

# **LCP**50

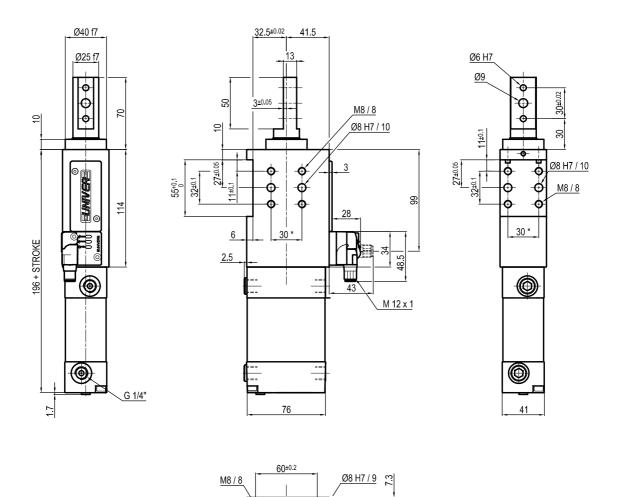
Pneumatic retractable locating pin unit, single rod



L	СР	5	0	0	4	0	Α	Α	Е	R	
1	2	:	3		4		5	6	7	8	

1 Series		2	Version	3	Size		
LC = Retractable	e locating		<b>P</b> = Pneumatic-standard, single rod		<b>50</b> = Ø 50 mm		
4 Strokes		5	Sensor	6	Rod end style		
015 = 15 mm 025 = 25 mm 040 = 40 mm 050 = 50 mm 060 = 60 mm 075* = 75 mm 100* = 100 mm 110* = 110 mm * = Special strokes Oversized body			<ul> <li>Sensor</li> <li>D = Pneumatic sensor with double air supply</li> <li>N = No sensor (with protection plate)</li> <li>A = Electronic sensor with M12 swivel connector DF-U</li> <li>E = Electronic sensor with M12 swivel connector DF-U (only for special strokes: 075 - 100 - 110)</li> </ul>		<ul> <li>A = Rod for off-set pins</li> <li>B = Rod with profiled end</li> <li>C = Rod with cross-profiled end inner Ø 16 mm</li> <li>D = Rod for off-set pins with oversize dowel holes</li> <li>E = Rod with cross-profiled end inner Ø 10 mm</li> <li>F = Rod for side mounting</li> <li>H = Rod with flat end, inner Ø 10 mm</li> <li>I = Rod with flat end, inner Ø 12 mm</li> <li>L = Rod with inner Ø 12 mm compat</li> </ul>		
Rod orientation	on		8 Option		with CNOMO standard  M = Rod with inner Ø 20 mm compatible		
<b>E</b> = East, standa	rd	la -	<b>R</b> = Metallic rod scraper <b>B</b> = Double internal guide		with CNOMO standard		
<b>O</b> = West		<b>J</b> u	and metallic rod scraper				
<b>N</b> = North		<b>j</b> u					
<b>S</b> = South	<b>S</b> = South						
Only with A and	d D rod end st	yles					





Bore Ø	Max. pull force 0.5 MPa	Max. push force 0.5 MPa	Max. torque 6 Nm	Max.deflection moment 7.5 Nm	Weight
50 mm	860 N	960 N	±0.06°	±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° + 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60

NORTH

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

SOUTH

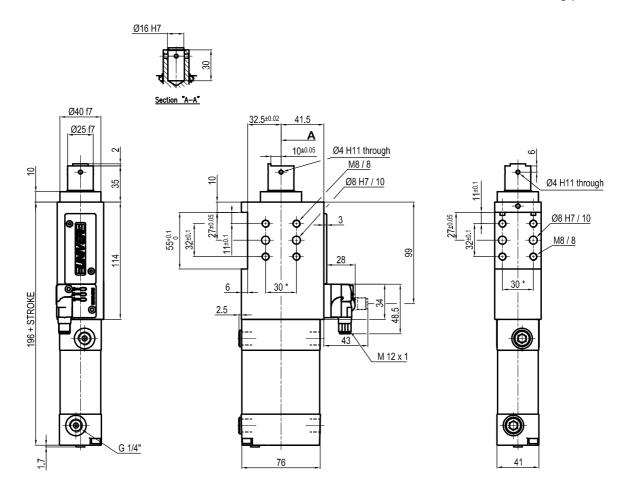
Supply voltage: 10÷30 Vdc IP code: **IP 65** 

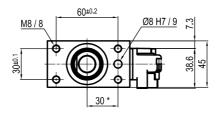
Pneumatic ports on both sides

Subject to technical modification without notice.

<sup>\*:</sup> TOLERANCE BETWEEN DOWEL HOLES ± 0.02, BETWEEN SCREW HOLES ± 0.1







	Bore Ø	Max. pull force 0.5 MPa	Max. push force 0.5 MPa	Max. torque	Max. deflection moment	Weight
ı	50 mm	860 N	960 N	6 Nm +0.06°	7.5 Nm +0.03	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° ÷ 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60 Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

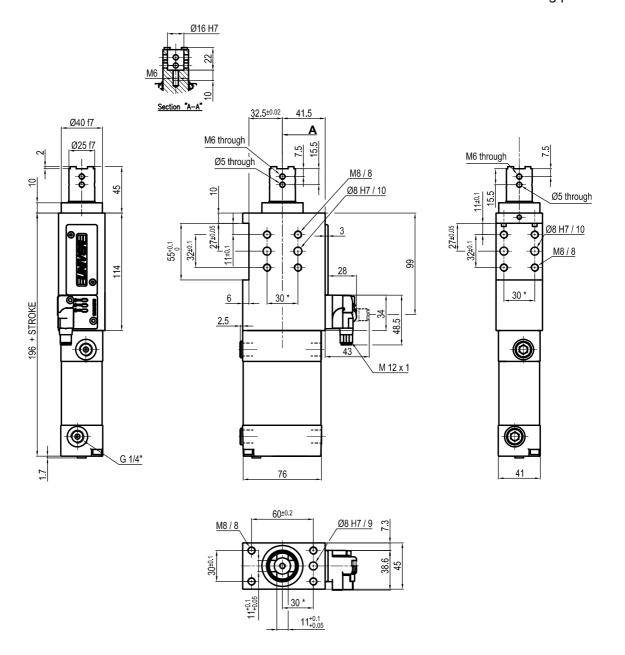
Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

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Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature:  $5^{\circ} \div 45^{\circ}$  C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0°or 90° Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

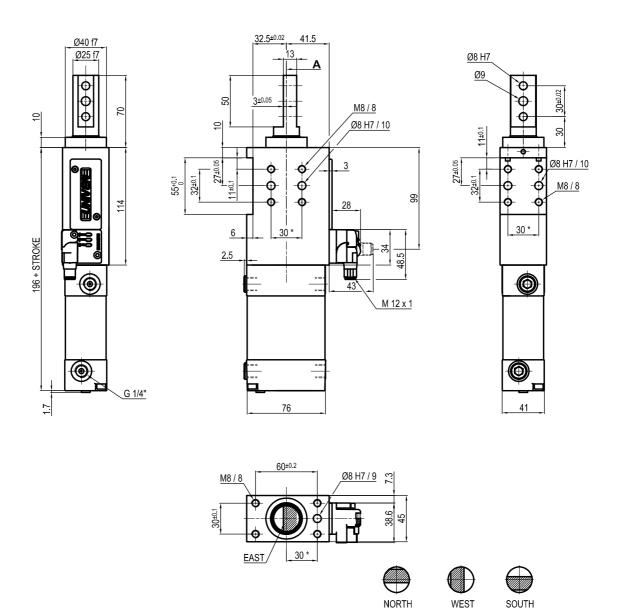
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# LCP50

### UNIVERSAL Pneumatic retractable locating pin unit



				(4)		
	Bore Ø	Max. pull force 0.5 MPa	Max. push force 0.5 MPa	Max. torque	Max. deflection moment	Weight
ı	50 mm	860 N	960 N	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

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Pneumatic ports on both sides

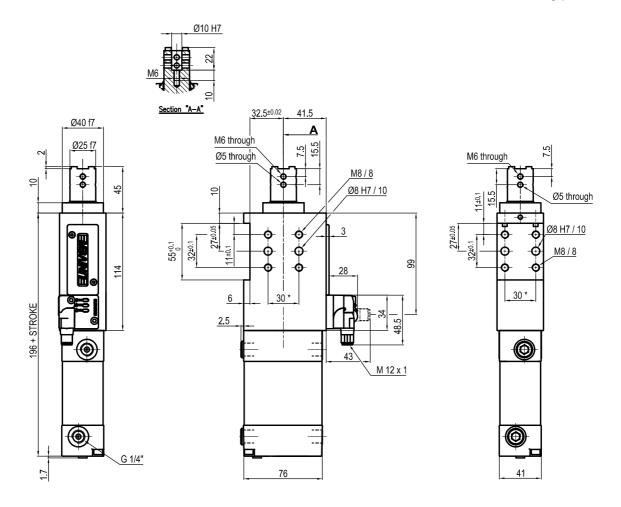
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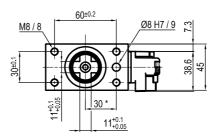
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## LCP50

### UNIVERSAL Pneumatic retractable locating pin unit





Bore Ø	Max. pull force 0.5 MPa	Max. push force 0.5 MPa	Max. torque	Max. deflection moment	Weight
50 mm	860 N	960 N	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° + 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

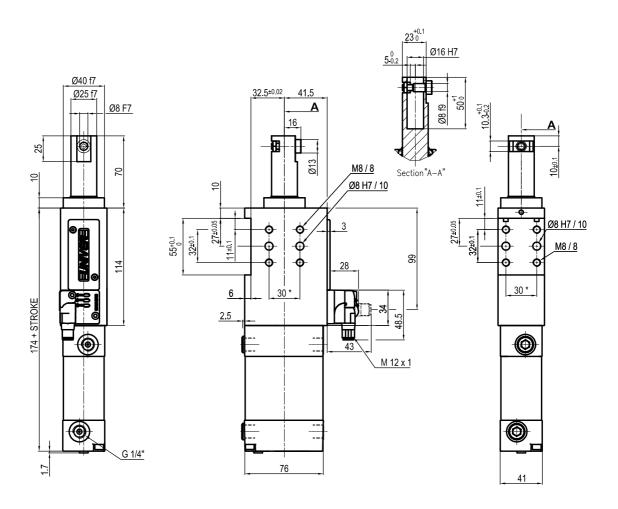
\*: TOLERANCE BETWEEN DOWEL HOLES ± 0.02, BETWEEN SCREW HOLES ± 0.1

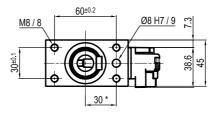
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## LCP50 AF

### UNIVERSAL Pneumatic retractable locating pin unit





	Bore Ø	Max. pull force 0.5 MPa	Max. push force 0.5 MPa	Max. torque	Max. deflection moment	Weight
Ī	50 mm	860 N	960 N	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa
Operating temperature: 5° ÷ 45° C
Strokes in mm.: 15 - 20 - 25 - 40 - 50 - 60
Electronic sensor with M12 swivel connector that can be orientated at 0°or 90°
Supply voltage: 10+30 V DC

Supply voltage: 10+30 V DC IP code: **IP 65** 

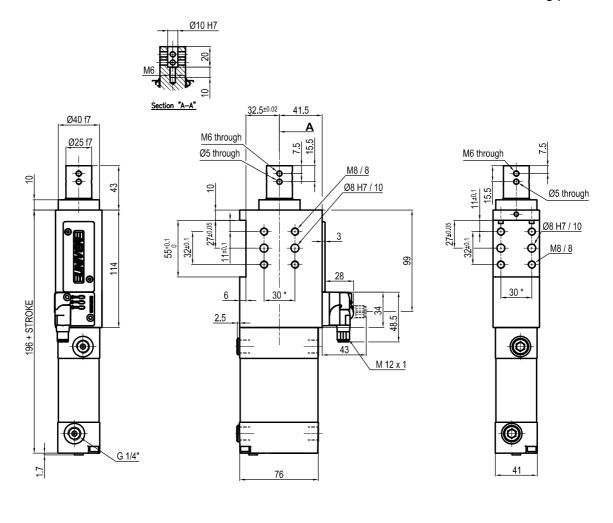
Pneumatic ports on both sides

\*: TOLERANCE BETWEEN DOWEL HOLES ± 0.02, BETWEEN SCREW HOLES ± 0.1

Subject to technical modification without notice.

Rev. 02 14.03.18 Automotive





M8 / 8	_	60	±0.2		Ø8 H	<u>7/9</u> £	<u> </u>
30±0.1	<b>ф</b> ф			$\phi \phi \phi$		38.6	45
			_ 30 *				-

	Bore Ø	Max. pull force 0.5 MPa	Max. push force 0.5 MPa	Max. torque	Max. deflection moment	Weight
ı	50 mm	860 N	960 N	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° + 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60 Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

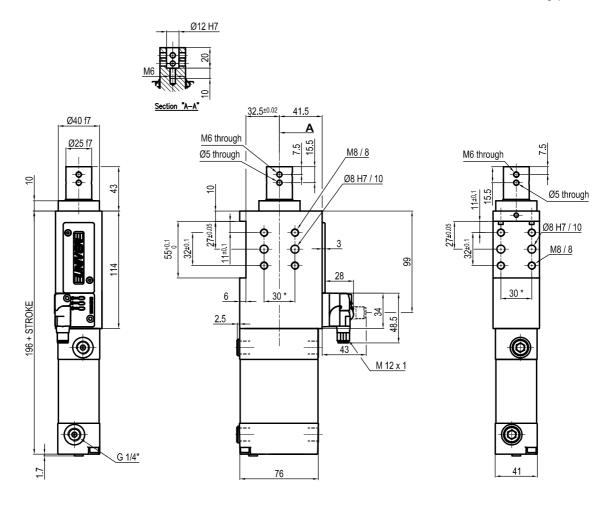
\*: TOLERANCE BETWEEN DOWEL HOLES ± 0.02, BETWEEN SCREW HOLES ± 0.1

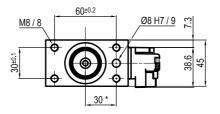
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				(4)		
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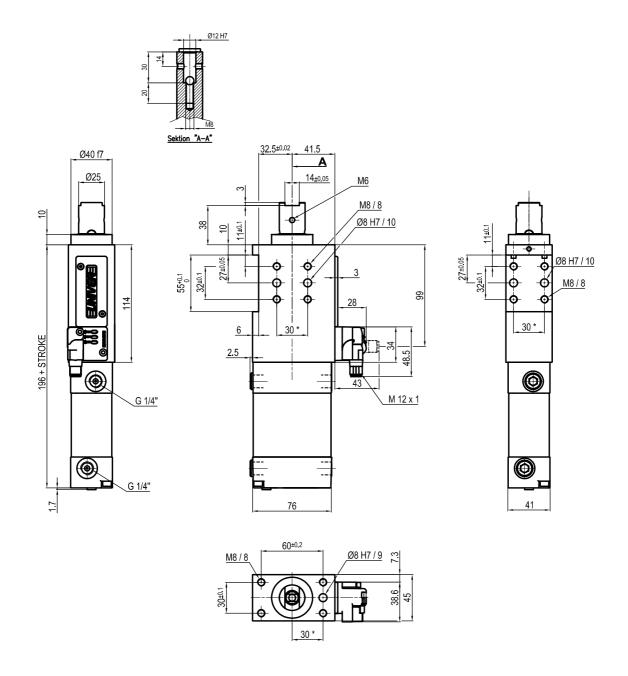
Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

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Subject to technical modification without notice.





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50 mm	860 N	960 N	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

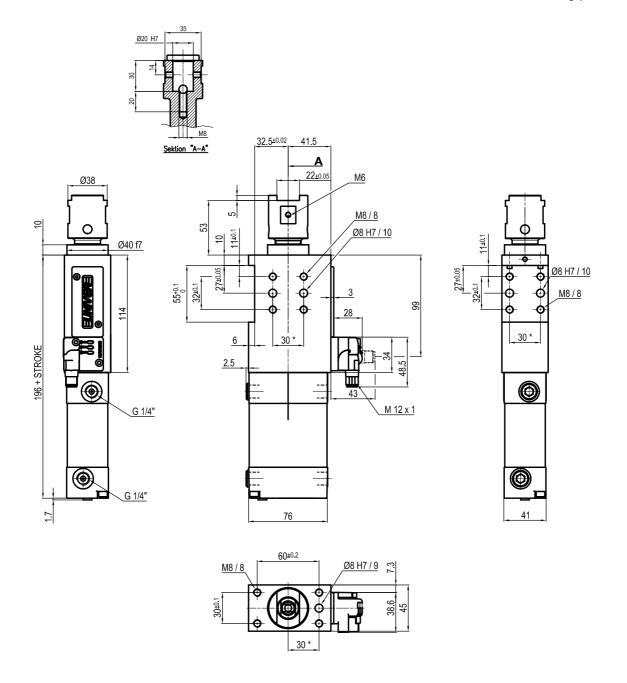
Min./max. operating pressure: 0,4 / 0,6 MPa
Operating temperature: 5° ÷ 45° C
Strokes in mm.: 25 - 50
Electronic sensor with M12 swivel connector that can be orientated at 0°or 90°
Supply voltage: 10+30 Vdc
IP code: IP 65

Pneumatic ports on both sides

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ľ	50 mm	860 N	960 N	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa
Operating temperature: 5° ÷ 45° C
Strokes in mm.: 25 - 50
Electronic sensor with M12 swivel connector that can be orientated at 0°or 90°
Supply voltage: 10+30 Vdc
IP code: IP 65

Pneumatic ports on both sides

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# **LCP**50

Pneumatic retractable locating pin unit, single rod



L C	Р	5 0	0	5	0	E A	E	R
1	2	3		4		5 6		

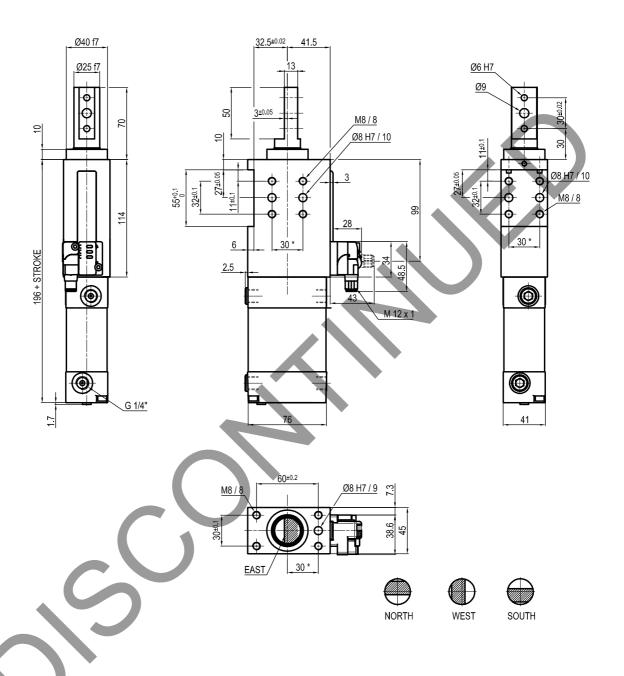
1	Series	2 Ve	ersion	3	Size
	LC = Retractable locating	g <b>P</b>	= Pneumatic-standard, single rod		<b>50</b> = Ø 50 mm
4	Strokes	5 Se	ensor	6	Rod end style
	015 = 15 mm 025 = 25 mm 040 = 40 mm 050 = 50 mm 060 = 60 mm 075* = 75 mm 100* = 100 mm 110* = 110 mm * = Electronic sensor for Oversized body	N E	<ul> <li>= Pneumatic sensor with double air supply</li> <li>= No sensor (with protection plate</li> <li>= Electronic sensor with M12 swive connector</li> </ul>		<ul> <li>A = Rod for off-set pins</li> <li>B = Rod with profiled end</li> <li>C = Rod with cross-profiled end inner Ø 16 mm</li> <li>D = Rod for off-set pins with oversized dowel holes</li> <li>E = Rod with cross-profiled end inner Ø 10 mm</li> <li>F = Rod for side mounting</li> <li>H = Rod with flat end, inner Ø 10 mm</li> <li>I = Rod with flat end, inner Ø 12 mm</li> <li>L = Rod with 12 mm hole compatible with CNOMO LCG</li> <li>M = Rod with 20 mm hole compatible</li> </ul>
7	Rod orientation		8 Rod scraper		with CNOMO LCG
	<b>E</b> = east, standard		<b>R</b> = Metallic rod scraper		
	<b>O</b> = west	D: m			

Only with A and D rod end styles

 $\mathbf{N} = \text{north}$ 

S = south





Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° + 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

Subject to technical modification without notice.

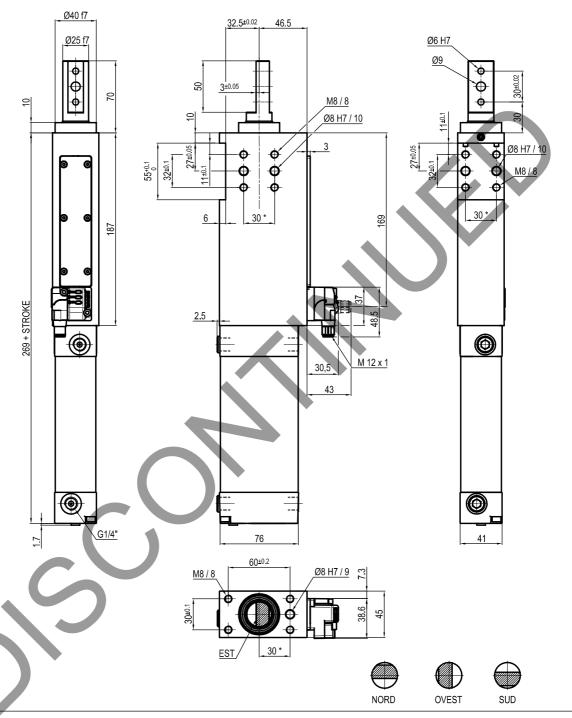
Automotive Rev. 02 11.11.15

<sup>\*:</sup> TOLERANCE BETWEEN DOWEL HOLES ± 0.02, TO SCREW HOLES ± 0.1



#### LCP50 EA R

#### UNIVERSAL Pneumatic retractable locating pin unit Strokes 75 - 100 - 110



Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	3.6 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° ÷ 45° C Strokes in mm.: 75 - 100 - 110

Strokes in IIII... 73 - 100 - 110
Electronic sensor with M12 swivel connector that can be orientated at 0°or 90°
Supply voltage: 10+30 Vdc
IP code: IP 65

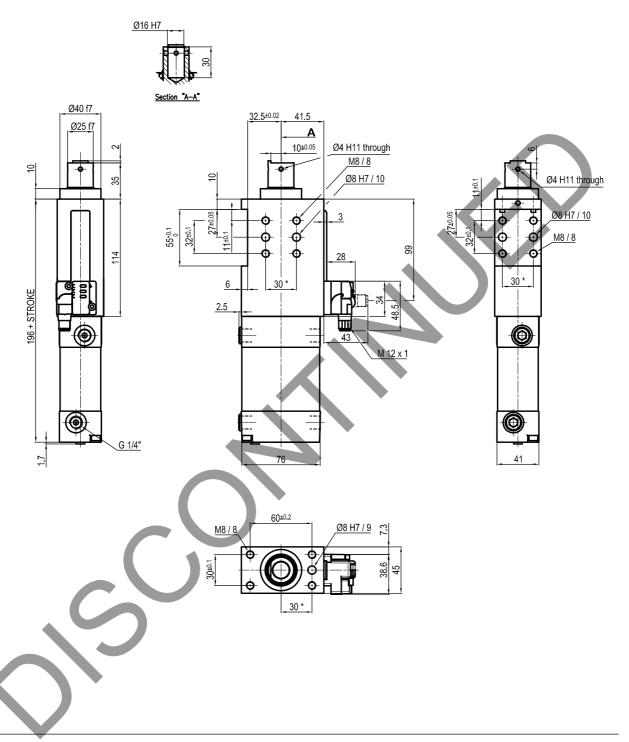
Pneumatic ports on both sides

Subject to technical modification without notice.

Automotive Rev. 01 11.11.15

<sup>\*:</sup> TOLERANCE BETWEEN DOWEL HOLES ± 0.02, TO SCREW HOLES ± 0.1





Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm +0.06°	7.5 Nm +0.03	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° + 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

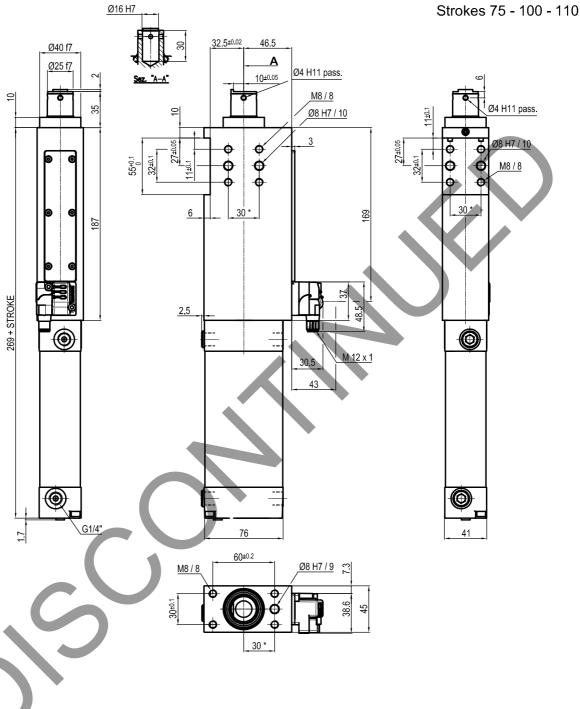
Pneumatic ports on both sides

\*: TOLERANCE BETWEEN DOWEL HOLES ± 0.02, TO SCREW HOLES ± 0.1

Subject to technical modification without notice.

Automotive Rev. 03 11.11.15





Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	3.6 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° ÷ 45° C Strokes in mm.: 75 - 100 - 110

Strokes in IIII... 73 - 100 - 110
Electronic sensor with M12 swivel connector that can be orientated at 0°or 90°
Supply voltage: 10+30 Vdc
IP code: IP 65

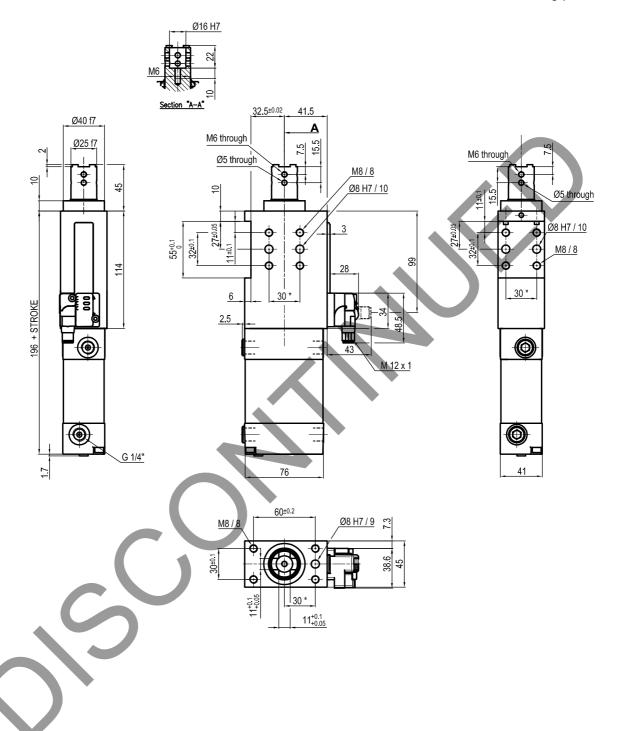
Pneumatic ports on both sides

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Automotive Rev. 01 11.11.15

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Bore Ø	Max. torque	Max. deflection moment	Weight
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Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature:  $5^{\circ} \div 45^{\circ}$  C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0°or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

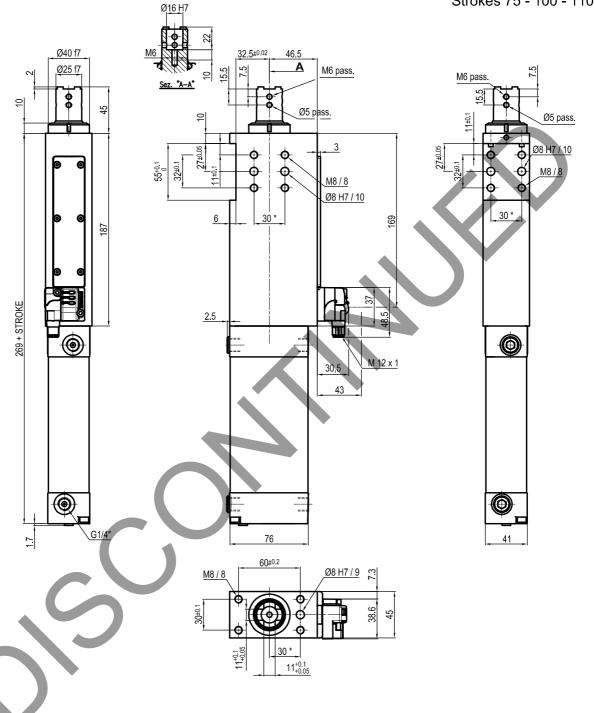
Subject to technical modification without notice.

Automotive Rev. 02 11.11.15

<sup>\*:</sup> TOLERANCE BETWEEN DOWEL HOLES ± 0.02, TO SCREW HOLES ± 0.1



#### UNIVERSAL Pneumatic retractable locating pin unit Strokes 75 - 100 - 110



Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	3.6 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa
Operating temperature: 5° ÷ 45° C
Strokes in mm:: 75 - 100 - 110
Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°
Supply voltage: 10+30 Vdc
IP code: IP 65

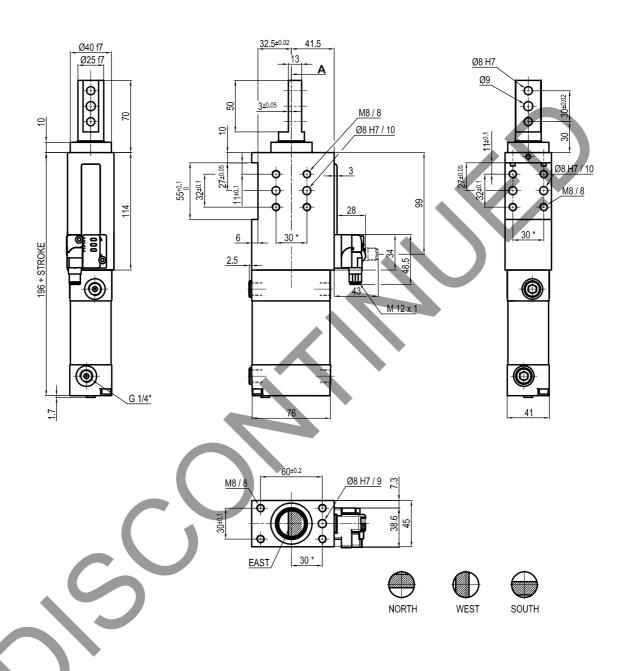
Pneumatic ports on both sides

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Subject to technical modification without notice.

Automotive Rev. 05 11.11.15





Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° + 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

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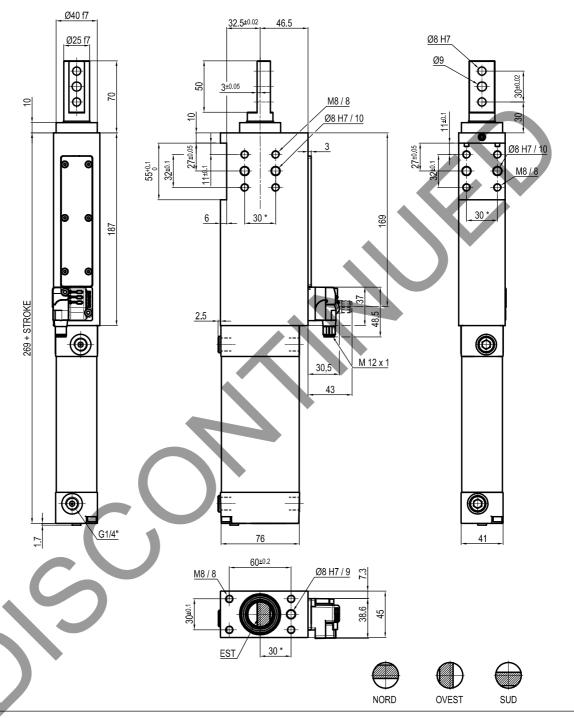
Automotive Rev. 03 11.11.15

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# LCP50\_\_\_

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Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	3.6 Kg

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Strokes in IIII... 73 - 100 - 110
Electronic sensor with M12 swivel connector that can be orientated at 0°or 90°
Supply voltage: 10+30 Vdc
IP code: IP 65

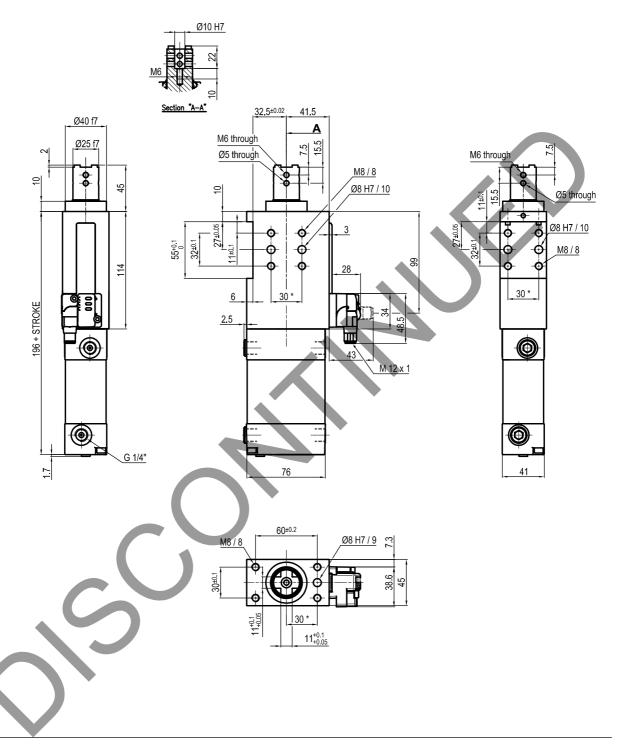
Pneumatic ports on both sides

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Automotive Rev. 01 11.11.15

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Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° ÷ 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

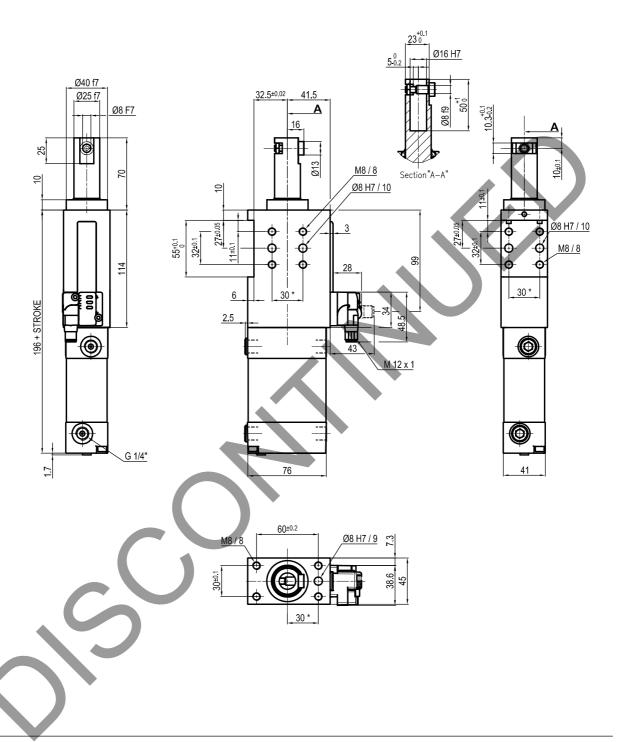
Pneumatic ports on both sides

 $^{*}$  : TOLERANCE BETWEEN DOWEL HOLES  $\pm$  0.02, TO SCREW HOLES  $\pm$  0.1

Subject to technical modification without notice.

Automotive Rev. 02 29 11 16





Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° ÷ 45° C Strokes in mm.: 15 - 20 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 V DC IP code: **IP 65** 

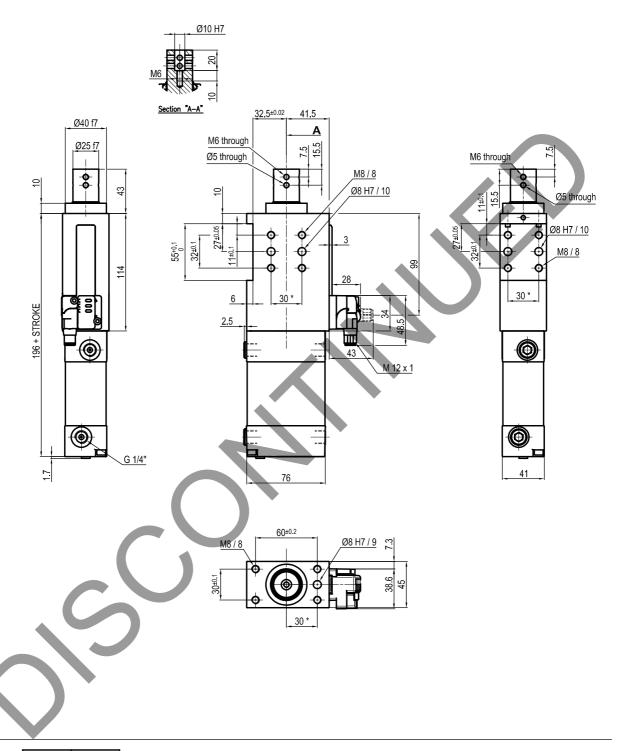
Pneumatic ports on both sides

Subject to technical modification without notice.

Automotive Rev. 02 11.11.15

<sup>\*:</sup> TOLERANCE BETWEEN DOWEL HOLES ± 0.02, TO SCREW HOLES ± 0.1





Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature: 5° ÷ 45° C Strokes in mm.: 15 - 25 - 40 - 50 - 60

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

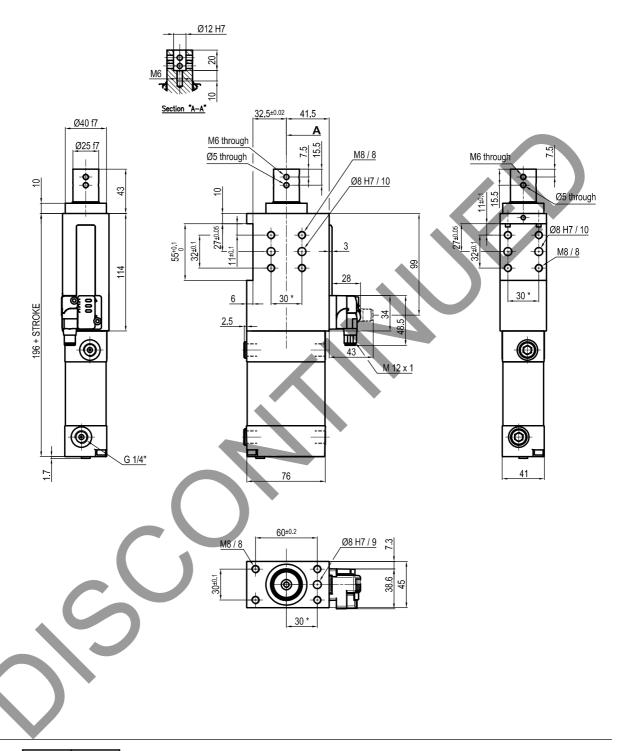
Pneumatic ports on both sides

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Automotive Rev. 02 29 11 16





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Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

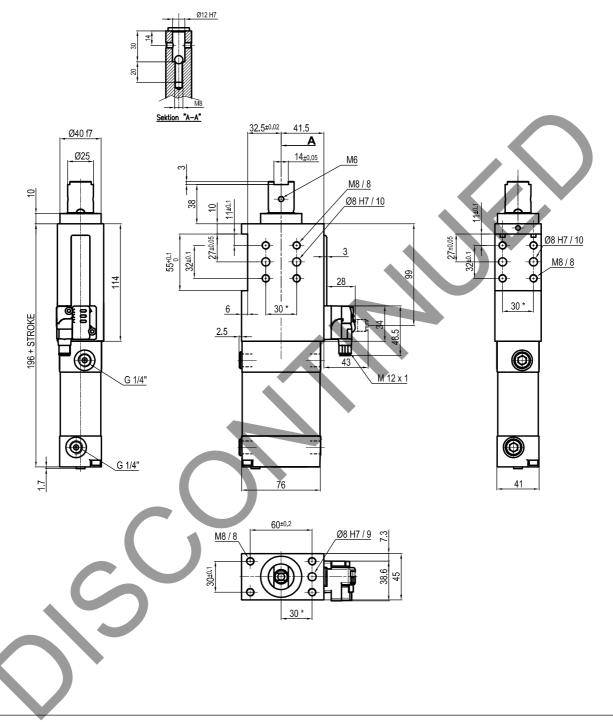
Pneumatic ports on both sides

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Subject to technical modification without notice.

Automotive Rev. 02 29.11.16





Bore Ø	Max. torque	Max. deflection moment	Weight
50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa
Operating temperature: 5° + 45° C
Strokes in mm:: 25 - 50
Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°
Supply voltage: 10+30 Vdc
IP code: IP 65

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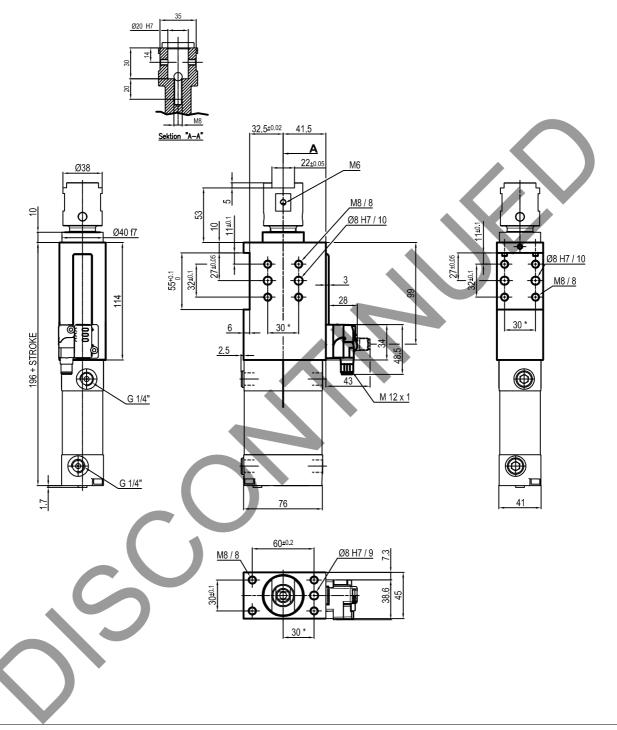
Pneumatic ports on both sides

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Automotive Rev 01 11 11 15





				_
	Bore Ø	Max. torque	Max. deflection moment	Weight
	50 mm	6 Nm ±0.06°	7.5 Nm ±0.03°	2.3 Kg

Min./max. operating pressure: 0,4 / 0,6 MPa Operating temperature:  $5^{\circ} \div 45^{\circ}$  C

Strokes in mm.: 25 - 50

Electronic sensor with M12 swivel connector that can be orientated at 0° or 90°

Supply voltage: 10÷30 Vdc IP code: **IP 65** 

Pneumatic ports on both sides

\* : TOLERANCE BETWEEN DOWEL HOLES  $\pm$  0.02, TO SCREW HOLES  $\pm$  0.1

Subject to technical modification without notice.

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