

SLX digit

Hydraulic long-stroke vise

- Digitized through integrated sensor technology
- Automated quick jaw change
- Self-centering clamping

Application/customer benefits

- Integrated sensor technology: Measuring system for jaw position
- Quick jaw change for shortest changeover times, also automatically via robot
- High clamping force for high cutting performance
- Extra long clamping stroke for maximum flexibility
- Integrated safety valves to maintain clamping force in case of pressure drop
- Connection for pressure monitoring
- Hydraulic connection laterally or from below through the connecting plate for highest flexibility

Technical features

- Hydraulic actuation max. 250 bar
- Clamping force max. 75 kN
- Jaw stroke 55 mm (per jaw)
- Only suitable for O.D. clamping
- **proofline®** = fully sealed - low maintenance



proofline® series
fully sealed – low maintenance

SLX digit

Quick jaw change
manual or automatic
via robot

Extra long
jaw stroke

Sealed
guideway



Hydraulic connections
laterally or from below

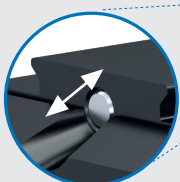
Extra long and
stable guidance
Integrated, linear
position sensor

Air sensing
Top jaws

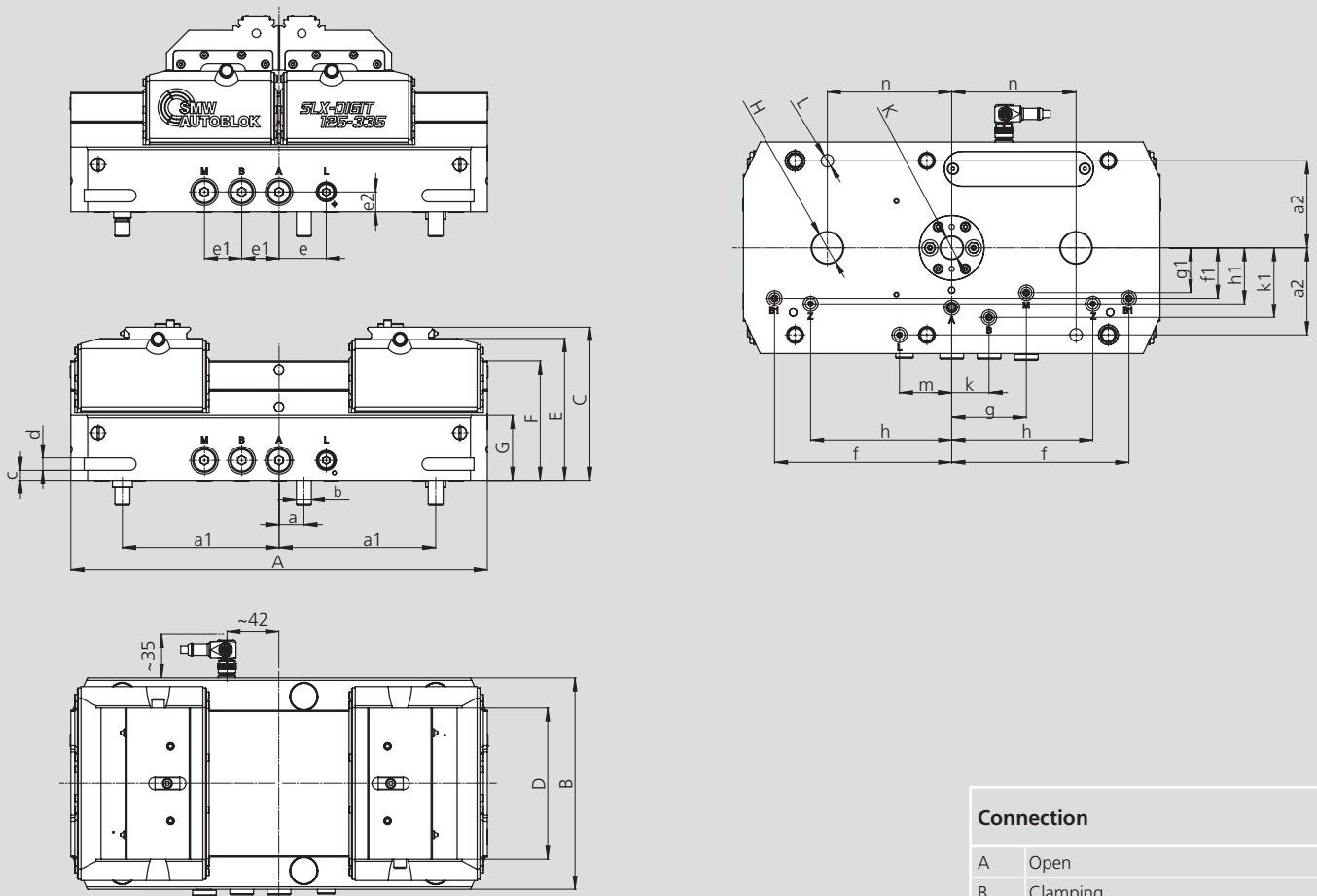
Integrated hydraulic
safety valves

Quick jaw change / automated by robot

Pin actuation for robotic
jaw change



Dimension and technical data



Subject to technical changes.
For more detailed information please ask our customer service.

Connection

A	Open
B	Clamping
B1	Clamping with non-return valve
L	Air sensing top jaw
M	Connection for pressure monitoring
Z	Control connection non-return valve

SMW-AUTOBLOK Type SLX digit		125-335	
Length	A	mm	335
	B	mm	170
Jaw width	C	mm	123
	D	mm	121.6
	E	mm	114
	F	mm	96
	G	mm	52
Fit	H	mm	Ø25 ^{H7} x 5.5
Fit	K	mm	Ø18 ^{H7} x 5.5
Mounting hole	L	mm	Ø10 ^{H7} x 12
	a / a1 / a2	mm	20 / 126 / 70
	b	mm	6 x M12
	c	mm	8
	d	mm	10
	e / e1 / e2	mm	38 / 30 / 16
	f / f1	mm	142.5 / 40.5
	g / g1	mm	60 / 36
	h / h1	mm	113.5 / 45
	k / k1	mm	30 / 56
	m	mm	70
Max. clamping force at 250 bar	kN		75
Max. operating pressure	bar		250
Stroke per jaw	mm		55
Weight	kg		35.5

Type	Output signal	Id. No. Standard actuation	Id. No. External stop valve actuation
SLX digit connection sideways	0 - 10 V	461750	461745
SLX digit connection sideways	4 - 20 mA	461751	461746
SLX digit connection below	0 - 10 V	461752	461747
SLX digit connection below	4 - 20 mA	461753	461748
SLX digit without position monitoring	-	461754	461749