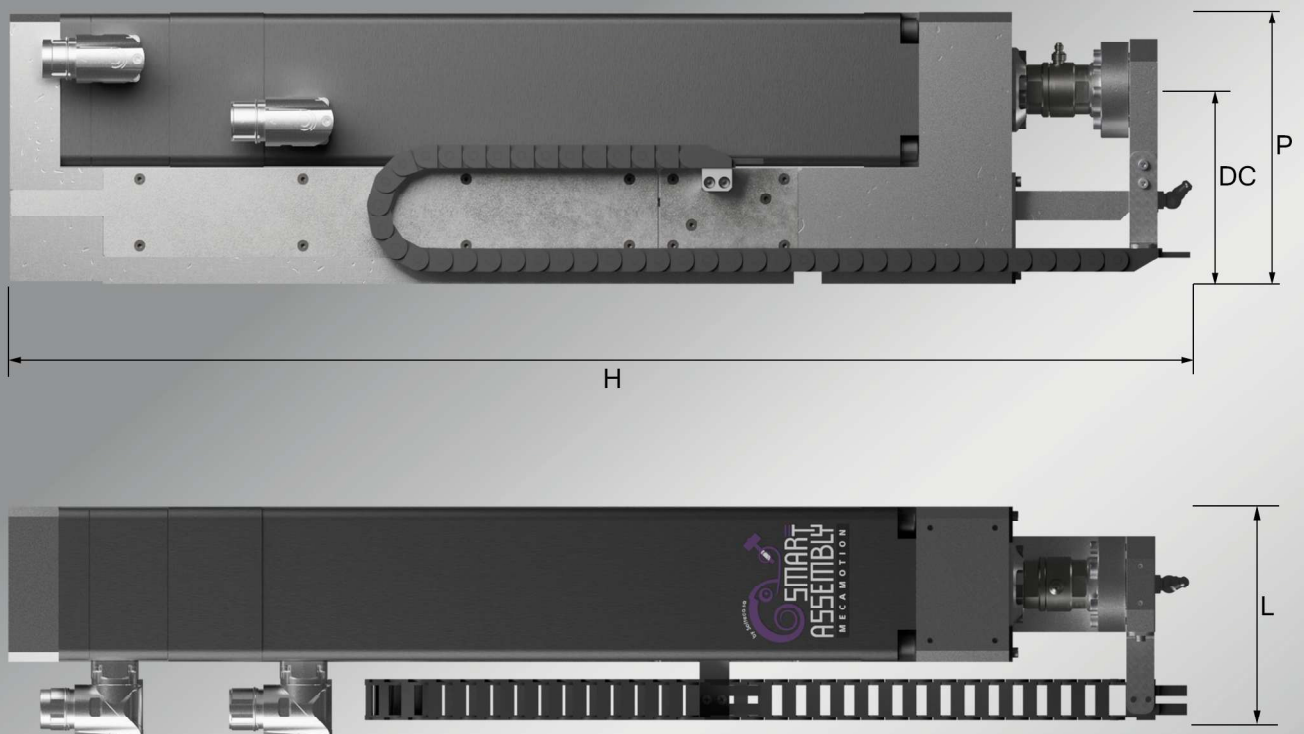
SOFTTECA

AUTOMATION | SERVOPRESS

Softeca SA | Champs-Montants 16 b-c | CH - 2074 Marin

External dimensions

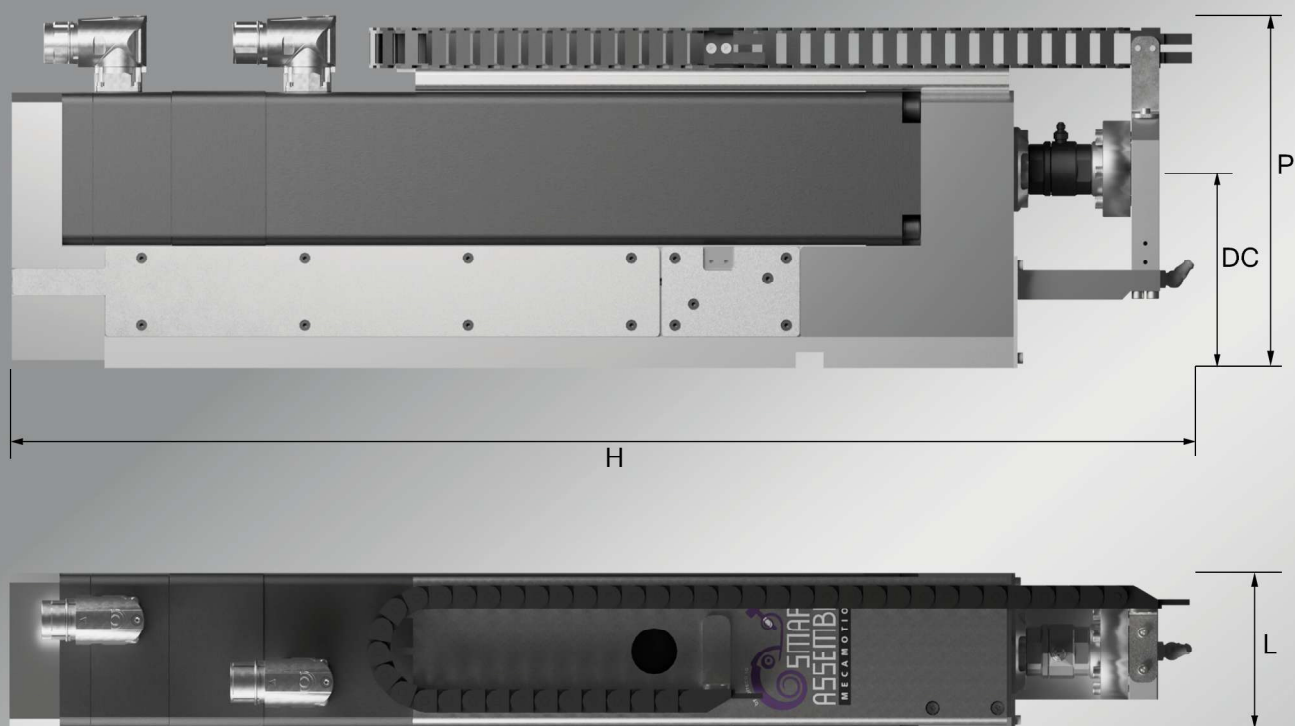
Cable chain side



Specifications			
Rated force	5 kN	10 kN	30 kN
Stroke	230 mm	300 mm	300 mm
Hold time at rated force	4s	4s	4s
Continuous holding force	3.5 kN	9.3 kN	12.2 kN
Max tooling weight	15 kg	45 kg	60 kg
Rated speed	230 mm/s	230 mm/s	200 mm/s
Minimum speed	0.01 mm/s	0.01 mm/s	0.01 mm/s
Position repeatability (at constant temperature)	<0.01 mm	<0.01 mm	<0.01 mm
Weight	32 kg	116 kg	151 kg
IP rating	IP 54	IP 54	IP 54
Force accuracy	0.5% effort nominal	0.5% effort nominal	0.5% effort nominal
Dimensions (mm)			
Height (H)	636	811	990
Width (L)	124.5	151	184
Depth (P)	149	187	258
Distance to center (DC)	111	131	186

External dimensions

Cable chain front



Specifications			
Rated force	5 kN	10 kN	30 kN
Stroke	230 mm	300 mm	300 mm
Hold time at rated force	4s	4s	4s
Continuous holding force	3.5 kN	9.3 kN	12.2 kN
Max tooling weight	15 kg	45 kg	60 kg
Rated speed	230 mm/s	230 mm/s	200 mm/s
Minimum speed	0.01 mm/s	0.01 mm/s	0.01 mm/s
Position repeatability (at constant temperature)	<0.01 mm	<0.01 mm	<0.01 mm
Weight	32 kg	116 kg	151 kg
IP rating	IP 54	IP 54	IP 54
Force accuracy	0.5% effort nominal	0.5% effort nominal	0.5% effort nominal
Dimensions (mm)			
Height (H)	636	811	990
Width (L)	85.6	111	144
Depth (P)	189.5	227	298
Distance to center (DC)	111	131	186

Center distance between press



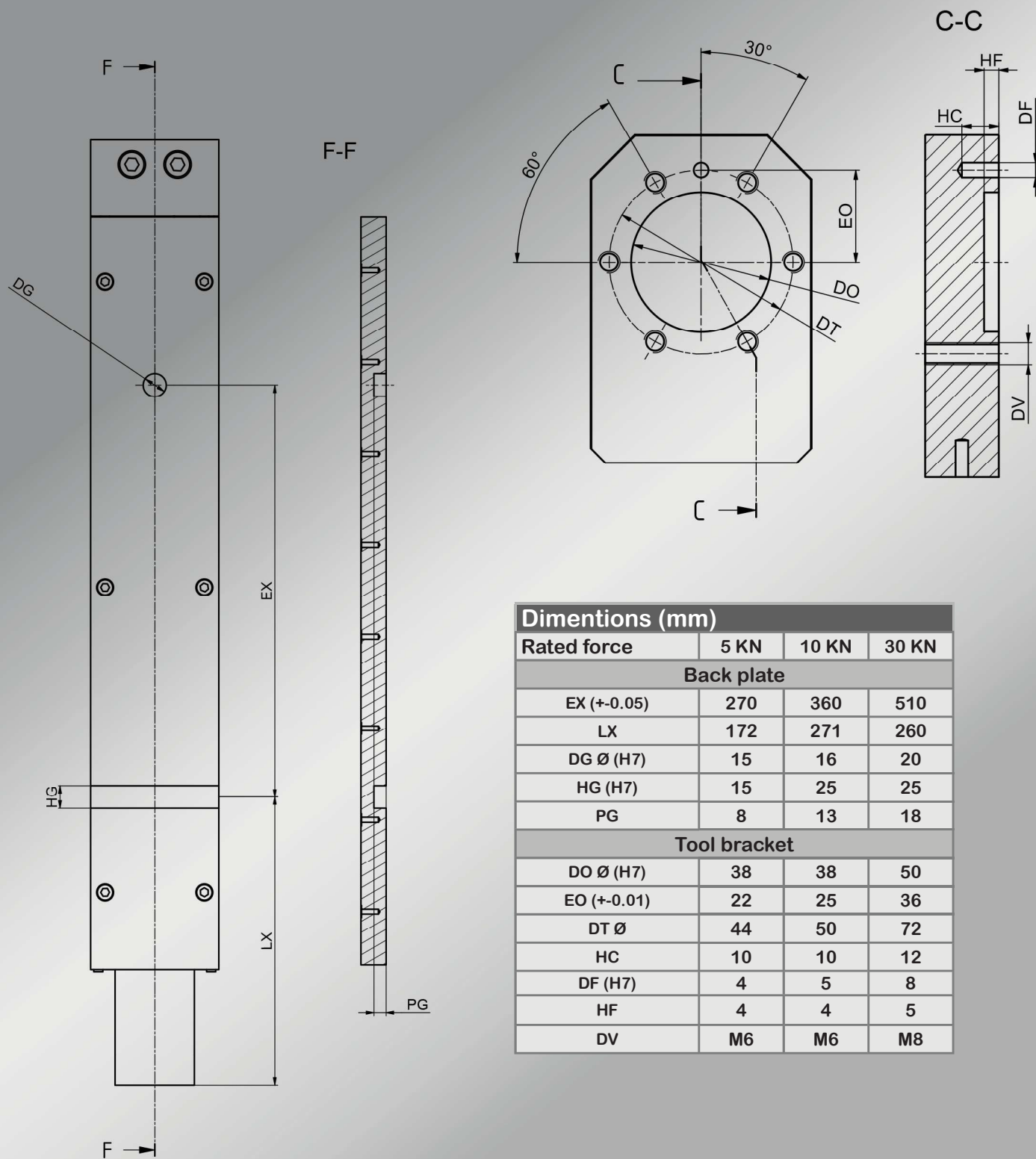
Tool spacing (DX) (mm)	
5 kN	85
10 kN	112
30 kN	145

Options and positions

Options		Position
Linear scale	5 nm resolution	1
Sensor	thin layer / piezzo	2 / 3
Cable chain position	Side / Front / Without	4 / 5 / 6
Connectors position	Side or front	7 / 8



Rear and tool holder fixations



Dimensions (mm)

Rated force	5 kN	10 kN	30 kN
Back plate			
EX (+0.05)	270	360	510
LX	172	271	260
DG Ø (H7)	15	16	20
HG (H7)	15	25	25
PG	8	13	18
Tool bracket			
DO Ø (H7)	38	38	50
EO (+0.01)	22	25	36
DT Ø	44	50	72
HC	10	10	12
DF (H7)	4	5	8
HF	4	4	5
DV	M6	M6	M8

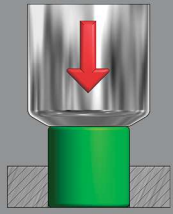
Order code

Options		Item number						
Product type	Line press	WP						
Nominal force	5 kN		005					
	10 kN		010					
	30 kN		030					
Force sensor	Thin layers			CM				
	Piezo			PZ				
Stroke*	250 mm				250			
	300 mm				300			
Cable chain	Left side					SI		
	Front					FR		
	Without					NO		
Connectors	Left side						SI	
	Front						FR	
Linear scale	Yes							RE
	No							NO
Order code example		WP	010	CM	300	SI	SI	RE
My order code		WP						

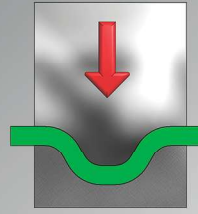
* Max stroke: 5Kn : 230mm

* Max stroke : 10Kn and 30Kn : 300mm

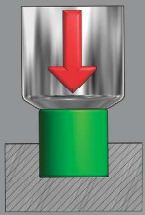
Use cases



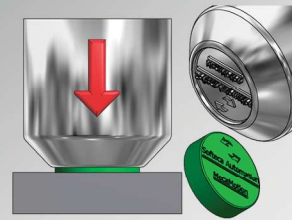
Joining



Bending



Joining blind hole



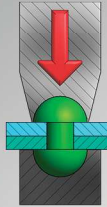
Stamping marking



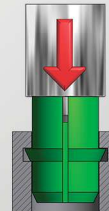
Cutting



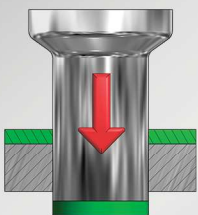
Measuring



Riveting



Clipping



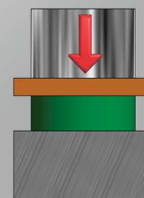
Punching



Rigidity
spring testing



Tensile test



Press bonding

Contact

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