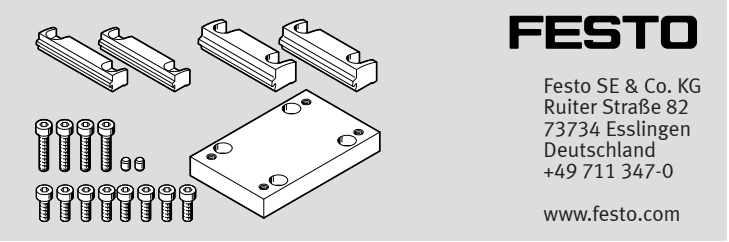


EHAA-D-L2-...-L2
Adapter kit



Assembly instructions

8172529
2022-05a
[8172531]



Translation of the original instructions

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1 Applicable documents

All available documents for the product → www.festo.com/sp.

Document	Product	Contents
Operating instructions	Base axis [7]	–
Assembly instructions	Guide unit [8]	–
Operating instructions	Actuator [9]	–

Tab. 1: Applicable documents

2 Safety

2.1 Safety instructions

- Only mount the product on components that are in a condition to be safely operated.
- Observe the tightening torques. Unless otherwise specified, the tolerance is ± 20%.

2.2 Intended use

The adapter kit attaches an actuator [9] to the slide of a base axis [7] or to the yoke plate of the guide unit [8].

EHAA-D-L2	-32-L2-32	-45-L2-45	-60-L2-60	-80-L2-80
Base axis	32	45	60	80
Actuator	25 32	32 45	45 60	60 80

Tab. 2: Overview for mounting on a base axis [7]

EHAA-D-L2	-32-L2-25	-32-L2-32	-45-L2-45
Guide unit	32	45	60
Actuator	25	32	45

Tab. 3: Overview for mounting on the guide unit [8]

3 Additional information

- Contact the regional Festo contact if you have technical problems → www.festo.com.
- Accessories → www.festo.com/catalogue.

4 Product Range Overview

4.1 Scope of delivery

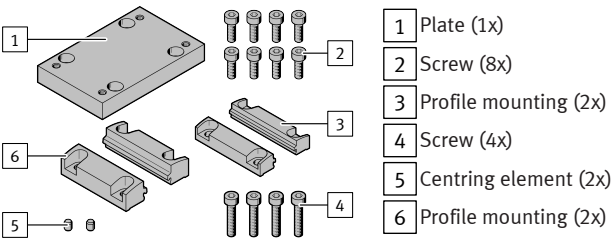


Fig.1



- Profile attachments [3] are not supplied with EHAA-D-L2-80-L2-80.
- Profile fasteners [3] and screws [4] are not supplied with EHAA-D-L2-32-L2-25.

4.2 Not in scope of delivery

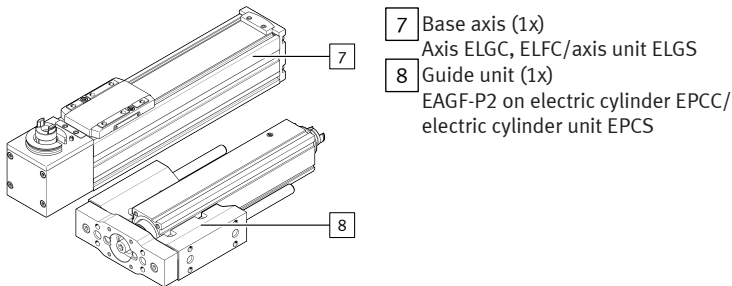


Fig.2

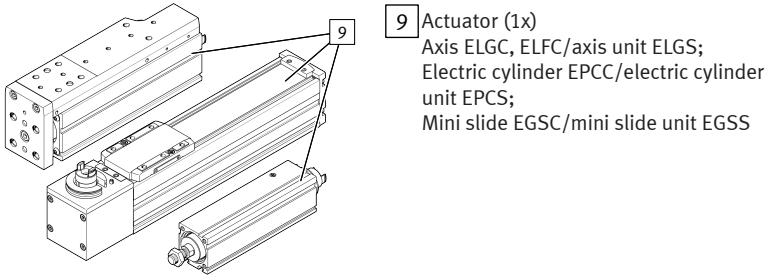


Fig.3

5 Mounting on a base axis

5.1 Preparation

1. Install a switch lug on the slide (A) before installing the adapter kit.
2. Select the appropriate profile fasteners [3]/[6] for the installed sizes.

EHAA-D-L2	-32-L2-32	-45-L2-45	-60-L2-60	-80-L2-80
Base axis	32	45	60	80
Actuator	25 32	32 45	45 60	60 80
Assembly variant	5.2 5.3	5.2 5.3	5.2 5.3	5.2 5.3
Profile mounting	[3] [6]	[3] [6]	[3] [6]	[6] [6]

Tab. 4: Overview for mounting on a base axis [7]

5.2 Mounting the actuator of the next smaller size

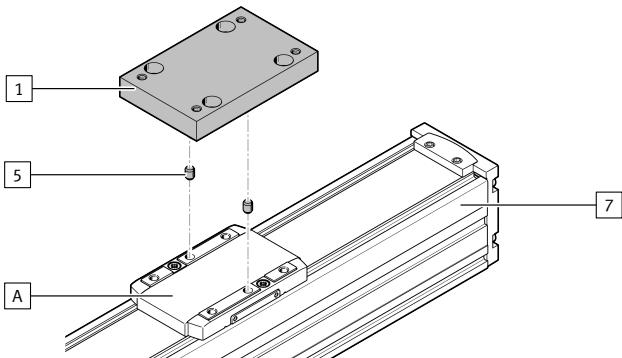


Fig.4

- Position the plate [1] with the centring elements [5] on the slide (A) of the base axis [7].

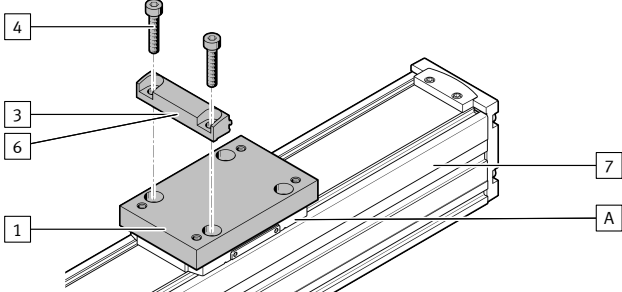


Fig.5

- Loosely attach the profile mounting [3]/[6] and plate [1] with the screws [4] to the slide (A) of the base axis [7].

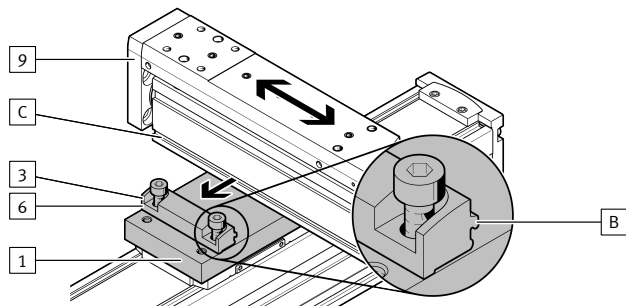


Fig.6

- Position an actuator [9] on the profile mounting [3]/[6].
↳ The lug (B) is in slot (C).

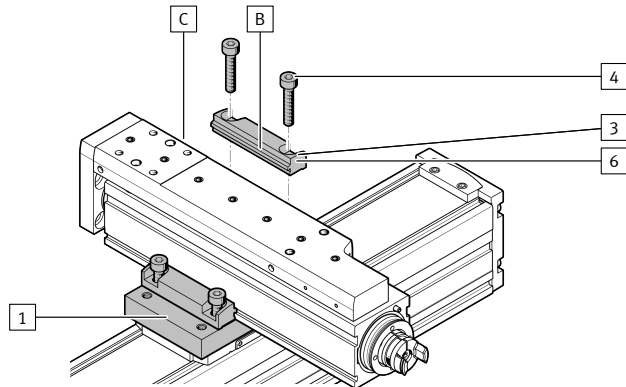


Fig.7

- Loosely attach the profile mounting [3]/[6] with the screws [4] to the plate [1].
↳ The lug (B) is in slot (C).

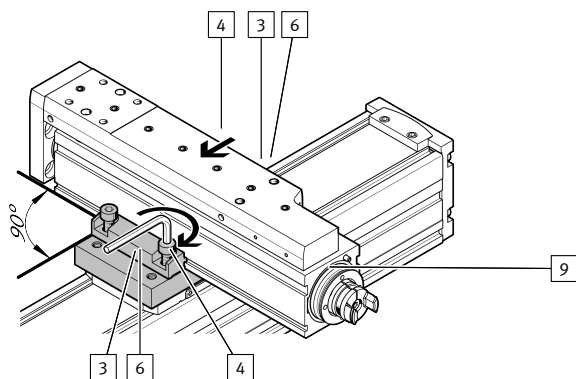


Fig.8

- Press the actuator [9] against the profile mounting [3]/[6].
↳ The actuator [9] is aligned at the right angle.
- Press the opposite profile mounting [3]/[6] against the actuator [9].
- Tighten the screws [4].

EHA-D-L2	-32-L2-32	-45-L2-45	-60-L2-60	-80-L2-80
[4] Screw	M3 x 20	M4 x 20	M5 x 25	M6 x 30
	[Nm] 1.2	2.9	5.9	8.0

Tab. 5: Screw sizes and tightening torques



8 screws and 2 profile mountings are left over.

5.3 Mounting the actuator of the same size

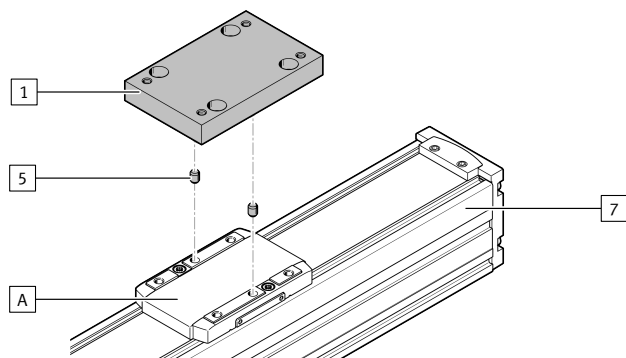


Fig.9

- Position the plate [1] with the centring elements [5] on the slide (A) of the base axis [7].

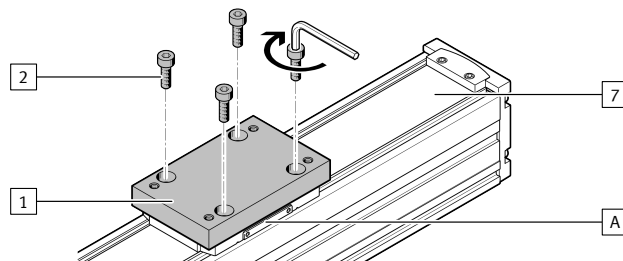


Fig.10

- Attach the plate [1] with 4 screws [2] to the slide (A) of the base axis [7].

EHA-D-L2	-32-L2-32	-45-L2-45	-60-L2-60	-80-L2-80
[2] Screw	M3 x 10	M4 x 12	M5 x 16	M6 x 16
	[Nm] 1.2	2.9	5.9	8.0

Tab. 6: Screw sizes and tightening torques

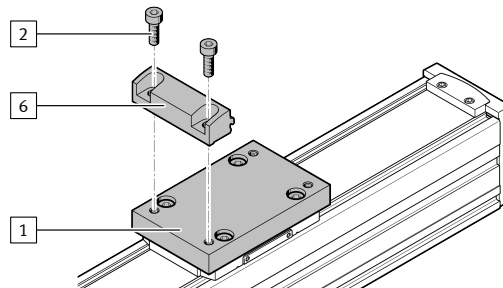


Fig.11

- Loosely attach the profile mounting [6] with 2 screws [2] to the plate [1].

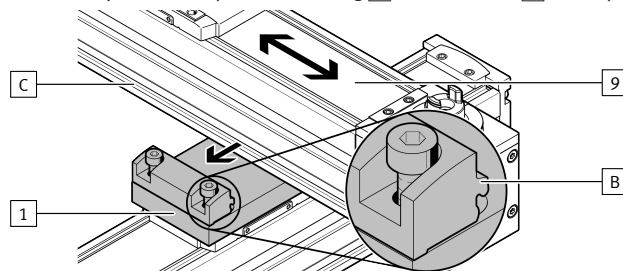


Fig.12

- Position the actuator [9] on the profile mounting [6].
↳ The lug (B) is in slot (C).

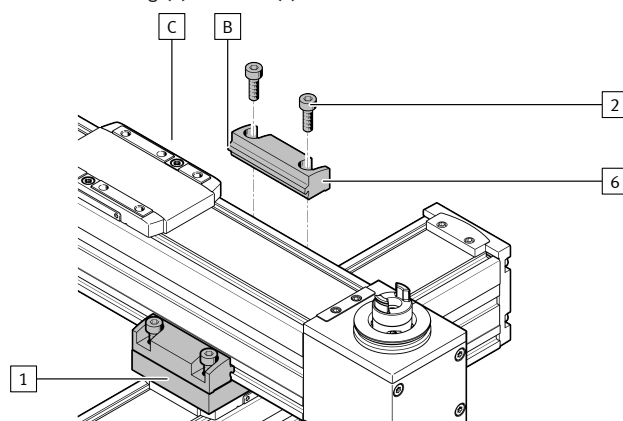


Fig.13

- Loosely attach the profile mounting [6] with 2 screws [2] to the plate [1].
↳ The lug (B) is in slot (C).

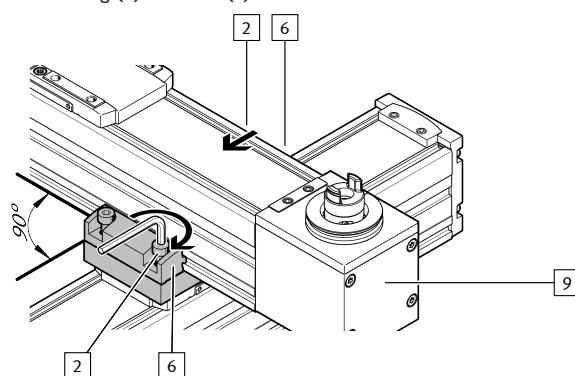


Fig.14

- Press the actuator [9] against the profile mounting [6].
↳ The actuator [9] is aligned at the right angle.

- Press the opposite profile mounting [6] against the actuator [9].
- Tighten the screws [2].

EHAA-D-L2	-32-L2-32	-45-L2-45	-60-L2-60	-80-L2-80
[2] Screw	M3 x 10	M4 x 12	M5 x 16	M6 x 16
[Nm]	1.2	2.9	5.9	8.0

Tab. 7: Screw sizes and tightening torques

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4 screws and 2 profile mountings are left over.

6 Mounting on the guide unit

6.1 Preparation

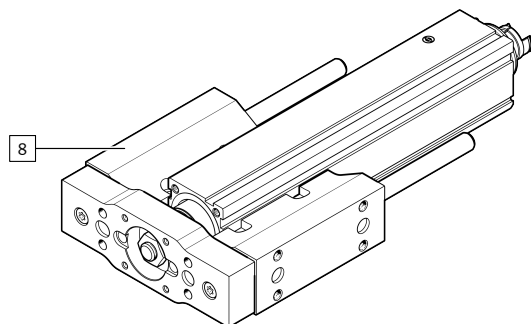


Fig.15

- Mount the guide unit [8] on the electric cylinder EPCC or the electric cylinder unit EPCS → Applicable documents.

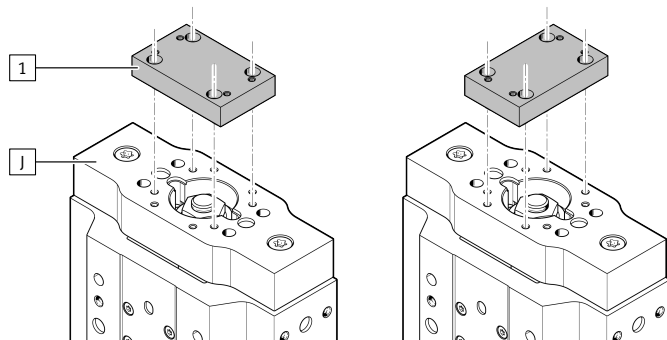


Fig.16

- Select the alignment of the plate [1].

6.2 Mounting the actuator

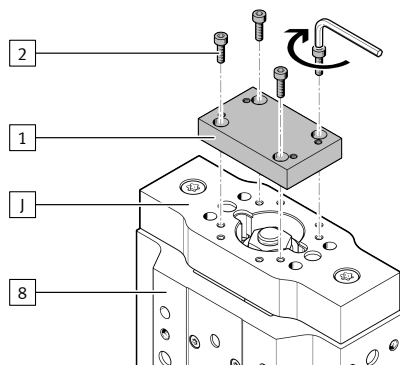


Fig.17

- Attach the plate [1] with 4 screws [2] to the yoke plate (J) of the guide unit [8].

EHAA-D-L2	-32-L2-25	-32-L2-32	-45-L2-45
[2] Screw	M3 x 10	M3 x 10	M4 x 12
[Nm]	1.2	1.2	2.9

Tab. 8: Screw sizes and tightening torques

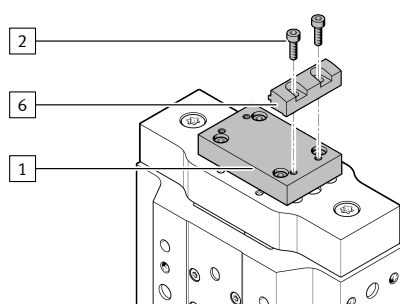


Fig.18

- Loosely attach the profile mounting [6] with 2 screws [2] to the plate [1].

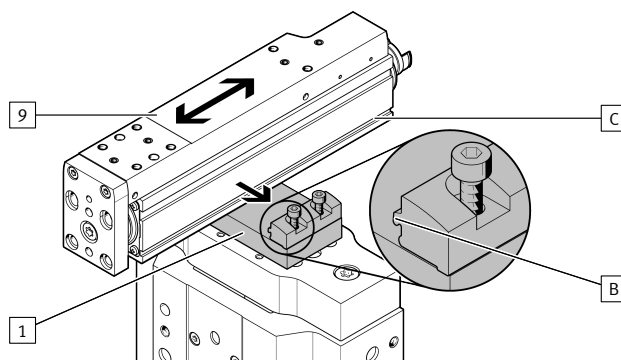


Fig.19

- Position the actuator [9] on the profile mounting [6].
↳ The lug (B) is in slot (C).

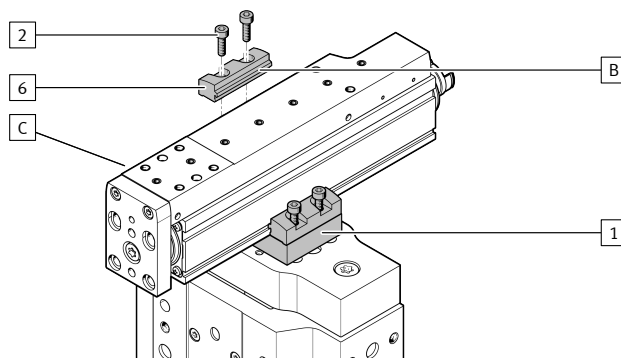


Fig.20

- Loosely attach the profile mounting [6] with 2 screws [2] to the plate [1].
↳ The lug (B) is in slot (C).

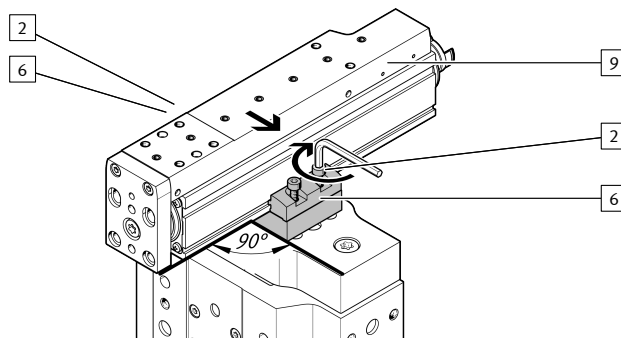


Fig.21

- Press the actuator [9] against the profile mounting [6].
↳ The actuator [9] is aligned at the right angle.
- Press the opposite profile mounting [6] against the actuator [9].
- Tighten the screws [2].

EHAA-D-L2	-32-L2-25	-32-L2-32	-45-L2-45
[2] Screw	M3 x 10	M3 x 10	M4 x 12
[Nm]	1.2	1.2	2.9

Tab. 9: Screw sizes and tightening torques

i

4 screws, 2 centring elements, 2 profile fasteners are left over.