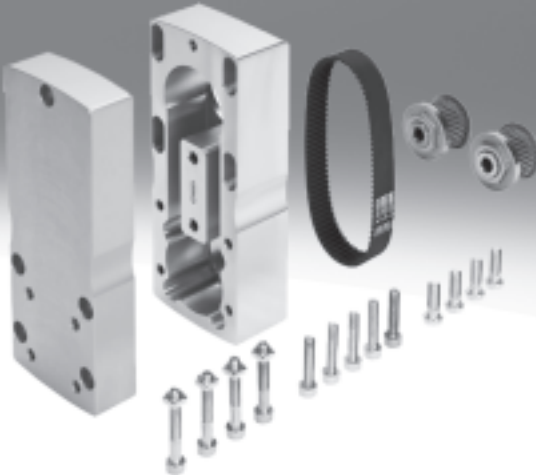


Parallel kits EAMM-U



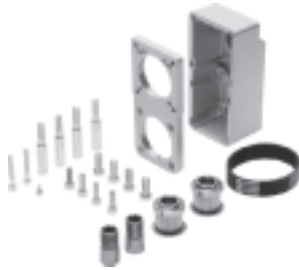
Parallel kits EAMM-U

Features

FESTO

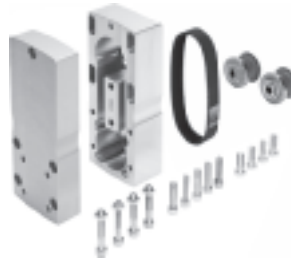
At a glance

Parallel kits EAMM-U



- Space-saving gravity die-cast housing

Parallel kits EAMM-U



- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Optionally with protection class IP65
- Use in combination with third-party motors on request

Clamping component EADT

The clamping component cannot be used in combination with this parallel kit.

Clamping component EADT

→ 28



For adjusting the toothed belt pretension with EAMM-U-110 and EAMM-U-145. The motor is pushed away from the axis mechanism by turning the clamping component secured in a hole in the housing (the motor can be moved in a slot for this purpose). This enables high toothed belt pretension forces to be generated with low torques at the clamping component.

Counter bearing EAMG

The counter bearing cannot be used in combination with this parallel kit.

Counter bearing EAMG

→ 28



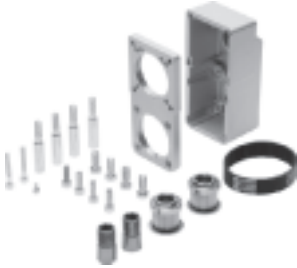
A counter bearing EAMG reduces the load on the axis or motor bearings to improve the service life under high loads. A clamping sleeve EAMH-...-P is additionally required for each counter bearing.

Parallel kits EAMM-U

Features

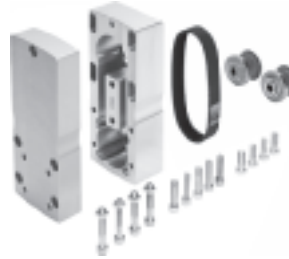
At a glance

Parallel kits EAMM-U



- Space-saving gravity die-cast housing

Parallel kits EAMM-U



- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Optionally with protection class IP65
- Use in combination with third-party motors on request

Clamping sleeve EAMH-...-P

The clamping sleeve cannot be used in combination with this parallel kit.

Clamping sleeve EAMH-...-P

→ 29



To retrofit the counter bearing, the clamping sleeve without trunnion included as standard in the parallel kit must be replaced by the clamping sleeve EAMH-...-P with integrated trunnion.

Clamping sleeve EAMH-...-

The clamping sleeve cannot be used in combination with this parallel kit.

Clamping sleeve EAMH-...

→ 30



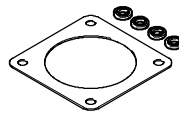
Clamping sleeves for adapting third-party motors with deviating shaft diameters on the parallel kits.

Seal set EADS-F-...

The seal set cannot be used in combination with this parallel kit.

Seal set EADS-F-...

→ 31



Spare part for sealed parallel kit EAMM-U-...-S1, between motor and kit.

Note

Depending on the combination of motor and drive, it may not be possible to reach the maximum feed force of the drives in certain circumstances.

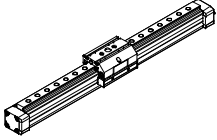
The respective no-load driving torque of the kit must be taken into consideration when using parallel kits.

PositioningDrives
sizing software
www.festo.com

Parallel kits EAMM-U

Product range overview

Permissible axis/motor combinations with spindle axis DGE-SP



Properties of the kits

- Space-saving gravity die-cast housing

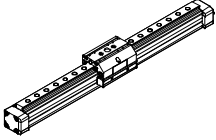


Motor	Parallel kit	
Type	Part No.	Type
DGE-25		
With servo motor		
EMMS-AS-55-...	543230	EAMM-U-E32-55A
With motor unit		
MTR-DCI-42S-...-G07	543228	EAMM-U-E32-42B
MTR-DCI-42S-...-G14	543229	EAMM-U-E32-42C
DGE-40		
With servo motor		
EMMS-AS-70-...	543234	EAMM-U-E48-70A
With motor unit		
MTR-DCI-52S-...-G7	543232	EAMM-U-E48-52B
MTR-DCI-52S-...-G14	543233	EAMM-U-E48-52C

Parallel kits EAMM-U

Product range overview

Permissible axis/motor combinations with positioning axis DMES



Properties of the kits

- Space-saving gravity die-cast housing



Motor	Parallel kit	
Type	Part No.	Type
DMES-18		
With servo motor		
EMMS-AS-40-...	543226	EAMM-U-E24-40A
With motor unit		
MTR-DCI-32S-...	543225	EAMM-U-E24-32B
DMES-25		
With servo motor		
EMMS-AS-55-...	543230	EAMM-U-E32-55A
With motor unit		
MTR-DCI-42S-...-G7	543228	EAMM-U-E32-42B
MTR-DCI-42S-...-G14	543229	EAMM-U-E32-42C
DMES-40		
With servo motor		
EMMS-AS-70-...	543234	EAMM-U-E48-70A
With motor unit		
MTR-DCI-52S-...-G7	543232	EAMM-U-E48-52B
MTR-DCI-52S-...-G14	543233	EAMM-U-E48-52C

-  - Note

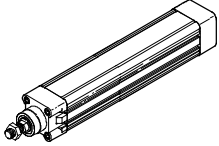
At ambient temperatures below room temperature, the frictional torques increase in the case of the DMES-...-GF (plain-bearing guide).

Parallel kits EAMM-U

Product range overview



Permissible axis/motor combinations with electric cylinder DNCE



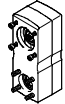
Properties of the kits

- Space-saving gravity die-cast housing



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor	Parallel kit	
Type	Part No.	Type
DNCE-32		
With servo motor		
EMMS-AS-40-...	543150	EAMM-U-D32-40A
With motor unit		
MTR-DCI-32S-...	543152	EAMM-U-D32-32B
DNCE-40		
With servo motor		
EMMS-AS-55-...	543157	EAMM-U-D40-55A
With motor unit		
MTR-DCI-42S-...-G7	543159	EAMM-U-D40-42B
MTR-DCI-42S-...-G14	543160	EAMM-U-D40-42C
DNCE-63		
With servo motor		
EMMS-AS-70-...	543165	EAMM-U-D60-70A
With motor unit		
MTR-DCI-52S-...-G7	543167	EAMM-U-D60-52B
MTR-DCI-52S-...-G14	543168	EAMM-U-D60-52C

Motor/gear unit	Parallel kit	
Type	Part No.	Type
DNCE-32		
With servo motor		
EMME-AS-40-...	2153283	EAMM-U-50-D32-40P-78
	2154009	EAMM-U-50-D32-40P-78-S1 ¹⁾
EMMS-AS-40-...	1201591	EAMM-U-50-D32-40A-78
	1202302	EAMM-U-50-D32-40A-78-S1 ¹⁾
EMMS-AS-55-...	1210126	EAMM-U-60-D32-55A-91
	1210450	EAMM-U-60-D32-55A-91-S1 ¹⁾
With stepper motor		
EMMS-ST-42-...	1201607	EAMM-U-50-D32-42A-78
	1202312	EAMM-U-50-D32-42A-78-S1 ¹⁾
EMMS-ST-57-...	1210419	EAMM-U-60-D32-57A-91
	1210453	EAMM-U-60-D32-57A-91-S1 ¹⁾
With motor unit		
MTR-DCI-32S-...	1570862	EAMM-U-50-D32-32B-78
MTR-DCI-42S-...	1577393	EAMM-U-60-D32-42B/C-91
	1577380	EAMM-U-60-D32-42B/C-91-S1 ¹⁾
With gear unit ²⁾		
EMGA-40-P-...	1577358	EAMM-U-60-D32-40G-91
EMGC-40-P-...	1577346	EAMM-U-60-D32-40G-91-S1 ¹⁾
DNCE-40		
With servo motor		
EMMS-AS-55-...	1210438	EAMM-U-60-D40-55A-91
	1210458	EAMM-U-60-D40-55A-91-S1 ¹⁾
EMMS-AS-70-...	1212826	EAMM-U-86-D40-70A-102
	1212854	EAMM-U-86-D40-70A-102-S1 ¹⁾
With stepper motor		
EMMS-ST-57-...	1210442	EAMM-U-60-D40-57A-91
	1210462	EAMM-U-60-D40-57A-91-S1 ¹⁾
EMMS-ST-87-...	1215802	EAMM-U-86-D40-87A-102
	1215814	EAMM-U-86-D40-87A-102-S1 ¹⁾
With motor unit		
MTR-DCI-42S-...	1570950	EAMM-U-60-D40-42B/C-91
	1430735	EAMM-U-60-D40-42B/C-91-S1 ¹⁾
MTR-DCI-52S-...	1537046	EAMM-U-86-D40-52B/C-102
	1537011	EAMM-U-86-D40-52B/C-102-S1 ¹⁾

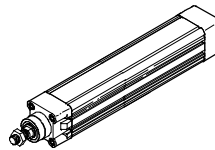
1) With protection class IP65.

2) The output torque at the gear unit output must be less than the transferable torque of the kit.

Parallel kits EAMM-U

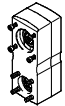
Product range overview

Permissible axis/motor combinations with electric cylinder DNCE




Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor/gear unit	Parallel kit	
Type	Part No.	Type
DNCE-40		
With gear unit ²⁾		
EMGA-40-P-...	1577165	EAMM-U-60-D40-40G-91
EMGC-40-P-...	1435968	EAMM-U-60-D40-40G-91-S1 ¹⁾
EMGA-60-P-...-SAS/ SST ³⁾	1586445	EAMM-U-86-D40-60G-102
	1586429	EAMM-U-86-D40-60G-102-S1 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1586496	EAMM-U-86-D40-60H-102
	1586372	EAMM-U-86-D40-60H-102-S1 ¹⁾
DNCE-63		
With servo motor		
EMMS-AS-70-...	1212477	EAMM-U-86-D60-70A-102
	1212835	EAMM-U-86-D60-70A-102-S1 ¹⁾
EMME-AS-80-...	2155875	EAMM-U-86-D60-80P-102
	2156527	EAMM-U-86-D60-80P-102-S1 ¹⁾
EMME-AS-100-...	1202436	EAMM-U-110-D60-100A-120
	1203112	EAMM-U-110-D60-100A-120-S1 ¹⁾
EMMS-AS-100-...	1202436	EAMM-U-110-D60-100A-120
	1203112	EAMM-U-110-D60-100A-120-S1 ¹⁾
With stepper motor		
EMMS-ST-87-...	1215784	EAMM-U-86-D60-87A-102
	1215810	EAMM-U-86-D60-87A-102-S1 ¹⁾
With motor unit		
MTR-DCI-52S-...	1537000	EAMM-U-86-D60-52B/C-102
	1431381	EAMM-U-86-D60-52B/C-102-S1 ¹⁾
MTR-DCI-62S-...	1536988	EAMM-U-110-D60-62B-120
	1431443	EAMM-U-110-D60-62B-120-S1 ¹⁾
With gear unit ²⁾		
EMGA-60-P-...-SAS/ SST ³⁾	1586347	EAMM-U-86-D60-60G-102
	1437163	EAMM-U-86-D60-60G-102-S1 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1586276	EAMM-U-86-D60-60H-102
	1530837	EAMM-U-86-D60-60H-102-S1 ¹⁾
EMGA-60-P-...-SAS/ SST ³⁾	1543240	EAMM-U-110-D60-60G-120
	1436183	EAMM-U-110-D60-60G-120-S1 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1542264	EAMM-U-110-D60-60H-120
	1530621	EAMM-U-110-D60-60H-120-S1 ¹⁾
EMGA-80-P-...	1532949	EAMM-U-110-D60-80G-120
	1530875	EAMM-U-110-D60-80G-120-S1 ¹⁾

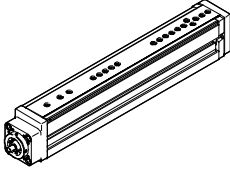
 Note
Clamping component EADT for adjusting the toothed belt pretension with EAMM-U-110 → 28

1) With protection class IP65.
2) The output torque at the gear unit output must be less than the transferable torque of the kit.
3) Gear unit drive shaft Ø: EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm

Parallel kits EAMM-U

Product range overview

Permissible axis/motor combinations with mini slide EGSL



Properties of the kits

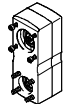
- Space-saving gravity die-cast housing



Motor	Parallel kit	
Type	Part No.	Type
EGSL-45		
With servo motor		
EMMS-AS-40-...	543150	EAMM-U-D32-40A
EGSL-55		
With servo motor		
EMMS-AS-55-...	543157	EAMM-U-D40-55A
EGSL-75		
With servo motor		
EMMS-AS-70-...	543165	EAMM-U-D60-70A

Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor/gear unit	Parallel kit	
Type	Part No.	Type
EGSL-45		
With servo motor		
EMME-AS-40-...	2153283	EAMM-U-50-D32-40P-78
EMMS-AS-40-...	1201591	EAMM-U-50-D32-40A-78
EMMS-AS-55-...	1210126	EAMM-U-60-D32-55A-91
With stepper motor		
EMMS-ST-42-...	1201607	EAMM-U-50-D32-42A-78
EMMS-ST-57-...	1210419	EAMM-U-60-D32-57A-91
With motor unit		
MTR-DCI-32S-...	1570862	EAMM-U-50-D32-32B-78
MTR-DCI-42S-...	1577393	EAMM-U-60-D32-42B/C-91
With gear unit ¹⁾		
EMGA-40-P-...	1577358	EAMM-U-60-D32-40G-91
EMGC-40-P-...	1577358	EAMM-U-60-D32-40G-91
EGSL-55		
With servo motor		
EMMS-AS-55-...	1210438	EAMM-U-60-D40-55A-91
EMMS-AS-70-...	1212826	EAMM-U-86-D40-70A-102
With stepper motor		
EMMS-ST-57-...	1210442	EAMM-U-60-D40-57A-91
EMMS-ST-87-...	1215802	EAMM-U-86-D40-87A-102
With motor unit		
MTR-DCI-42S-...	1570950	EAMM-U-60-D40-42B/C-91
MTR-DCI-52S-...	1537046	EAMM-U-86-D40-52B/C-102
With gear unit ¹⁾		
EMGA-40-P-...	1577165	EAMM-U-60-D40-40G-91
EMGC-40-P-...	1577165	EAMM-U-60-D40-40G-91
EMGA-60-P-...-SAS/ SST ²⁾	1586445	EAMM-U-86-D40-60G-102
EMGA-60-P-...-EAS, EMGC-60-P-... ²⁾	1586496	EAMM-U-86-D40-60H-102

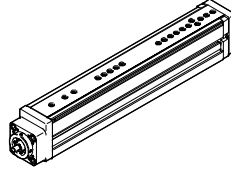
1) The output torque at the gear unit output must be less than the transferable torque of the kit.

2) Gear unit drive shaft ⌀: EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm

Parallel kits EAMM-U

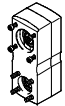
Product range overview

Permissible axis/motor combinations with mini slide EGSL



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor/gear unit	Parallel kit	
Type	Part No.	Type
EGSL-75		
With servo motor		
EMMS-AS-70-...	1212477	EAMM-U-86-D60-70A-102
EMME-AS-80-...	2155875	EAMM-U-86-D60-80P-102
EMME-AS-100-...	1202436	EAMM-U-110-D60-100A-120
EMMS-AS-100-...	1202436	EAMM-U-110-D60-100A-120
With stepper motor		
EMMS-ST-87-...	1215784	EAMM-U-86-D60-87A-102
With motor unit		
MTR-DCI-52S-...	1537000	EAMM-U-86-D60-52B/C-102
MTR-DCI-62S-...	1536988	EAMM-U-110-D60-62B-120
With gear unit ¹⁾		
EMGA-60-P-...-SAS/ SST ²⁾	1586347	EAMM-U-86-D60-60G-102
EMGA-60-P-...-EAS, EMGC-60-P-... ²⁾	1586276	EAMM-U-86-D60-60H-102
EMGA-60-P-...-SAS/ SST ²⁾	1543240	EAMM-U-110-D60-60G-120
EMGA-60-P-...-EAS, EMGC-60-P-... ²⁾	1542264	EAMM-U-110-D60-60H-120
EMGA-80-P-...	1532949	EAMM-U-110-D60-80G-120

1) The output torque at the gear unit output must be less than the transferable torque of the kit.

2) Gear unit drive shaft \varnothing : EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm



Note

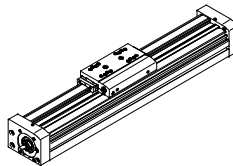
Clamping component EADT for adjusting the toothed belt pretension with EAMM-U-110 → 28

Parallel kits EAMM-U

Product range overview

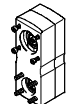


Permissible axis/motor combinations with spindle axis EGC-BS



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



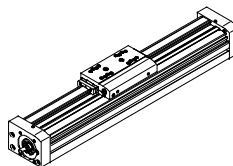
Motor	Parallel kit	
Type	Part No.	Type
EGC-70-...-BS		
With servo motor		
EMME-AS-40-...	2155239	EAMM-U-50-S38-40P-78
EMMS-AS-40-...	1217708	EAMM-U-50-S38-40A-78
EMMS-AS-55-...	1218538	EAMM-U-60-S38-55A-91
With stepper motor		
EMMS-ST-42-...	1217945	EAMM-U-50-S38-42A-78
EMMS-ST-57-...	1218568	EAMM-U-60-S38-57A-91
With gear unit ²⁾		
EMGA-40-P-...	2283732	EAMM-U-60-S38-40G-91
EMGC-40-P-...	2283732	EAMM-U-60-S38-40G-91
EGC-80-...-BS		
With servo motor		
EMMS-AS-55-...	1219370	EAMM-U-60-S48-55A-91 ¹⁾
EMMS-AS-70-...	1217689	EAMM-U-86-S48-70A-102 ¹⁾
With stepper motor		
EMMS-ST-57-...	1219379	EAMM-U-60-S48-57A-91 ¹⁾
EMMS-ST-87-...	1217604	EAMM-U-86-S48-87A-177 ¹⁾
With gear unit ²⁾		
EMGA-40-P-...	2283760	EAMM-U-60-S48-40G-91 ¹⁾
EMGC-40-P-...	2283760	EAMM-U-60-S48-40G-91 ¹⁾
EMGA-60-P-...-SAS/ SST ³⁾	1587251	EAMM-U-86-S48-60G-102 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1587338	EAMM-U-86-S48-60H-102 ¹⁾

- 1) These parallel kits include a counter bearing EAMG for supporting the axis shaft.
- 2) The output torque at the gear unit output must be less than the transferable torque of the kit.
- 3) Gear unit drive shaft \varnothing : EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm

Parallel kits EAMM-U

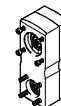
Product range overview

Permissible axis/motor combinations with spindle axis EGC-BS



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request

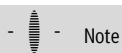


Motor	Parallel kit	
Type	Part No.	Type
EGC-120-...-BS		
With servo motor		
EMMS-AS-70-...	1217543	EAMM-U-86-S62-70A-177 ¹⁾
EMME-AS-80-...	2157004	EAMM-U-86-S62-80P-177 ¹⁾
EMME-AS-100-...	1217381	EAMM-U-110-S62-100A-207 ¹⁾
EMMS-AS-100-...	1217381	EAMM-U-110-S62-100A-207 ¹⁾
EMMS-AS-140-...	1219440	EAMM-U-145-S62-140A-288 ¹⁾
With stepper motor		
EMMS-ST-87-...	1217373	EAMM-U-86-S62-87A-177 ¹⁾
With gear unit ²⁾		
EMGA-60-P-...-SAS/ SST ³⁾	1587411	EAMM-U-86-S62-60G-177 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1587453	EAMM-U-86-S62-60H-177 ¹⁾
EGC-185-...-BS		
With servo motor		
EMME-AS-100-...	1220656	EAMM-U-110-S95-100A-207 ¹⁾
EMMS-AS-100-...	1220656	EAMM-U-110-S95-100A-207 ¹⁾
EMMS-AS-140-...	1220582	EAMM-U-145-S95-140A-288 ¹⁾
With gear unit ²⁾		
EMGA-80-P-...	1589544	EAMM-U-110-S95-80G-207 ¹⁾

1) These parallel kits include a counter bearing EAMG for supporting the axis shaft.

2) The output torque at the gear unit output must be less than the transferable torque of the kit.

3) Gear unit drive shaft \varnothing : EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm



Note

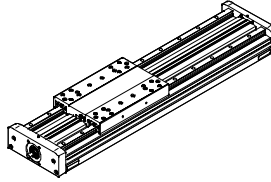
Clamping component EADT for adjusting the toothed belt pretension with EAMM-U-110 and EAMM-U-145 → 28

Parallel kits EAMM-U

Product range overview

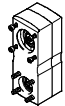
FESTO

Permissible axis/motor combinations with spindle axis EGC-HD-BS



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor	Parallel kit	
Type	Part No.	Type
EGC-HD-125		
With servo motor		
EMME-AS-40-...	2155239	EAMM-U-50-S38-40P-78
EMMS-AS-40-...	1217708	EAMM-U-50-S38-40A-78
EMMS-AS-55-...	1218538	EAMM-U-60-S38-55A-91
With stepper motor		
EMMS-ST-42-...	1217945	EAMM-U-50-S38-42A-78
EMMS-ST-57-...	1218568	EAMM-U-60-S38-57A-91
With gear unit ²⁾		
EMGA-40-P-...	2283732	EAMM-U-60-S38-40G-91
EMGC-40-P-...	2283732	EAMM-U-60-S38-40G-91
EGC-HD-160		
With servo motor		
EMMS-AS-55-...	1219370	EAMM-U-60-S48-55A-91 ¹⁾
EMMS-AS-70-...	1217689	EAMM-U-86-S48-70A-102 ¹⁾
With stepper motor		
EMMS-ST-57-...	1219379	EAMM-U-60-S48-57A-91 ¹⁾
EMMS-ST-87-...	1217604	EAMM-U-86-S48-87A-177 ¹⁾
With gear unit ²⁾		
EMGA-40-P-...	2283760	EAMM-U-60-S48-40G-91 ¹⁾
EMGC-40-P-...	2283760	EAMM-U-60-S48-40G-91 ¹⁾
EMGA-60-P-...-SAS/ SST ³⁾	1587251	EAMM-U-86-S48-60G-102 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1587338	EAMM-U-86-S48-60H-102 ¹⁾

1) These parallel kits include a counter bearing EAMG for supporting the axis shaft.

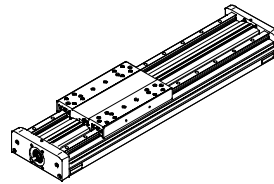
2) The output torque at the gear unit output must be less than the transferable torque of the kit.

3) Gear unit drive shaft \varnothing : EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm

Parallel kits EAMM-U

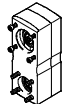
Product range overview

Permissible axis/motor combinations with spindle axis EGC-HD-BS



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor	Parallel kit	
Type	Part No.	Type
EGC-HD-220		
With servo motor		
EMMS-AS-70-...	1217543	EAMM-U-86-S62-70A-177 ¹⁾
EMME-AS-80-...	2157004	EAMM-U-86-S62-80P-177 ¹⁾
EMME-AS-100-...	1217381	EAMM-U-110-S62-100A-207 ¹⁾
EMMS-AS-100-...	1217381	EAMM-U-110-S62-100A-207 ¹⁾
EMMS-AS-140-...	1219440	EAMM-U-145-S62-140A-288 ¹⁾
With stepper motor		
EMMS-ST-87-...	1217373	EAMM-U-86-S62-87A-177 ¹⁾
With gear unit ²⁾		
EMGA-60-P-...-SAS/ SST ³⁾	1587411	EAMM-U-86-S62-60G-177 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1587453	EAMM-U-86-S62-60H-177 ¹⁾

- 1) These parallel kits include a counter bearing EAMG for supporting the axis shaft.
- 2) The output torque at the gear unit output must be less than the transferable torque of the kit.
- 3) Gear unit drive shaft \varnothing : EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm



Note

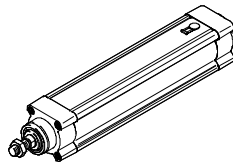
Clamping component EADT for adjusting the toothed belt pretension with EAMM-U-110 and EAMM-U-145 → 28

Parallel kits EAMM-U

Product range overview

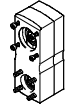
FESTO

Permissible axis/motor combinations with electric cylinder ESBF



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor	Parallel kit	
	Part No.	Type
ESBF-63		
With servo motor		
EMMS-AS-70-...	1212477	EAMM-U-86-D60-70A-102
	1212835	EAMM-U-86-D60-70A-102-S1 ¹⁾
EMME-AS-80-...	2155875	EAMM-U-86-D60-80P-102
	2156527	EAMM-U-86-D60-80P-102-S1 ¹⁾
EMME-AS-100-...	1202436	EAMM-U-110-D60-100A-120
	1203112	EAMM-U-110-D60-100A-120-S1 ¹⁾
EMMS-AS-100-...	1202436	EAMM-U-110-D60-100A-120
	1203112	EAMM-U-110-D60-100A-120-S1 ¹⁾
With stepper motor		
EMMS-ST-87-...	1215784	EAMM-U-86-D60-87A-102
With gear unit ²⁾		
EMGA-60-P-...-SAS/ SST ³⁾	1586347	EAMM-U-86-D60-60G-102
	1437163	EAMM-U-86-D60-60G-102-S1 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1586276	EAMM-U-86-D60-60H-102
	1530837	EAMM-U-86-D60-60H-102-S1 ¹⁾
EMGA-60-P-...-SAS/ SST ³⁾	1543240	EAMM-U-110-D60-60G-120
	1436183	EAMM-U-110-D60-60G-120-S1 ¹⁾
EMGA-60-P-...-EAS, EMGC-60-P-... ³⁾	1542264	EAMM-U-110-D60-60H-120
	1530621	EAMM-U-110-D60-60H-120-S1 ¹⁾
EMGA-80-P-...	1532949	EAMM-U-110-D60-80G-120
	1530875	EAMM-U-110-D60-80G-120-S1 ¹⁾

1) With protection class IP65.

2) The output torque at the gear unit output must be less than the transferable torque of the kit.

3) Gear unit drive shaft \varnothing : EMGA-60-P-...-SAS/-SST: 11 mm; EMGA-60-P-...-EAS, EMGC-60-P: 14 mm

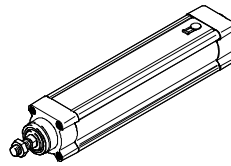
-  - Note

Clamping component EADT for adjusting the toothed belt pretension with EAMM-U-110 → 28

Parallel kits EAMM-U

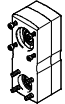
Product range overview

Permissible axis/motor combinations with electric cylinder ESBF



Properties of the kits

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Use in combination with third-party motors on request



Motor	Parallel kit	
Type	Part No.	Type
ESBF-80		
With servo motor		
EMME-AS-100-...	1465438	EAMM-U-110-D80-100A-120
	1433650	EAMM-U-110-D80-100A-120-S1 ¹⁾
EMMS-AS-100-...	1465438	EAMM-U-110-D80-100A-120
	1433650	EAMM-U-110-D80-100A-120-S1 ¹⁾
EMMS-AS-140-...	1465530	EAMM-U-145-D80-140A-188
	1433709	EAMM-U-145-D80-140A-188-S1 ¹⁾
With gear unit ²⁾		
EMGA-80-P-...	1589614	EAMM-U-110-D80-80G-120
	1589706	EAMM-U-110-D80-80G-120-S1 ¹⁾
ESBF-100		
With servo motor		
EMMS-AS-140-...	1465541	EAMM-U-145-D100-140A-188
	1433852	EAMM-U-145-D100-140A-188-S1 ¹⁾

1) With protection class IP65.

2) The output torque at the gear unit output must be less than the transferable torque of the kit.

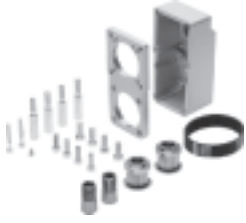
 Note

Clamping component EADT for adjusting the toothed belt pretension with EAMM-U-110 and EAMM-U-145 → 28

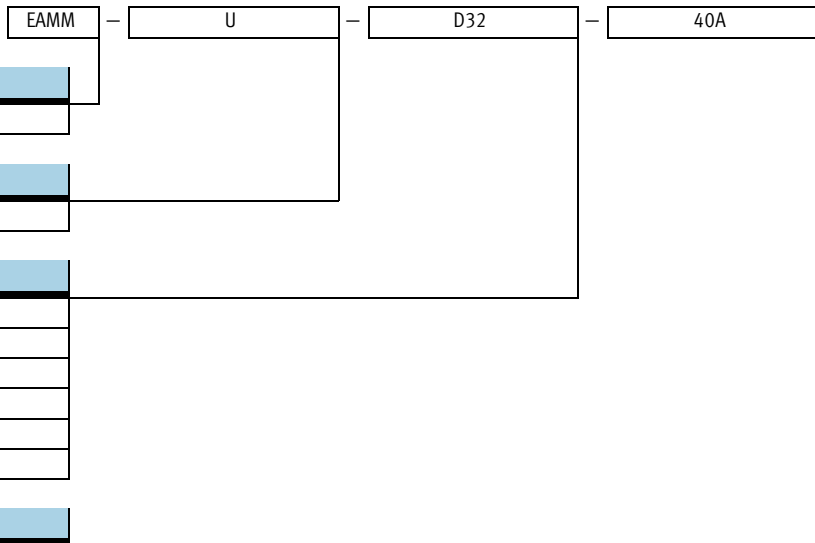
Parallel kits EAMM-U

Type codes

Properties of the kits



- Space-saving gravity die-cast housing



Type	
EAMM	Kit

Motor configuration	
U	Parallel

Axis mechanism interface	
D32	DNCE-32, EGSL-45
D40	DNCE-40, EGSL-55
D60	DNCE-63, EGSL-75
E24	DMES-18
E32	DGE-25-SP, DMES-25
E48	DGE-40-SP, DMES-40

Motor interface	
40A	Servo motor EMMS-AS-40
55A	Servo motor EMMS-AS-55
70A	Servo motor EMMS-AS-70
32B	Motor unit MTR-DCI-32S
42B	Motor unit MTR-DCI-42S-...-G7
42C	Motor unit MTR-DCI-42S-...-G14
52B	Motor unit MTR-DCI-52S-...-G7
52C	Motor unit MTR-DCI-52S-...-G14

Parallel kits EAMM-U

Type codes

Properties of the kits



- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Optionally with protection class IP65
- Use in combination with third-party motors on request

EAMM – U – 50 – D32 – 40 A – 78 –

Type

EAMM	Kit
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Motor configuration

U	Parallel
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Size

Axis mechanism interface

D32	DNCE-32, EGSL-45
D40	DNCE-40, EGSL-55
D60	DNCE-63, EGSL-75, ESBF-63
D80	ESBF-80
D100	ESBF-100
S38	EGC-70-...-BS, EGC-HD-125-...-BS
S48	EGC-80-...-BS, EGC-HD-160-...-BS
S62	EGC-120-...-BS, EGC-HD-220-...-BS
S95	EGC-185-...-BS

Motor interface

40P	Servo motor EMME-AS-40
60P	Servo motor EMME-AS-60
80P	Servo motor EMME-AS-80
40A	Servo motor EMMS-AS-40
55A	Servo motor EMMS-AS-55
70A	Servo motor EMMS-AS-70
100A	Servo motor EMME-AS-100, EMMS-AS-100
140A	Servo motor EMMS-AS-140
42A	Stepper motor EMMS-ST-42
57A	Stepper motor EMMS-ST-57
87A	Stepper motor EMMS-ST-87
32B	Motor unit MTR-DCI-32S
42B/C	Motor unit MTR-DCI-42S
52B/C	Motor unit MTR-DCI-52S
62B/C	Motor unit MTR-DCI-62S
40G	Gear unit EMGA-40
60G	Gear unit EMGA-60-P-...-SAS/SST
60H	Gear unit EMGA-60-P-...-EAS, EMGC-60-P
80G	Gear unit EMGA-80

Centre distance

Special design

S1	Protection class IP65
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Parallel kits EAMM-U

Technical data



Properties:

- Space-saving gravity die-cast housing

Materials:

Housing: Gravity die-cast aluminium
 Clamping component, clamping sleeve, toothed belt pulley: Corrosion-resistant steel
 Toothed belt: Polychloroprene
 Screws: Galvanised steel



General technical data								
Type	For axis	Transferable torque [Nm]	Mass moment of inertia [kgmm ²]	Max. rotational speed [rpm]	No-load driving torque [Nm]	Weight [g]	Protection class ¹⁾	→ Page
EAMM-U-D32-32B	DNCE	1	2.93	6 000	0.05	300	IP40	23
EAMM-U-D32-40A	DNCE, EGSL	1	2.93	6 000	0.05	300	IP40	
EAMM-U-D40-42B	DNCE	3	10.0	5 000	0.1	660	IP40	
EAMM-U-D40-42C	DNCE	3	10.0	5 000	0.1	690	IP40	
EAMM-U-D40-55A	DNCE, EGSL	3	10.0	5 000	0.1	530	IP40	
EAMM-U-D60-52B	DNCE	5.5	70.5	4 000	0.3	1,530	IP40	
EAMM-U-D60-52C	DNCE	5.5	70.5	4 000	0.3	1,630	IP40	
EAMM-U-D60-70A	DNCE, EGSL	5.5	70.5	4 000	0.3	1,170	IP40	
EAMM-U-E24-32B	DMES	1	3.02	3 000	0.05	240	IP40	22
EAMM-U-E24-40A	DMES	1	3.02	3 000	0.05	240	IP40	
EAMM-U-E32-42B	DGE-SP, DMES	3	10.2	3 000	0.1	660	IP40	
EAMM-U-E32-42C	DGE-SP, DMES	3	10.2	3 000	0.1	690	IP40	
EAMM-U-E32-55A	DGE-SP, DMES	3	10.2	3 000	0.1	540	IP40	
EAMM-U-E48-52B	DGE-SP, DMES	5.5	71.1	3 000	0.3	1,700	IP40	
EAMM-U-E48-52C	DGE-SP, DMES	5.5	71.1	3 000	0.3	1,800	IP40	
EAMM-U-E48-70A	DGE-SP, DMES	5.5	71.1	3 000	0.3	1,300	IP40	

1) Only in combination with attached motor and axis.

Operating and environmental conditions		
Ambient temperature	[°C]	0 ... +50
Storage temperature	[°C]	-25 ... +60
Relative air humidity	[%]	0 ... 95
Corrosion resistance class CRC ²⁾		1
Note on materials	Contains PWIS (paint-wetting impairment substances)	
	RoHS-compliant	

2) Corrosion resistance class 1 according to Festo standard 940 070
 Components subject to low corrosion stress. Transport and storage protection. Parts that do not have primarily decorative surface requirements, e.g. in internal areas that are not visible or behind covers.

Parallel kits EAMM-U

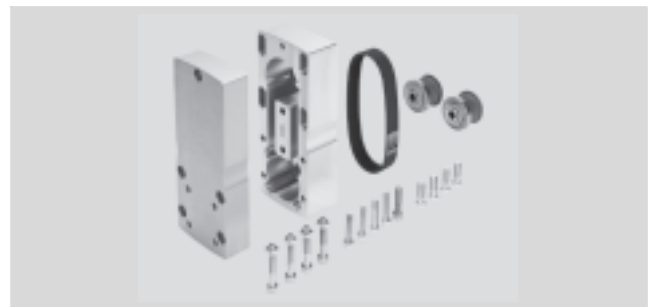
Technical data

Properties:

- Increased housing rigidity
- More flexible motor mounting possible
- Larger toothed belt bending radii for improved service life
- Optionally with protection class IP65
- Use in combination with third-party motors on request

Materials:

- Housing: Wrought aluminium alloy
 Clamping sleeve, toothed belt pulley: Corrosion-resistant steel
 Toothed belt: Polychloroprene
 Screws: Galvanised steel



General technical data													
Type	For axis	Transferable torque [Nm]	Mass moment of inertia [kgmm ²]	Max. rotational speed [rpm]	No-load driving torque [Nm]	Weight [g]	Protection class ¹⁾	→ Page					
EAMM-U-50-D32-32B-78	DNCE, EGSL	1	12.1	6 000	0.01	608	IP40	24					
EAMM-U-50-D32-40A-78	DNCE, EGSL					600	IP40						
EAMM-U-50-D32-40A-78-S1	DNCE					620	IP65						
EAMM-U-50-D32-40P-78	DNCE, EGSL					596	IP40						
EAMM-U-50-D32-40P-78-S1	DNCE					610	IP65						
EAMM-U-50-D32-42A-78	DNCE, EGSL					610	IP40						
EAMM-U-50-D32-42A-78-S1	DNCE					630	IP65						
EAMM-U-50-S38-40A-78	EGC-BS,					580	IP40		26				
EAMM-U-50-S38-40P-78	EGC-HD-BS					577	IP40						
EAMM-U-50-S38-42A-78						590	IP40						
EAMM-U-60-D32-40G-91	DNCE, EGSL	3	26.7	6 000	0.07	1 100	IP40	24					
EAMM-U-60-D32-40G-91-S1	DNCE					1 140	IP65						
EAMM-U-60-D32-42B/C-91	DNCE, EGSL					1 100	IP40						
EAMM-U-60-D32-42B/C-91-S1	DNCE					1 140	IP65						
EAMM-U-60-D32-55A-91	DNCE, EGSL					1 050	IP40						
EAMM-U-60-D32-55A-91-S1	DNCE					1 100	IP65						
EAMM-U-60-D32-57A-91	DNCE, EGSL					1 160	IP40						
EAMM-U-60-D32-57A-91-S1	DNCE					1 190	IP65						
EAMM-U-60-D40-40G-91	DNCE, EGSL					1 080	IP40						
EAMM-U-60-D40-40G-91-S1	DNCE					1 130	IP65						
EAMM-U-60-D40-42B/C-91	DNCE, EGSL					1 080	IP40						
EAMM-U-60-D40-42B/C-91-S1	DNCE					1 130	IP65						
EAMM-U-60-D40-55A-91	DNCE, EGSL					1 040	IP40						
EAMM-U-60-D40-55A-91-S1	DNCE					1 080	IP65						
EAMM-U-60-D40-57A-91	DNCE, EGSL					1 140	IP40						
EAMM-U-60-D40-57A-91-S1	DNCE					1 170	IP65						
EAMM-U-60-S38-40G-91	EGC-BS,					1 040	IP40		26				
EAMM-U-60-S38-55A-91	EGC-HD-BS					990	IP40						
EAMM-U-60-S38-57A-91						1 090	IP40						
EAMM-U-60-S48-40G-91						1 110	IP40						
EAMM-U-60-S48-55A-91						1 060	IP40						
EAMM-U-60-S48-57A-91						1 160	IP40						
EAMM-U-86-D40-52B/C-102	DNCE, EGSL					9.5	175			5 000	0.25	2 520	IP40
EAMM-U-86-D40-52B/C-102-S1	DNCE								2 540			IP65	
EAMM-U-86-D40-60G-102	DNCE, EGSL								2 480			IP40	
EAMM-U-86-D40-60G-102-S1	DNCE								2 500			IP65	
EAMM-U-86-D40-60H-102	DNCE, EGSL								2 480			IP40	
EAMM-U-86-D40-60H-102-S1	DNCE								2 500			IP65	
EAMM-U-86-D40-70A-102	DNCE, EGSL	2 450	IP40										
EAMM-U-86-D40-70A-102-S1	DNCE	2 460	IP65										

1) Only in combination with attached motor and axis.

Parallel kits EAMM-U

Technical data

General technical data										
Type	For axis	Transferable torque [Nm]	Mass moment of inertia [kgmm ²]	Max. rotational speed [rpm]	No-load driving torque [Nm]	Weight [g]	Protection class ¹⁾	→ Page		
EAMM-U-86-D40-87A-102	DNCE, EGSL	9.5	175	5 000	0.25	2 510	IP40	24		
EAMM-U-86-D40-87A-102-S1	DNCE					2 530	IP65			
EAMM-U-86-D60-52B/C-102	DNCE, EGSL, ESBF					2 520	IP40			
EAMM-U-86-D60-52B/C-102-S1	DNCE, ESBF					2 540	IP65			
EAMM-U-86-D60-60G-102	DNCE, EGSL, ESBF					2 480	IP40			
EAMM-U-86-D60-60G-102-S1	DNCE, ESBF					2 500	IP65			
EAMM-U-86-D60-60H-102	DNCE, EGSL, ESBF					2 480	IP40			
EAMM-U-86-D60-60H-102-S1	DNCE, ESBF					2 500	IP65			
EAMM-U-86-D60-70A-102	DNCE, EGSL, ESBF					2 440	IP40			
EAMM-U-86-D60-70A-102-S1	DNCE, ESBF					2 460	IP65			
EAMM-U-86-D60-80P-102	DNCE, EGSL, ESBF					2 300	IP40			
EAMM-U-86-D60-80P-102-S1	DNCE, ESBF					2 320	IP65			
EAMM-U-86-D60-87A-102	DNCE, EGSL, ESBF					2 510	IP40			
EAMM-U-86-D60-87A-102-S1	DNCE, ESBF					2 520	IP65			
EAMM-U-86-S48-60G-102	EGC-BS, EGC-HD-BS					9.5	175		5 000	0.25
EAMM-U-86-S48-60H-102		2 470	IP40							
EAMM-U-86-S48-70A-102		2 440	IP40							
EAMM-U-86-S48-87A-177		3 270	IP40							
EAMM-U-86-S62-60G-177		3 300	IP40							
EAMM-U-86-S62-60H-177		3 300	IP40							
EAMM-U-86-S62-70A-177		3 270	IP40							
EAMM-U-86-S62-80P-177		3 130	IP40							
EAMM-U-86-S62-87A-177		3 330	IP40							
EAMM-U-110-D60-60G-120		DNCE, EGSL, ESBF	25	799	5 000			0.3		
EAMM-U-110-D60-60G-120-S1	5 020					IP65				
EAMM-U-110-D60-60H-120	4 950					IP40				
EAMM-U-110-D60-60H-120-S1	5 020					IP65				
EAMM-U-110-D60-62B-120	5 230					IP40				
EAMM-U-110-D60-62B-120-S1	5 270					IP65				
EAMM-U-110-D60-80G-120	5 120					IP40				
EAMM-U-110-D60-80G-120-S1	5 180					IP65				
EAMM-U-110-D60-100A-120	4 950					IP40				
EAMM-U-110-D60-100A-120-S1	5 020					IP65				
EAMM-U-110-D80-80G-120	ESBF					5 240	IP40		27	
EAMM-U-110-D80-80G-120-S1						5 310	IP65			
EAMM-U-110-D80-100A-120						5 070	IP40			
EAMM-U-110-D80-100A-120-S1						5 140	IP65			
EAMM-U-110-S62-100A-207	EGC-BS, EGC-HD-BS					25	799		5 000	0.3
EAMM-U-110-S95-100A-207		EGC-BS	6 810	IP40						
EAMM-U-110-S95-80G-207		EGC-BS	6 940	IP40						

1) Only in combination with attached motor and axis.

Parallel kits EAMM-U

Technical data

General technical data								
Type	For axis	Transferable torque [Nm]	Mass moment of inertia [kgmm ²]	Max. rotational speed [rpm]	No-load driving torque [Nm]	Weight [g]	Protection class ¹⁾	→ Page
EAMM-U-145-D80-140A-188	ESBF	50	2 270	4 000	2.0	11 900	IP40	27
EAMM-U-145-D80-140A-188-S1						12 100	IP65	
EAMM-U-145-D100-140A-188						11 800	IP40	
EAMM-U-145-D100-140A-188-S1						11 900	IP65	
EAMM-U-145-S62-140A-288	EGC-BS, EGC-HD-BS	50	2 270	4 000	2.0	15 030	IP40	26
EAMM-U-145-S95-140A-288	EGC-BS	50	2 270	4 000	2.0	14 850	IP40	

1) Only in combination with attached motor and axis.

Operating and environmental conditions		
Ambient temperature	[°C]	-10 ... +60
Storage temperature	[°C]	-25 ... +60
Relative air humidity	[%]	0 ... 95
Corrosion resistance class CRC ²⁾		2
Note on materials		RoHS-compliant

2) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Parallel kits EAMM-U

Technical data

Dimensions and ordering data Download CAD data → www.festo.com

DGE-SP-...

Illustration:

- 1 Parallel kit
- 2 Spindle axis
- 3 Motor

DMES-...

Illustration:

- 1 Parallel kit
- 2 Positioning axis
- 3 Motor

Type	B1	H1	H2	H3	L1	L2	L3	Part No.	Type
EAMM-U-E24-32B ¹⁾	43.3	110.05	69 _{-0.1}	21.7	39	-	-	543225	EAMM-U-E24-32B
EAMM-U-E24-40A ¹⁾								543226	EAMM-U-E24-40A
EAMM-U-E32-42B	56.4	132.7	76.5 _{-0.1}	28.2	47	53.5	84	543228	EAMM-U-E32-42B
EAMM-U-E32-42C							97	543229	EAMM-U-E32-42C
EAMM-U-E32-55A							-	543230	EAMM-U-E32-55A
EAMM-U-E48-52B	85.8	189.9	107.5 _{-0.2}	42.9	58	66.5	106	543232	EAMM-U-E48-52B
EAMM-U-E48-52C							120	543233	EAMM-U-E48-52C
EAMM-U-E48-70A							-	543234	EAMM-U-E48-70A

1) Only in combination with DMES-...

Parallel kits EAMM-U

Technical data

Dimensions and ordering data Download CAD data → www.festo.com

EGSL-...

Illustration:
1 Parallel kit
2 Mini slide
3 Motor

DNCE-...

Illustration:
1 Parallel kit
2 Electric cylinder
3 Motor

- - Note
 The motor can only be mounted on the side and underneath.

Type	B1	H1	H2 ±0,1	H3	L1	L2	L3	Part No.	Type
EAMM-U-D32-32B ¹⁾	45.1	93.1	48	22.6	40	4	-	543152	EAMM-U-D32-32B
EAMM-U-D32-40A								543150	EAMM-U-D32-40A
EAMM-U-D40-42B ¹⁾	56.5	115	60	28.2	47	4	84	543159	EAMM-U-D40-42B
EAMM-U-D40-42C ¹⁾							97	543160	EAMM-U-D40-42C
EAMM-U-D40-55A							-	543157	EAMM-U-D40-55A
EAMM-U-D60-52B ¹⁾	86	162.6	82.5	42.9	58	4	106	543167	EAMM-U-D60-52B
EAMM-U-D60-52C ¹⁾							120	543168	EAMM-U-D60-52C
EAMM-U-D60-70A							-	543165	EAMM-U-D60-70A

1) Only in combination with DNCE-...

Parallel kits EAMM-U

Technical data

FESTO

Dimensions and ordering data Download CAD data → www.festo.com

EGSL-...

Illustration:

- 1 Parallel kit
- 2 Mini slide
- 3 Motor
- 4 Interface for mounting accessories

DNCE-...

Illustration:

- 1 Parallel kit
- 2 Electric cylinder
- 3 Motor
- 4 Interface for mounting accessories

Type	B1	B2	D1	H1	H2 ±1	H3	H4	L1	T1 +0,2	Part No.	Type	
EAMM-U-50-D32-32B-78	50	32.5	M6	128.8	78	22.8	32.5	45	15	1570862	EAMM-U-50-D32-32B-78	
EAMM-U-50-D32-40A-78										1201591	EAMM-U-50-D32-40A-78	
EAMM-U-50-D32-40A-78-S1										1202302	EAMM-U-50-D32-40A-78-S1	
EAMM-U-50-D32-40P-78										2153283	EAMM-U-50-D32-40P-78	
EAMM-U-50-D32-40P-78-S1										2154009	EAMM-U-50-D32-40P-78-S1	
EAMM-U-50-D32-42A-78										1201607	EAMM-U-50-D32-42A-78	
EAMM-U-50-D32-42A-78-S1										1202312	EAMM-U-50-D32-42A-78-S1	
EAMM-U-60-D32-40G-91	60	32.5	M6	157	91.5	27.5	32.5	56	15	1577358	EAMM-U-60-D32-40G-91	
EAMM-U-60-D32-40G-91-S1										1577346	EAMM-U-60-D32-40G-91-S1	
EAMM-U-60-D32-42B/C-91										1577393	EAMM-U-60-D32-42B/C-91	
EAMM-U-60-D32-42B/C-91-S1										1577380	EAMM-U-60-D32-42B/C-91-S1	
EAMM-U-60-D32-55A-91										1210126	EAMM-U-60-D32-55A-91	
EAMM-U-60-D32-55A-91-S1										1210450	EAMM-U-60-D32-55A-91-S1	
EAMM-U-60-D32-57A-91										1210419	EAMM-U-60-D32-57A-91	
EAMM-U-60-D32-57A-91-S1		1210453	EAMM-U-60-D32-57A-91-S1									
EAMM-U-60-D40-40G-91		38						38			1577165	EAMM-U-60-D40-40G-91
EAMM-U-60-D40-40G-91-S1											1435968	EAMM-U-60-D40-40G-91-S1
EAMM-U-60-D40-42B/C-91											1570950	EAMM-U-60-D40-42B/C-91
EAMM-U-60-D40-42B/C-91-S1											1430735	EAMM-U-60-D40-42B/C-91-S1
EAMM-U-60-D40-55A-91											1210438	EAMM-U-60-D40-55A-91
EAMM-U-60-D40-55A-91-S1											1210458	EAMM-U-60-D40-55A-91-S1
EAMM-U-60-D40-57A-91	1210442										EAMM-U-60-D40-57A-91	
EAMM-U-60-D40-57A-91-S1	1210462	EAMM-U-60-D40-57A-91-S1										
EAMM-U-86-D40-52B/C-102	86	38	M6	188.5	102.5	38	38	69	16	1537046	EAMM-U-86-D40-52B/C-102	
EAMM-U-86-D40-52B/C-102-S1										1537011	EAMM-U-86-D40-52B/C-102-S1	
EAMM-U-86-D40-60G-102										1586445	EAMM-U-86-D40-60G-102	
EAMM-U-86-D40-60G-102-S1										1586429	EAMM-U-86-D40-60G-102-S1	
EAMM-U-86-D40-60H-102										1586496	EAMM-U-86-D40-60H-102	
EAMM-U-86-D40-60H-102-S1										1586372	EAMM-U-86-D40-60H-102-S1	

Parallel kits EAMM-U

Technical data

Download CAD data → www.festo.com

EGSL-...

Illustration:
 1 Parallel kit
 2 Mini slide
 3 Motor
 4 Interface for mounting accessories

DNCE-...

Illustration:
 1 Parallel kit
 2 Electric cylinder
 3 Motor
 4 Interface for mounting accessories

Type	B1	B2	D1	H1	H2 ±1	H3	H4	L1	T1 +0.2	Part No.	Type
EAMM-U-86-D40-70A-102	86	38	M6	188.5	102.5	38	38	69	16	1212826	EAMM-U-86-D40-70A-102
EAMM-U-86-D40-70A-102-S1										1212854	EAMM-U-86-D40-70A-102-S1
EAMM-U-86-D40-87A-102										1215802	EAMM-U-86-D40-87A-102
EAMM-U-86-D40-87A-102-S1										1215814	EAMM-U-86-D40-87A-102-S1
EAMM-U-86-D60-52B/C-102	86	56.5	M8	188.5	102.5	38	56.5	71	16	1537000	EAMM-U-86-D60-52B/C-102
EAMM-U-86-D60-52B/C-102-S1										1431381	EAMM-U-86-D60-52B/C-102-S1
EAMM-U-86-D60-60G-102										1586347	EAMM-U-86-D60-60G-102
EAMM-U-86-D60-60G-102-S1										1437163	EAMM-U-86-D60-60G-102-S1
EAMM-U-86-D60-60H-102										1586276	EAMM-U-86-D60-60H-102
EAMM-U-86-D60-60H-102-S1										1530837	EAMM-U-86-D60-60H-102-S1
EAMM-U-86-D60-70A-102										1212477	EAMM-U-86-D60-70A-102
EAMM-U-86-D60-70A-102-S1										1212835	EAMM-U-86-D60-70A-102-S1
EAMM-U-86-D60-80P-102										2155875	EAMM-U-86-D60-80P-102
EAMM-U-86-D60-80P-102-S1										2156527	EAMM-U-86-D60-80P-102-S1
EAMM-U-86-D60-87A-102										1215784	EAMM-U-86-D60-87A-102
EAMM-U-86-D60-87A-102-S1										1215810	EAMM-U-86-D60-87A-102-S1
EAMM-U-110-D60-60G-120	110	56.5	M8	225	120	45	56.5	82	16	1543240	EAMM-U-110-D60-60G-120
EAMM-U-110-D60-60G-120-S1										1436183	EAMM-U-110-D60-60G-120-S1
EAMM-U-110-D60-60H-120										1542264	EAMM-U-110-D60-60H-120
EAMM-U-110-D60-60H-120-S1										1530621	EAMM-U-110-D60-60H-120-S1
EAMM-U-110-D60-62B-120										1536988	EAMM-U-110-D60-62B-120
EAMM-U-110-D60-62B-120-S1										1431443	EAMM-U-110-D60-62B-120-S1
EAMM-U-110-D60-80G-120										1532949	EAMM-U-110-D60-80G-120
EAMM-U-110-D60-80G-120-S1										1530875	EAMM-U-110-D60-80G-120-S1
EAMM-U-110-D60-100A-120										1202436	EAMM-U-110-D60-100A-120
EAMM-U-110-D60-100A-120-S1										1203112	EAMM-U-110-D60-100A-120-S1

Parallel kits EAMM-U

Technical data

FESTO

Dimensions and ordering data

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EGC-...-BS/EGC-HD-...-BS

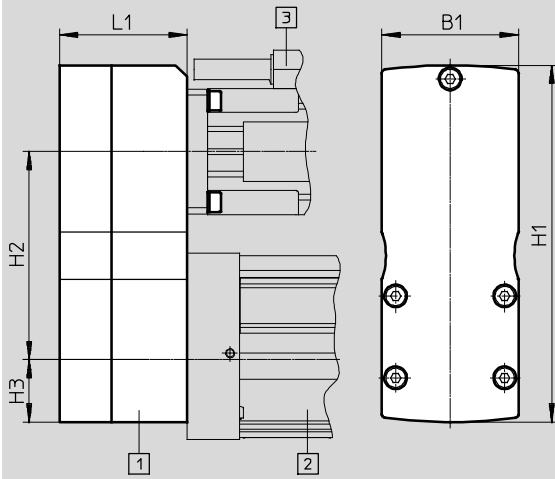


Illustration:

- 1 Parallel kit
- 2 Spindle axis
- 3 Motor

Type	B1	H1	H2 ±1	H3	L1	Part No.	Type
EAMM-U-50-S38-40A-78	50	131	78	25	43	1217708	EAMM-U-50-S38-40A-78
2155239						EAMM-U-50-S38-40P-78	
1217945						EAMM-U-50-S38-42A-78	
EAMM-U-60-S38-40G-91	60	157	91.5	27.5	53	2283732	EAMM-U-60-S38-40G-91
1218538						EAMM-U-60-S38-55A-91	
1218568						EAMM-U-60-S38-57A-91	
EAMM-U-60-S48-40G-91	60	161.5	91.5	32	54	2283760	EAMM-U-60-S48-40G-91
1219370						EAMM-U-60-S48-55A-91	
1219379						EAMM-U-60-S48-57A-91	
EAMM-U-60-S48-60G-102	86	188.5	102.5	38	67	1587251	EAMM-U-60-S48-60G-102
1587338						EAMM-U-60-S48-60H-102	
1217689						EAMM-U-86-S48-70A-102	
EAMM-U-86-S48-87A-177	86	268.5	177.5	43	67	1217604	EAMM-U-86-S48-87A-177
EAMM-U-86-S62-60G-177					1587411	EAMM-U-86-S62-60G-177	
EAMM-U-86-S62-60H-177					1587453	EAMM-U-86-S62-60H-177	
EAMM-U-86-S62-70A-177					1217543	EAMM-U-86-S62-70A-177	
EAMM-U-86-S62-80P-177					2157004	EAMM-U-86-S62-80P-177	
EAMM-U-86-S62-87A-177					1217373	EAMM-U-86-S62-87A-177	
EAMM-U-110-S62-100A-207					110	322.5	207.5
EAMM-U-110-S95-80G-207	1589544	EAMM-U-110-S95-80G-207					
EAMM-U-110-S95-100A-207	1220656	EAMM-U-110-S95-100A-207					
EAMM-U-145-S62-140A-288	145	448	288	70	99.5	1219440	EAMM-U-145-S62-140A-288
EAMM-U-145-S95-140A-288						1220582	EAMM-U-145-S95-140A-288

Parallel kits EAMM-U

Technical data

FESTO

Dimensions and ordering data

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ESBF-BS-...

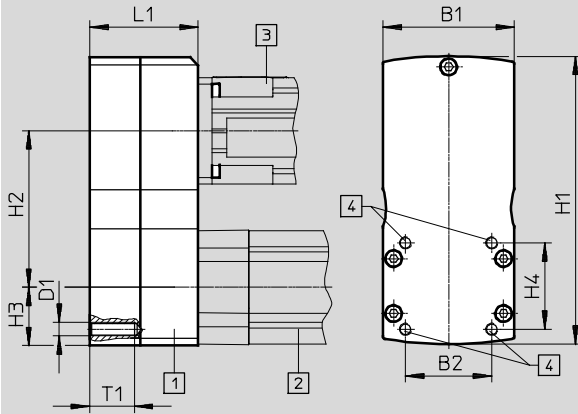


Illustration:

- 1 Parallel kit
- 2 Electric cylinder
- 3 Motor
- 4 Interface for mounting accessories

Type	B1	B2	D1	H1	H2 ±1	H3	H4	L1	T1	Part No.	Type
EAMM-U-86-D60-52B/C-102	86	56.5	M8	188.5	102.5	38	56.5	71	16	1537000	EAMM-U-86-D60-52B/C-102
EAMM-U-86-D60-52B/C-102-S1										1431381	EAMM-U-86-D60-52B/C-102-S1
EAMM-U-86-D60-60G-102										1586347	EAMM-U-86-D60-60G-102
EAMM-U-86-D60-60G-102-S1										1437163	EAMM-U-86-D60-60G-102-S1
EAMM-U-86-D60-70A-102										1212477	EAMM-U-86-D60-70A-102
EAMM-U-86-D60-70A-102-S1										1212835	EAMM-U-86-D60-70A-102-S1
EAMM-U-86-D60-80P-102										2155875	EAMM-U-86-D60-80P-102
EAMM-U-86-D60-80P-102-S1										2156527	EAMM-U-86-D60-80P-102-S1
EAMM-U-86-D60-87A-102										1215784	EAMM-U-86-D60-87A-102
EAMM-U-86-D60-87A-102-S1										1215810	EAMM-U-86-D60-87A-102-S1
EAMM-U-110-D60-60G-120	110	56.5	M8	225	120	45	56.5	82	16	1543240	EAMM-U-110-D60-60G-120
EAMM-U-110-D60-60G-120-S1										1436183	EAMM-U-110-D60-60G-120-S1
EAMM-U-110-D60-60H-120										1542264	EAMM-U-110-D60-60H-120
EAMM-U-110-D60-60H-120-S1										1530621	EAMM-U-110-D60-60H-120-S1
EAMM-U-110-D60-62B-120										1536988	EAMM-U-110-D60-62B-120
EAMM-U-110-D60-62B-120-S1										1431443	EAMM-U-110-D60-62B-120-S1
EAMM-U-110-D60-80G-120										1532949	EAMM-U-110-D60-80G-120
EAMM-U-110-D60-80G-120-S1										1530875	EAMM-U-110-D60-80G-120-S1
EAMM-U-110-D60-100A-120										1202436	EAMM-U-110-D60-100A-120
EAMM-U-110-D60-100A-120-S1										1203112	EAMM-U-110-D60-100A-120-S1
EAMM-U-110-D80-80G-120	110	72	M10	235	120	55	72	82	20.5	1589614	EAMM-U-110-D80-80G-120
EAMM-U-110-D80-80G-120-S1										1589706	EAMM-U-110-D80-80G-120-S1
EAMM-U-110-D80-100A-120										1465438	EAMM-U-110-D80-100A-120
EAMM-U-110-D80-100A-120-S1										1433650	EAMM-U-110-D80-100A-120-S1
EAMM-U-145-D80-140A-188	145	72	M10	348	188	70	72	99.5	25	1465530	EAMM-U-145-D80-140A-188
EAMM-U-145-D80-140A-188-S1		89					1433709			EAMM-U-145-D80-140A-188-S1	
EAMM-U-145-D100-140A-188							1465541			EAMM-U-145-D100-140A-188	
EAMM-U-145-D100-140A-188-S1							1433852			EAMM-U-145-D100-140A-188-S1	

Parallel kits EAMM-U

Accessories

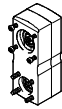
Clamping component EADT

Material:
Plastic
RoHS-compliant

This enables high toothed belt pretension forces to be generated with low torques at the clamping component.

For adjusting the toothed belt pretension with EAMM-U-110 and EAMM-U-145. The motor is pushed away from the axis mechanism by turning the clamping component secured in a hole in the housing (the motor can be moved in a slot for this purpose).

Can only be used in combination with a parallel kit as per the illustrations (→ page 3 ... 10).



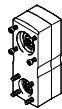
Ordering data				
Type	Ambient temperature [°C]	Weight [g]	Part No.	Type
EADT-E-U1-110	-10 ... +60	9	1461069	EADT-E-U1-110

Counter bearing EAMG

Material:
Wrought aluminium alloy
RoHS-compliant

Can only be used in combination with a parallel kit as per the illustrations (→ page 3 ... 10).

A counter bearing EAMG reduces the load on the axis or motor bearings to improve the service life under high loads. A clamping sleeve EAMH-...-P is additionally required for each counter bearing.



Ordering data						
Type	For size	Max. rotational speed [rpm]	Ambient temperature [°C]	Weight [g]	Part No.	Type
EAMG-U1-50	50	6 000	-10 ... +60	20	1354281	EAMG-U1-50
EAMG-U1-60	60	6 000		35	1354282	EAMG-U1-60
EAMG-U1-86	86	5 000		83	1354283	EAMG-U1-86
EAMG-U1-110	110	5 000		169	1354284	EAMG-U1-110
EAMG-U1-145	145	4 000		186	1354285	EAMG-U1-145

Parallel kits EAMM-U

Accessories

FESTO

Clamping sleeve EAMH-...-P with trunnion

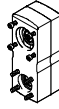
Material:

Corrosion-resistant steel

RoHS-compliant

To retrofit the counter bearing, the clamping sleeve without trunnion included as standard in the parallel kit must be replaced by the clamping sleeve EAMH-...-P with integrated trunnion. The appropriate clamping sleeve size for the counter bearing is determined by the size of the parallel kit.

Can only be used in combination with a parallel kit as per the illustrations (→ page 3 ... 10).



Ordering data								
Type	For size	For shaft Ø, motor/axis Ø h7 ... k7	Max. rotational speed [rpm]	Mass moment of inertia [kg mm ²]	Ambient temperature [°C]	Weight [g]	Part No.	Type
EAMH-50-5-C13.6-P	50	5	6 000	0.39	-10 ... +60	20	1354092	EAMH-50-5-C13.6-P
EAMH-50-6-C13.6-P	50	6	6 000	0.38		19	1354093	EAMH-50-6-C13.6-P
EAMH-50-8-C13.6-P	50	8	6 000	0.35		16	1354094	EAMH-50-8-C13.6-P
EAMH-60-6-C18.1-P	60	6	6 000	1.57		44	1354095	EAMH-60-6-C18.1-P
EAMH-60-6.35-C18.1-P	60	6.35	6 000	1.56		43	1354096	EAMH-60-6.35-C18.1-P
EAMH-60-8-C18.1-P	60	8	6 000	1.53		41	1354097	EAMH-60-8-C18.1-P
EAMH-60-9-C18.1-P	60	9	6 000	1.5		39	1354098	EAMH-60-9-C18.1-P
EAMH-60-10-C18.1-P	60	10	6 000	1.4		38	1545242	EAMH-60-10-C18.1-P
EAMH-60-12-C18.1-P	60	12	6 000	1.3		32	1354099	EAMH-60-12-C18.1-P
EAMH-86-8-C27.3-P	86	8	5 000	10.3		128	1354100	EAMH-86-8-C27.3-P
EAMH-86-11-C27.3-P	86	11	5 000	10.1		119	1354101	EAMH-86-11-C27.3-P
EAMH-86-12-C27.3-P	86	12	5 000	10		115	1354102	EAMH-86-12-C27.3-P
EAMH-86-14-C27.3-P	86	14	5 000	8.74		103	1459337	EAMH-86-14-C27.3-P
EAMH-86-16-C27.3-P	86	16	5 000	8.3		95	2430402	EAMH-86-16-C27.3-P
EAMH-86-19-C27.3-P	86	19	5 000	7.1		78	2406019	EAMH-86-19-C27.3-P
EAMH-110-11-C34-P	110	11	5 000	33.2		270	1545245	EAMH-110-11-C34-P
EAMH-110-12-C34-P	110	12	5 000	36.3		278	1354103	EAMH-110-12-C34-P
EAMH-110-14-C34-P	110	14	5 000	35.8		267	1354104	EAMH-110-14-C34-P
EAMH-110-16-C34-P	110	16	5 000	35.1		254	1354105	EAMH-110-16-C34-P
EAMH-110-19-C34-P	110	19	5 000	33.3		230	1354106	EAMH-110-19-C34-P
EAMH-110-20-C34-P	110	20	5 000	30.2	217	1545246	EAMH-110-20-C34-P	
EAMH-110-22-C34-P	110	22	5 000	28.3	200	2430414	EAMH-110-22-C34-P	
EAMH-110-25-C34-P	110	25	5 000	25.8	170	1354107	EAMH-110-25-C34-P	
EAMH-145-12-C34-P	145	12	4 000	43.9	338	1354108	EAMH-145-12-C34-P	
EAMH-145-19-C34-P	145	19	4 000	38	281	1459342	EAMH-145-19-C34-P	
EAMH-145-24-C34-P	145	24	4 000	34	229	1354109	EAMH-145-24-C34-P	
EAMH-145-25-C34-P	145	25	4 000	32.1	217	1354110	EAMH-145-25-C34-P	

Parallel kits EAMM-U

Accessories



Clamping sleeve EAMH without trunnion

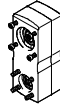
Material:

Corrosion-resistant steel

RoHS-compliant

Clamping sleeves for adapting third-party motors with deviating shaft diameters on the parallel kits.

Can only be used in combination with a parallel kit as per the illustrations (→ page 3 ... 10).



Ordering data								
Type	For size	For shaft Ø, motor/axis Ø h7 ... k7	Max. rotational speed [rpm]	Mass moment of inertia [kg mm ²]	Ambient temperature [°C]	Weight [g]	Part No.	Type
EAMH-50-5-C13.6	50	5	6 000	0.44	-10 ... +60	19	2428478	EAMH-50-5-C13.6
EAMH-50-6-C13.6	50	6	6 000	0.43		19	2428479	EAMH-50-6-C13.6
EAMH-50-8-C13.6	50	8	6 000	0.40		16	2428480	EAMH-50-8-C13.6
EAMH-60-6-C18.1	60	6	6 000	1.46		36	2428515	EAMH-60-6-C18.1
EAMH-60-6.35-C18.1	60	6.35	6 000	1.46		36	2428516	EAMH-60-6.35-C18.1
EAMH-60-8-C18.1	60	8	6 000	1.44		34	2428517	EAMH-60-8-C18.1
EAMH-60-9-C18.1	60	9	6 000	1.42		32	2428518	EAMH-60-9-C18.1
EAMH-60-10-C18.1	60	10	6 000	1.38		30	2428519	EAMH-60-10-C18.1
EAMH-60-12-C18.1	60	12	6 000	1.22		26	2428520	EAMH-60-12-C18.1
EAMH-86-8-C27.3	86	8	5 000	10.3		119	2429531	EAMH-86-8-C27.3
EAMH-86-11-C27.3	86	11	5 000	10.2		112	2429532	EAMH-86-11-C27.3
EAMH-86-12-C27.3	86	12	5 000	10.1		109	2429533	EAMH-86-12-C27.3
EAMH-86-14-C27.3	86	14	5 000	9.9		102	2429534	EAMH-86-14-C27.3
EAMH-86-16-C27.3	86	16	5 000	9.5		94	2430397	EAMH-86-16-C27.3
EAMH-86-19-C27.3	86	19	5 000	8.2		76	2429535	EAMH-86-19-C27.3
EAMH-110-11-C34	110	11	5 000	32.2		233	2429555	EAMH-110-11-C34
EAMH-110-12-C34	110	12	5 000	32.1		229	2429556	EAMH-110-12-C34
EAMH-110-14-C34	110	14	5 000	31.8		219	2429557	EAMH-110-14-C34
EAMH-110-16-C34	110	16	5 000	31.2		208	2429558	EAMH-110-16-C34
EAMH-110-19-C34	110	19	5 000	29.9		188	2429559	EAMH-110-19-C34
EAMH-110-20-C34	110	20	5 000	29.2		180	2429560	EAMH-110-20-C34
EAMH-110-22-C34	110	22	5 000	27.3		162	2430411	EAMH-110-22-C34
EAMH-110-25-C34	110	25	5 000	23.4		133	2429561	EAMH-110-25-C34
EAMH-145-12-C34	145	12	4 000	38.1		274	2429590	EAMH-145-12-C34
EAMH-145-19-C34	145	19	4 000	35.5		227	2429591	EAMH-145-19-C34
EAMH-145-24-C34	145	24	4 000	30.0	177	2429592	EAMH-145-24-C34	
EAMH-145-25-C34	145	25	4 000	28.1	165	2429593	EAMH-145-25-C34	

Parallel kits EAMM-U

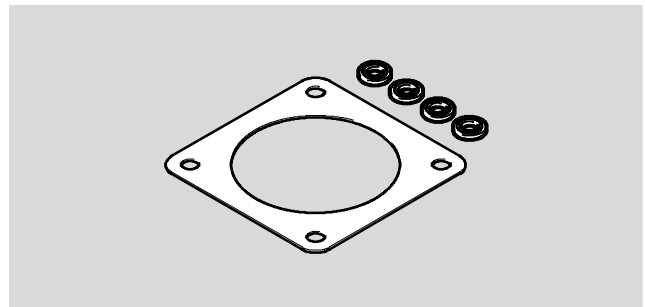
Accessories

FESTO

Seal set

RoHS-compliant

Spare part for protection to IP65. Seal between motor and parallel kit.



Ordering data				
Type	For parallel kit	Ambient temperature [°C]	Part No.	Type
EADS-F-40A	EAMM-U-50-D32-40A-78-S1	-25 ... +60	2481474	EADS-F-40A
EADS-F-40P	EAMM-U-50-D32-40P-78-S1		2481475	EADS-F-40P
EADS-F-42A	EAMM-U-50-D32-42A-78-S1		2481476	EADS-F-42A
EADS-F-55A	EAMM-U-60-D32-55A-91-S1		2481477	EADS-F-55A
	EAMM-U-60-D40-55A-91-S1			
EADS-F-57A	EAMM-U-60-D32-57A-91-S1		2481478	EADS-F-57A
	EAMM-U-60-D40-57A-91-S1			
EADS-F-70A	EAMM-U-86-D40-70A-102-S1		2481480	EADS-F-70A
	EAMM-U-86-D60-70A-102-S1			
EADS-F-80P	EAMM-U-86-D60-80P-102-S1		2481481	EADS-F-80P
EADS-F-87A	EAMM-U-86-D40-87A-102-S1		2481482	EADS-F-87A
	EAMM-U-86-D60-87A-102-S1			
EADS-F-100A	EAMM-U-110-D60-100A-120-S1		2481483	EADS-F-100A
	EAMM-U-110-D80-100A-120-S1			
EADS-F-140A	EAMM-U-145-D80-140A-188-S1	2481484	EADS-F-140A	
	EAMM-U-145-D100-140A-188-S1			