

## Adapterbausatz HMSV – HGD/DHDS

# FESTO

Festo AG & Co. KG

Postfach  
D-73726 Esslingen  
++49/(0)711/347-0  
www.festo.com



### Info

Der Bausatz enthält alle maximal erforderlichen Befestigungselemente.

- Beachten Sie, dass bei einigen Kombinationen Befestigungselemente übrig bleiben.

Bei Linearmodul HME:

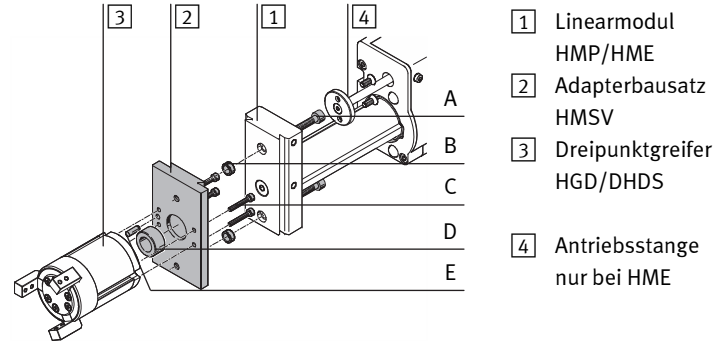
- Beachten Sie, dass bei der Montage die Antriebsstange **4** gegebenenfalls demontiert werden muss. Lesen Sie dazu die Bedienungsanleitung des Linearmoduls.

### 1. Montage

- Wählen Sie die Befestigungselemente (Schrauben, usw.) für Ihre Kombination (➔ Tabelle).
- Beachten Sie die Bildzuordnung für Ihre Kombination (➔ Tabelle).

1) Toleranzen für nicht tolerierte Anziehdrehmomente  
 $M_A > 1 \text{ Nm}$ :  $\pm 20\%$

Bild 1



- 1** Linearmodul  
HMP/HME
- 2** Adapterbausatz  
HMSV
- 3** Dreipunktgreifer  
HGD/DHDS
- 4** Antriebsstange  
nur bei HME

|  |                 |                  |    |                  |                     |
|--|-----------------|------------------|----|------------------|---------------------|
| <b>1</b> Antrieb                       | HMP-/HME-       |                  |    |                  |                     |
|  | 16              | 20               | 25 | 25               | 32                  |
| <b>2</b> Bausatz                       | HMSV-           |                  |    |                  |                     |
|  | 25              |                  |    | 26               |                     |
| <b>3</b> Greifer                       | HGD-/DHDS-      |                  |    |                  |                     |
|  | 32              |                  |    | 50               |                     |
| <b>Bild</b>                            | 1               |                  |    |                  |                     |
|  | $M_A^{2)}$ [Nm] |                  |    |                  |                     |
| <b>A Zylinderschraube nach DIN 912</b> |                 |                  |    |                  |                     |
| M5x20                                  | 6               | 2x <sup>2)</sup> |    |                  |                     |
| M5x25                                  |                 | 2x <sup>2)</sup> |    | 2x <sup>2)</sup> | 3x <sup>2)</sup>    |
| M5x30                                  |                 |                  | 2x | 2x <sup>2)</sup> | 3x <sup>2)</sup> 3x |
| <b>B Zentrierhülse</b>                 |                 |                  |    |                  |                     |
| ZBH-9                                  |                 | 2x               |    |                  | 3x                  |
| <b>C Zylinderschraube nach DIN 912</b> |                 |                  |    |                  |                     |
| M3x20                                  | 1,2             | 4x               |    |                  |                     |
| M5x25                                  | 6               |                  |    |                  | 4x                  |
| <b>D Ring</b>                          |                 |                  |    |                  |                     |
| D20                                    |                 | 1x               |    |                  |                     |
| D30                                    |                 |                  |    |                  | 1x                  |
| <b>E Zylinderstift nach DIN 6325</b>   |                 |                  |    |                  |                     |
| 4m6x12                                 |                 | 1x               |    |                  |                     |
| 5m6x12                                 |                 |                  |    |                  | 1x                  |

2) Lange Schrauben: HMP  
Kurze Schrauben: HME

## Adapter kit HMSV – HGD/DHDS

# FESTO

Festo AG & Co. KG

Postfach  
D-73726 Esslingen  
++49/(0)711/347-0  
www.festo.com

### **i** Information

The kit contains all the mounting attachments that may be required.

- Please note that mounting components may be left over with some combinations.

With linear module HME:

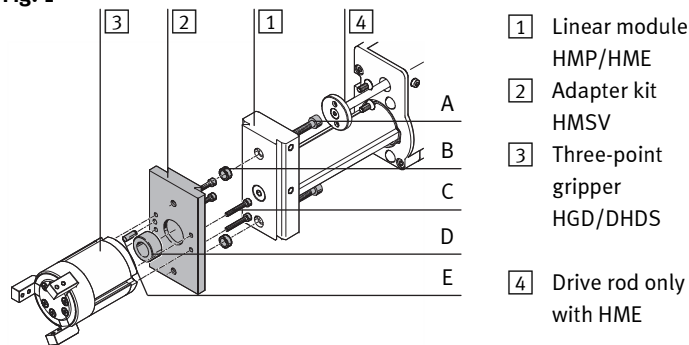
- Note that during assembly the drive rod **4** may need to be removed. Refer to the operating instructions for the linear module in this case.

### 1. Assembly

- Select the mounting components (screws etc.) for your combination (→ Table).
- Observe the reference figures/illustrations for your combination (→ Table).

1) Tolerance for non-toleranced tightening torques  
 $M_A > 1 \text{ Nm}$ :  $\pm 20\%$

Fig. 1



- 1** Linear module  
HMP/HME
- 2** Adapter kit  
HMSV
- 3** Three-point  
gripper  
HGD/DHDS
- 4** Drive rod only  
with HME

|  |                 |                  |    |                  |                     |
|--|-----------------|------------------|----|------------------|---------------------|
| <b>1</b> Drive                             | HMP-/HME-       |                  |    |                  |                     |
|  | 16              | 20               | 25 | 25               | 32                  |
| <b>2</b> Kit                               | HMSV-           |                  |    |                  |                     |
|  | 25              |                  |    | 26               |                     |
| <b>3</b> Gripper                           | HGD-/DHDS-      |                  |    |                  |                     |
|  | 32              |                  |    | 50               |                     |
| <b>Fig.</b>                                | 1               |                  |    |                  |                     |
|  | $M_A^{1)}$ [Nm] |                  |    |                  |                     |
| <b>A Socket head screw to DIN 912</b>      |                 |                  |    |                  |                     |
| M5x20                                      | 6               | 2x <sup>2)</sup> |    |                  |                     |
| M5x25                                      |                 | 2x <sup>2)</sup> |    | 2x <sup>2)</sup> | 3x <sup>2)</sup>    |
| M5x30                                      |                 |                  | 2x | 2x <sup>2)</sup> | 3x <sup>2)</sup> 3x |
| <b>B Centring sleeve</b>                   |                 |                  |    |                  |                     |
| ZBH-9                                      |                 | 2x               |    |                  | 3x                  |
| <b>C Socket head screw to DIN 912</b>      |                 |                  |    |                  |                     |
| M3x20                                      | 1.2             | 4x               |    |                  |                     |
| M5x25                                      | 6               |                  |    |                  | 4x                  |
| <b>D Ring</b>                              |                 |                  |    |                  |                     |
| D20  |                 | 1x               |    |                  |                     |
| D30  |                 |                  |    |                  | 1x                  |
| <b>E Cylindrical dowel pin to DIN 6325</b> |                 |                  |    |                  |                     |
| 4m6x12                                     |                 | 1x               |    |                  |                     |
| 5m6x12                                     |                 |                  |    |                  | 1x                  |

2) Long screws: HMP  
Short screws: HME