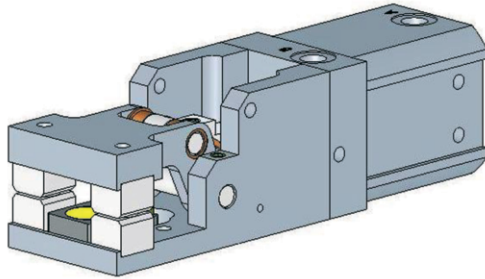


Series 84L3-2 Product Overview



Application:

Gripping, Holding, Placing, Removing and Transporting of metal sheets and other parts, mainly in jigs, press-automation and handling systems.

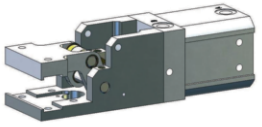
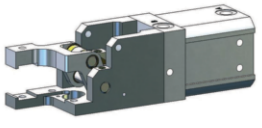
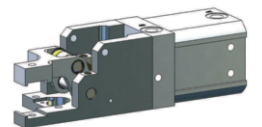
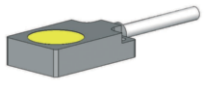

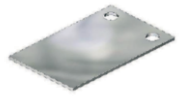
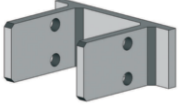


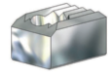

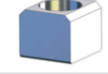
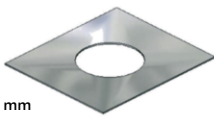
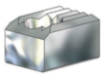





Features:

- Compact modular design
- Fast opening and closing action
- Mounting lateral and rear possible
- High clamping force
- Interchangeable in mounting dimensions with 84A3-3
- Add-on component and end position sensing available

Major spare parts

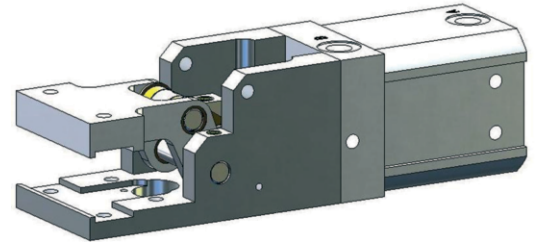
Specification	Order no. for 84A2-1
Cylinder	8PW-107-1
Seal kit	8PW-107-1-00

Order no. Example: **84L3 - 21 A8 0 AC AC**

<p>84L3-21 = Base model straight design</p>  <p>84L3-24 = Base model small, right version</p>  <p>84L3-26 = Base model small, left version</p>  <p>Base model</p>	<p>00 = without sensing system</p> <p>A8 = 8EA-092-1 Workpiece control switching distance 7mm 2m cable, open wire</p>  <p>A9 = 8EA-092-2 Workpiece control switching distance 7mm plug M12 x 1, 3 pin</p>  <p>Sensing system</p> <p>Shims for workpiece control A8 + A9 ordering-no.: 8MB-003-1 to be ordered separately</p> 	<p>0 = without adapter / accessories</p> <p>A = 8MA-006-1</p>  <p>S = 82ZB-007-1</p>  <p>X = 82ZB-033-2</p>  <p>Adapter</p>	<p>00 = without gripper teeth</p> <p>AA = 8JZ-014-3 15x21x12</p>  <p>AC = 8JZ-043-1 15x14x12</p>  <p>AG = 8JZ-050-1 15x14x12</p>  <p>Gripper teeth steel, lower</p> <p>Shims for gripper teeth ordering-no.: 8SB-003-1 to be ordered separately Dimension: 14,8 x 13 x 0,15 mm</p> 	<p>00 = without Gripper teeth / points</p> <p>AA = 8JZ-014-3 15x21x12</p>  <p>AC = 8JZ-043-1 15x14x12</p>  <p>AG = 8JZ-050-1 15x14x12</p>  <p>PA = 8MJ-1001-1</p>  <p>PB = 8MJ-1002-1</p>  <p>PC = 8MJ-1003-1</p>  <p>Gripper teeth / points steel, upper</p>
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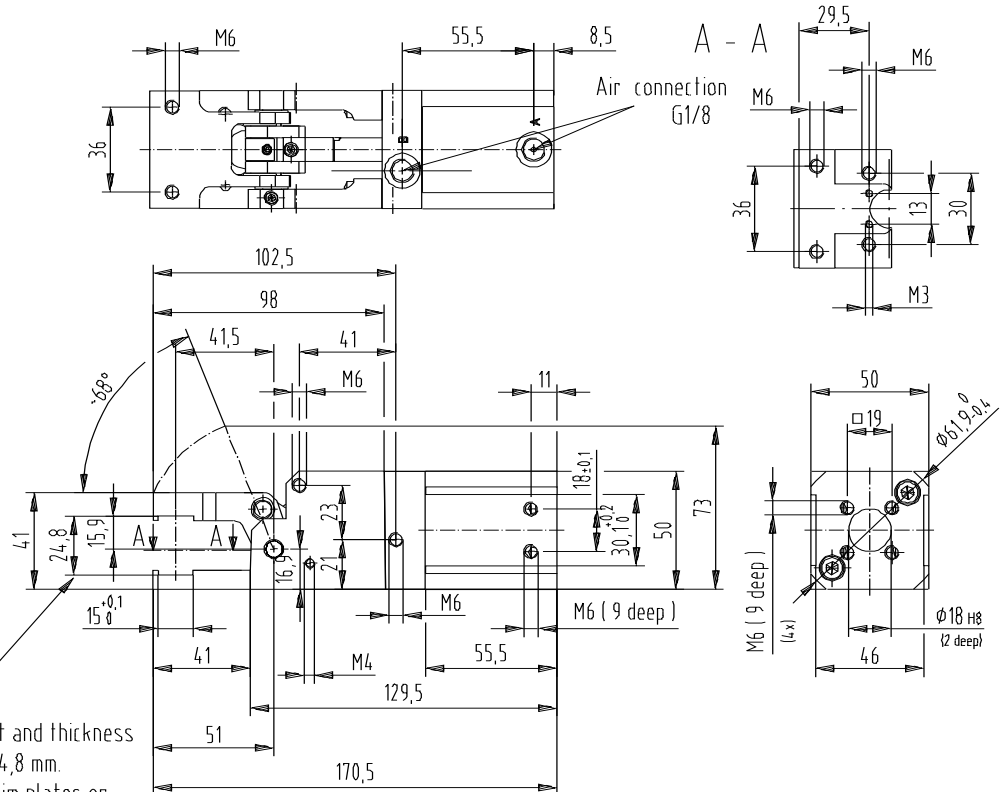
Gripper jaw, top: Gripper teeth, Gripper points, Crown teeth – Dimensions see page 17.52, 17.53, 17.54 and 17.55
Gripper jaw, bottom: Gripper teeth, Gripper points, Crown teeth – Dimensions see page 17.52, 17.53, 17.54 and 17.55
Adapters / Limit stops – Dimensions see page 17.55, 17.56 and 17.57
Sensing systems – Dimensions see page 17.58

Series 84L3-2 Technical Information



84L3-21000000

Model	Gripping force at 5 bar N [lbs]	Piston Ø mm [in]	Air consumption per double stroke at 5 bar dm³ [ft³]	Weight ~ Kg [lbs]	Min Opening time sec.	Min Closure time sec.
84L3-21...	135 [30]	32 [1.26]	0,3 [0.01]	0,8 [1.76]	0,2	0,2

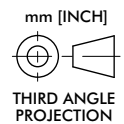


Note!
Addition of gripper teeth height and thickness of the clamped plate must be 24,8 mm.
It might be necessary to use shim plates or grind the gripper teeth.

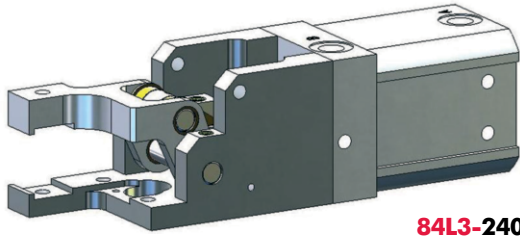
Note!
Any extension of the movable, or the fixed gripper jaws as well as the additional attachment of weights will repeal the guarantee.

Medium air, max. 6 bar
Operation with oil-free air is permissible.

Center the cyl.-air connection about 4x 90° possible.

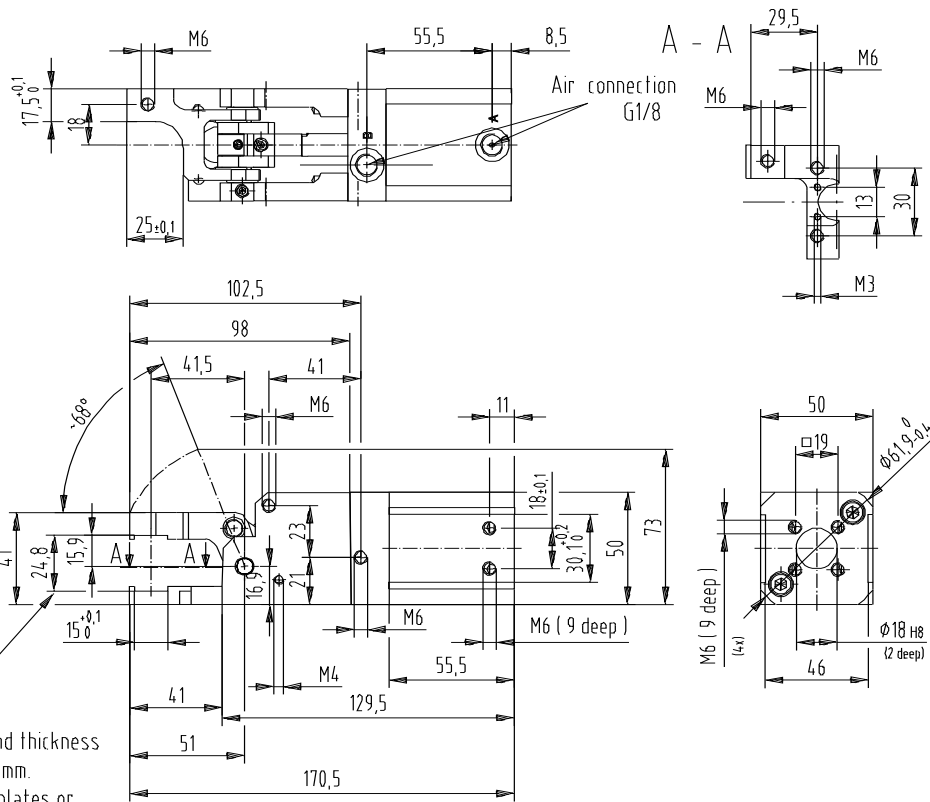


Series **84L3-2** Technical Information



84L3-24000000

Model	Gripping force at 5 bar N [lbs]	Piston Ø mm [in]	Air consumption per double stroke at 5 bar dm ³ [ft ³]	Weight ~ Kg [lbs]	Min Opening time sec.	Min Closure time sec.
84L3-24...	135 [30]	32 [1.26]	0,3 [0.01]	0,75 [1.65]	0,2	0,2

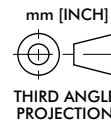


Note!
Addition of gripper teeth height and thickness of the clamped plate must be 24,8 mm.
If might be necessary to use shim plates or grind the gripper teeth.

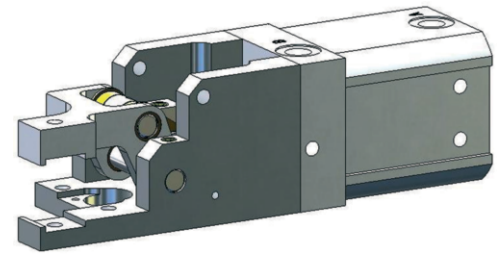
Note!
Any extension of the movable, or the fixed gripper jaws as well as the additional attachment of weights will repeal the guarantee.

Medium air, max. 6 bar
Operation with oil-free air is permissible.

Center the cyl.-air connection about 4x 90° possible.

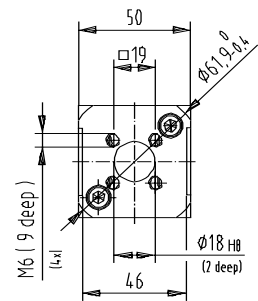
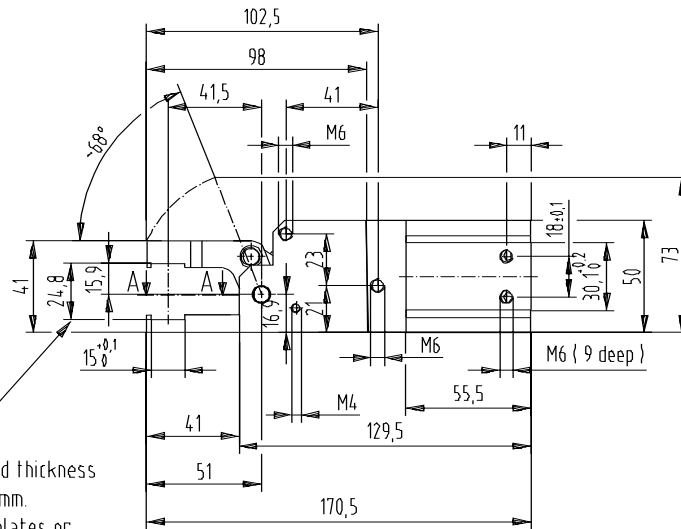
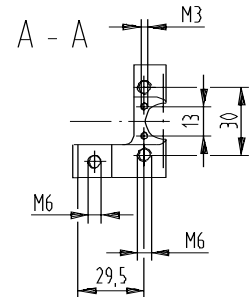
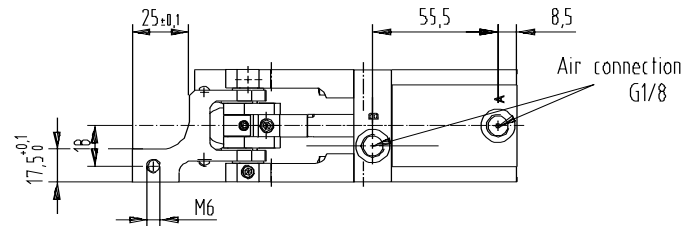


Series 84L3-2 Technical Information



84L3-26000000

Model	Gripping force at 5 bar N [lbs]	Piston Ø mm [in]	Air consumption per double stroke at 5 bar dm ³ [ft ³]	Weight ~ Kg [lbs]	Min Opening time sec.	Min Closure time sec.
84L3-26...	135 [30]	32 [1.26]	0,3 [0.01]	0,75 [1.65]	0,2	0,2



Note!
Addition of gripper teeth height and thickness of the clamped plate must be 24,8 mm.
It might be necessary to use shim plates or grind the gripper teeth.

Note!
Any extension of the movable, or the fixed gripper jaws as well as the additional attachment of weights will repeal the guarantee.

Medium air, max. 6 bar
Operation with oil-free air is permissible.

Center the cyl.-air connection about 4x 90° possible.

