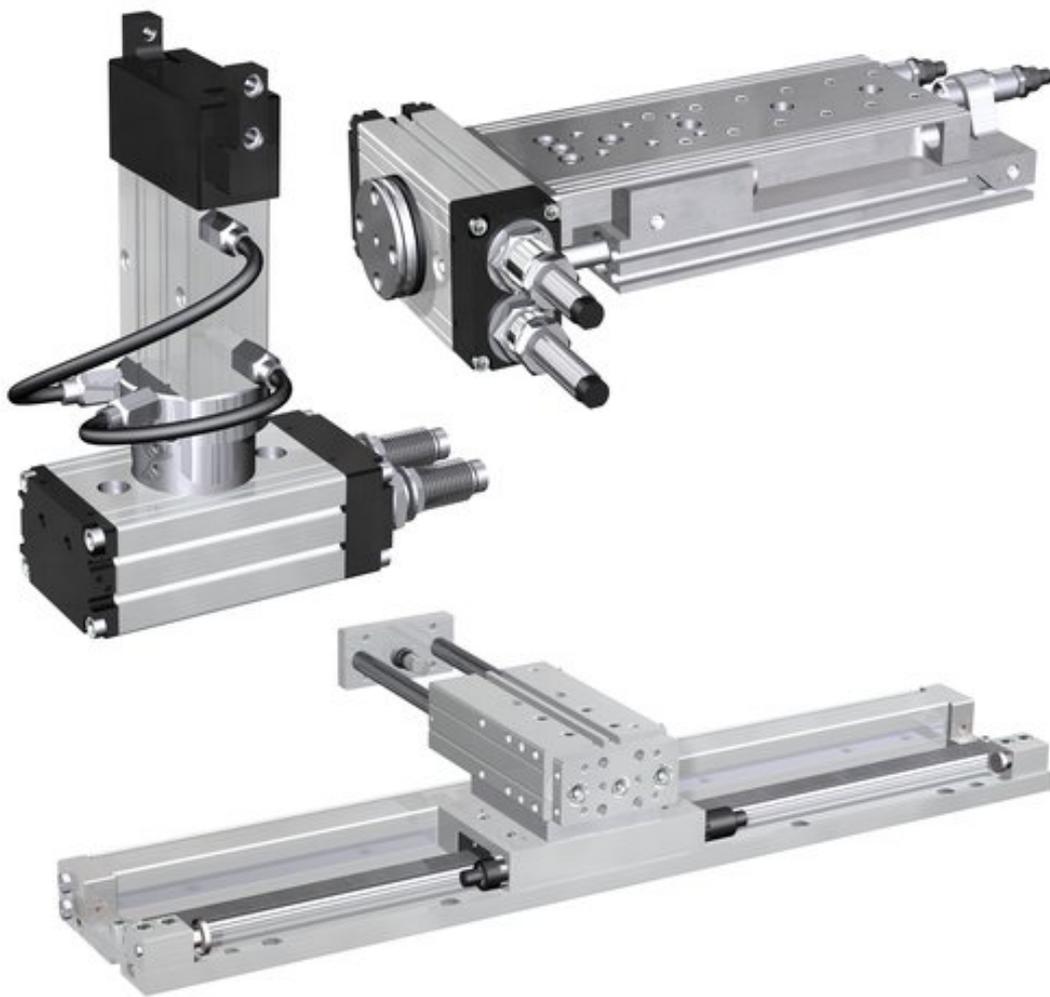


Easy2Combine



AVENTICS™ Easy2Combine



Easy2Combine, Connection kit

- For combination: RTC-HD / RTC-CG
- Mounting plate



Weight 1.2 kg

Technical data

Part No.	Easy2Combine basic
R402003944	RTC-HD 25, RTC-HD 32, RTC-HD 40, RTC-HD 50, RTC-HD 63

Part No.	Easy2Combine add-on part
R402003944	RTC-CG 25, RTC-CG 32

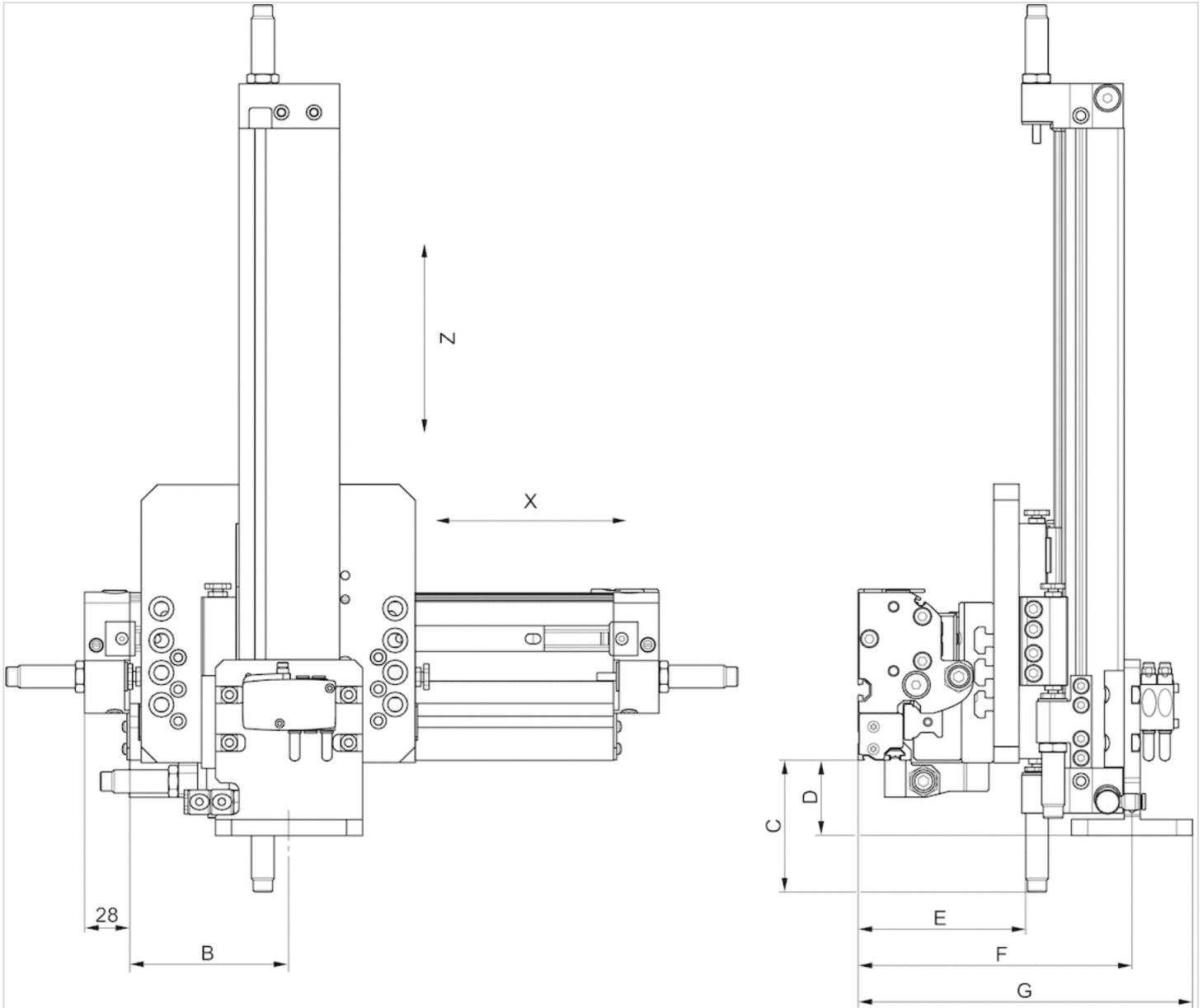
Scope of delivery: incl. mounting accessories and subbase

Technical information

Material	
Subbase	Aluminum

Dimensions

Dimensions



NOTICE:

To avoid overloading the cylinder, please keep the max. velocity which are given below.

X (RTC-HD):

Stroke max.: 4300 mm

Velocity max.: 0.7 m/s (with centre of gravity of complete Z-axis balanced)

Z (RTC-CG):

Stroke max. for CG25: 500 mm

Stroke max. for CG32: 700 mm

Velocity max.: 1.2 m/s (at stroke max.)

Max. weight: 2 kg

Dimensions

Dimensions	Version	HD-25	HD-32	HD-40	HD-50	HD-63
B	CG-25	-	98.75	110.3	126	145.25

Dimensions	Version	HD-25	HD-32	HD-40	HD-50	HD-63
B	CG-32	–	–	118,3	134	153,25
C	CG-25	–	75,8	75,8	81,3	81,3
C	CG-32	–	–	81,3	86,8	86,8
D	CG-25	–	47	47	52,5	52,5
D	CG-32	–	–	47	52,5	52,5
E	CG-25	–	103,7	117,6	139,3	149,3
E	CG-32	–	–	117,2	138,9	148,9
F	CG-25	–	169,8	183,7	205,4	215,4
F	CG-32	–	–	191,7	213,4	223,4
G	CG-25	–	207,3	221,2	242,9	252,9
G	CG-32	–	–	229,2	250,9	260,9

Easy2Combine, Connection kit

- For combination: GPC-ST / MSC



Weight

See table below

Technical data

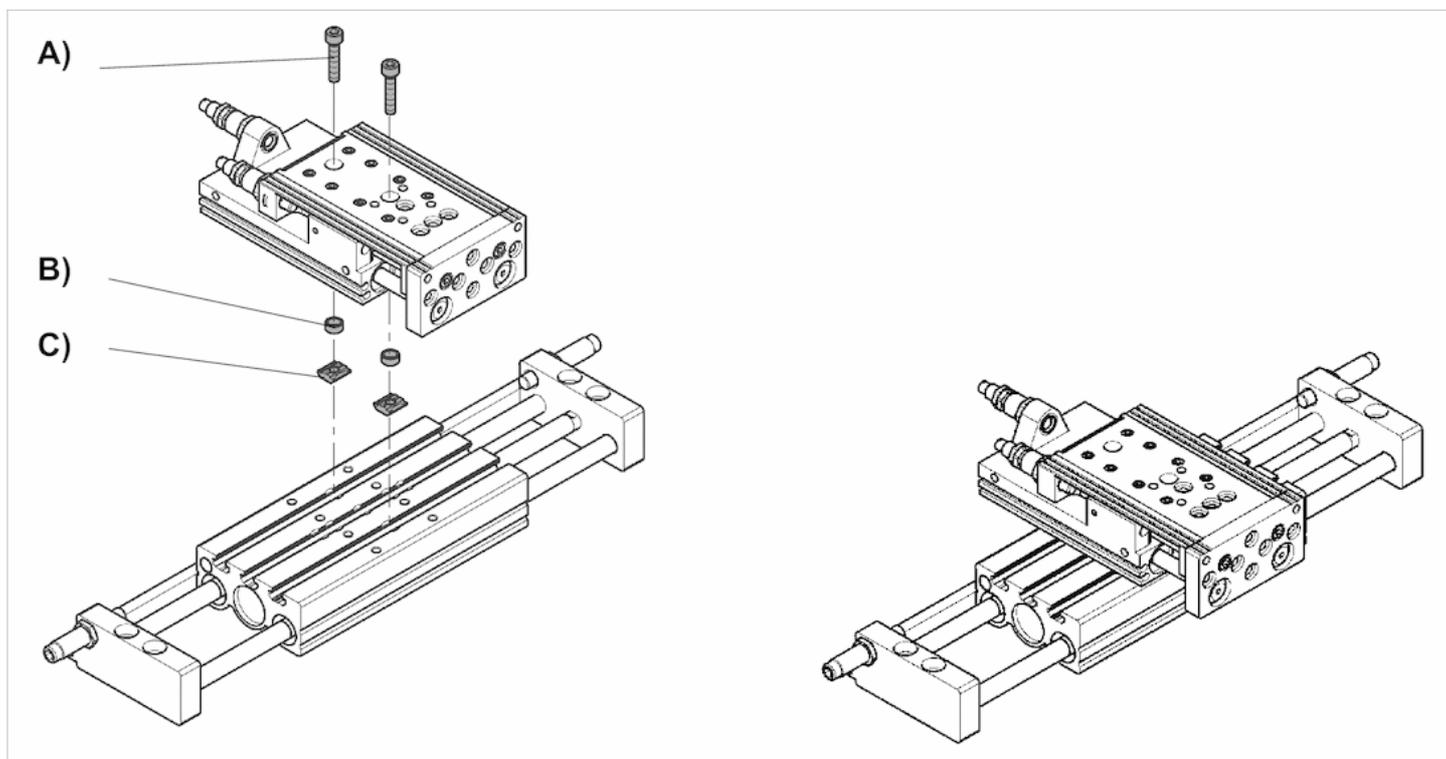
Part No.	Easy2Combine basic	Easy2Combine add-on part
R412004687	CKK/CKR-12-90, CKK/CKR-15-110, CKP-16, CKP-25, GPC-ST-12	-
R412004688	RTC-HD 16, RTC-HD 25	MSC-12

Part No.	Easy2Combine kit	Weight
R412004687	CK2-LI-01	0.01 kg
R412004688	CK2-LI-02	0.02 kg

Technical information

Material	
Centering sleeve	Stainless steel
Subbase	Aluminum
Screws	Steel, galvanized
T-groove nut	Stainless steel Steel, galvanized

Dimensions



Dimensions

Easy2Combine kit	CK2-LI-01	CK2-LI-02
A 1)	2 x M4x16	2 x M5x20
B	2 x Ø 9-7	2 x Ø 9
C	2 x N6 / M4	2 x N6 / M5

1) tightening torque M4 = 3,5 Nm ± 10%, M5 = 6,0 Nm ± 10%

Easy2Combine, Connection kit

- For combination: GPC-ST / GPC-E



Weight

See table below

Technical data

Part No.	Easy2Combine basic	Easy2Combine add-on part
R412004665	GPC-ST-12, GPC-ST-20, MSC-12, RTC-HD 16, RTC-HD 25	GPC-E-12, ZSC-10
R412004661	GPC-ST-12, GPC-ST-20, GSU-16, MSC-16, MSC-20, RTC-CG 16	GPC-E-16, ZSC-16

Part No.	Easy2Combine kit	Weight
R412004665	CK1-LI-13	0.1 kg
R412004661	CK1-LI-14	0.17 kg

Technical information

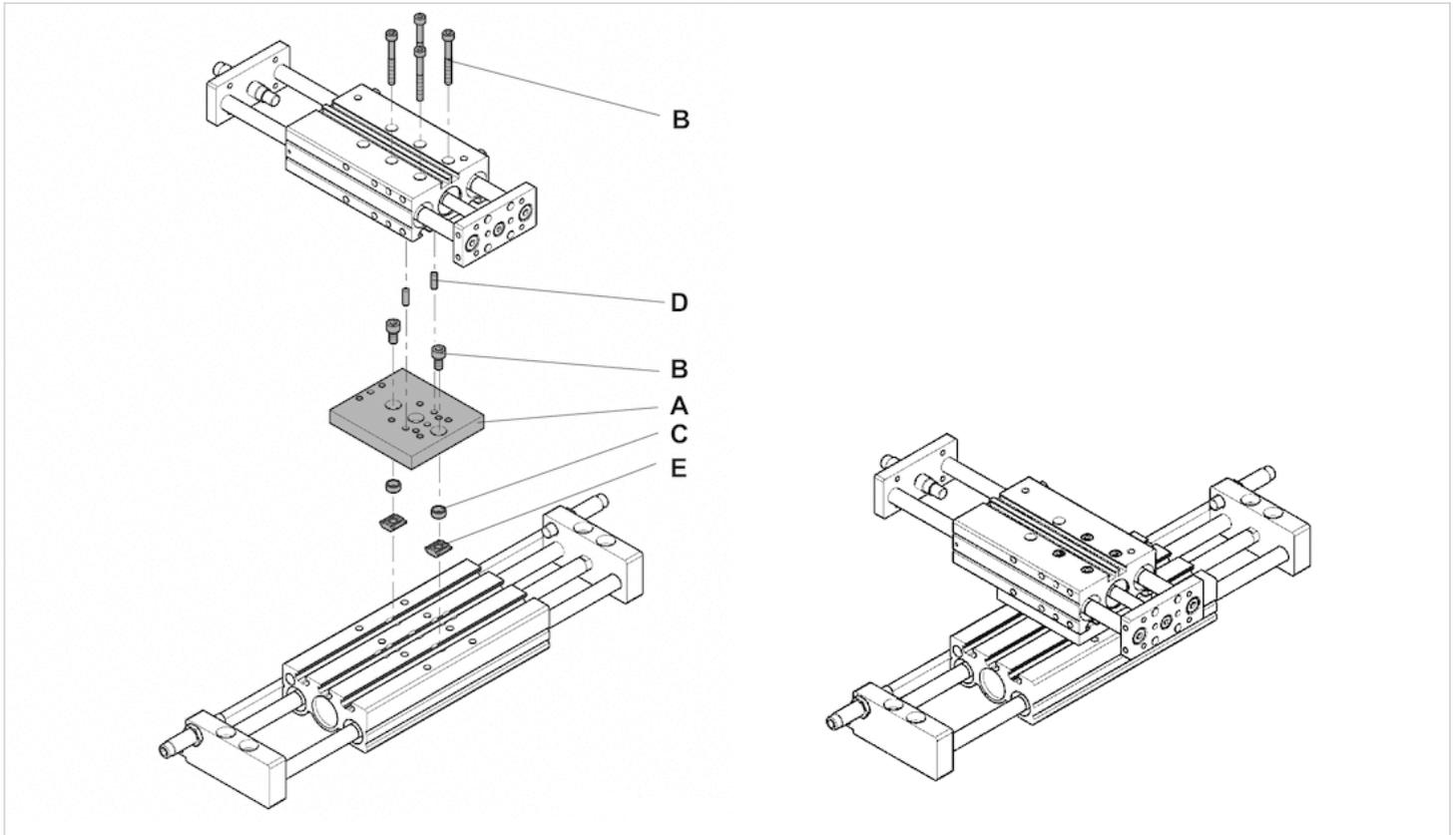
centering pins, ISO 2338:1997

Technical information

Material	
centering pins	Steel, hardened
Centering sleeve	Stainless steel
Subbase	Aluminum, anodized Aluminum
Screws	Steel, galvanized
T-groove nut	Stainless steel

Dimensions

slide mounting: transverse



Scope of delivery: A) connection plate B) screws C) centering sleeves D) centering pins E) sliding blocks

Dimensions

Easy2Combine kit	CK1-LI-13
A	1 x
B 1)	4 x M3x16; 4 x M4x10; 4 x M4x30
C 2)	2 x Ø 7; 2 x Ø 9
D	2 x 4 m6 x 12
E	2 x N6 / M4

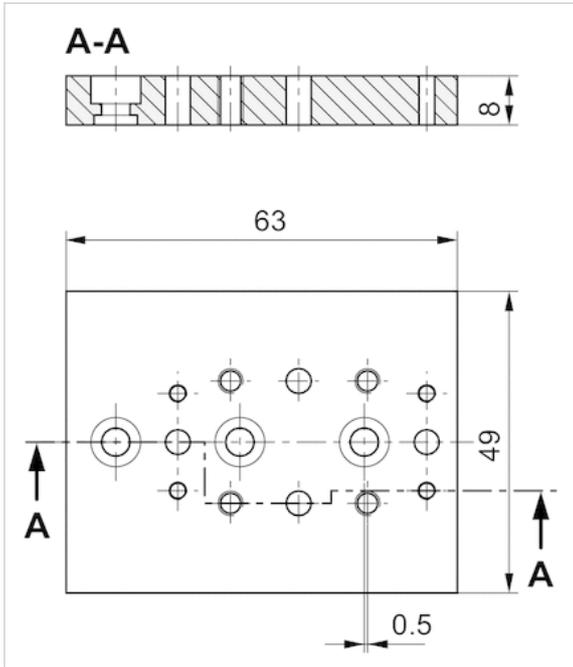
CK1-LI-14
1 x
4 x M4x20; 4 x M4x35; 2 x M5x10; 2 x M5x12; 2 x M5x14
4 x Ø 9
2 x 4 m6 x 12
2 x N6 / M5

1) tightening torque M3 = 2,2 Nm ± 10%, M4 = 3,5 Nm ± 10%, M5 = 6,0 Nm ± 10%, M6 = 10 Nm ± 10%

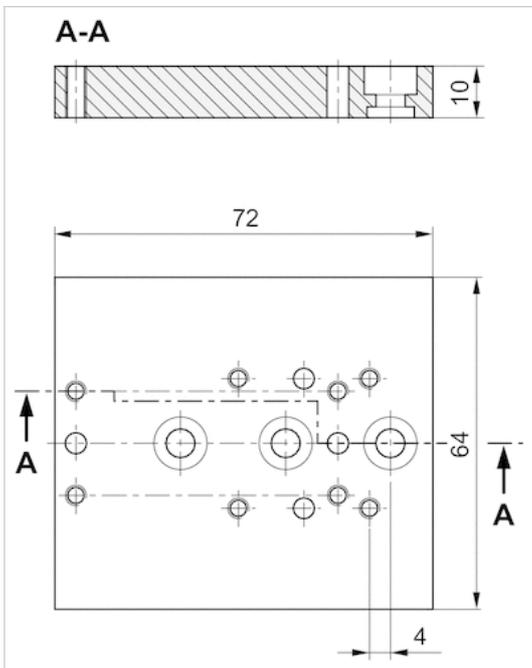
2) ISO 4762:2004

Dimensions

CR1-LI-13



CR1-LI-14



Easy2Combine, Connection kit

- For combination: CKK/CKR / CKP / MSC



Weight

See table below

Technical data

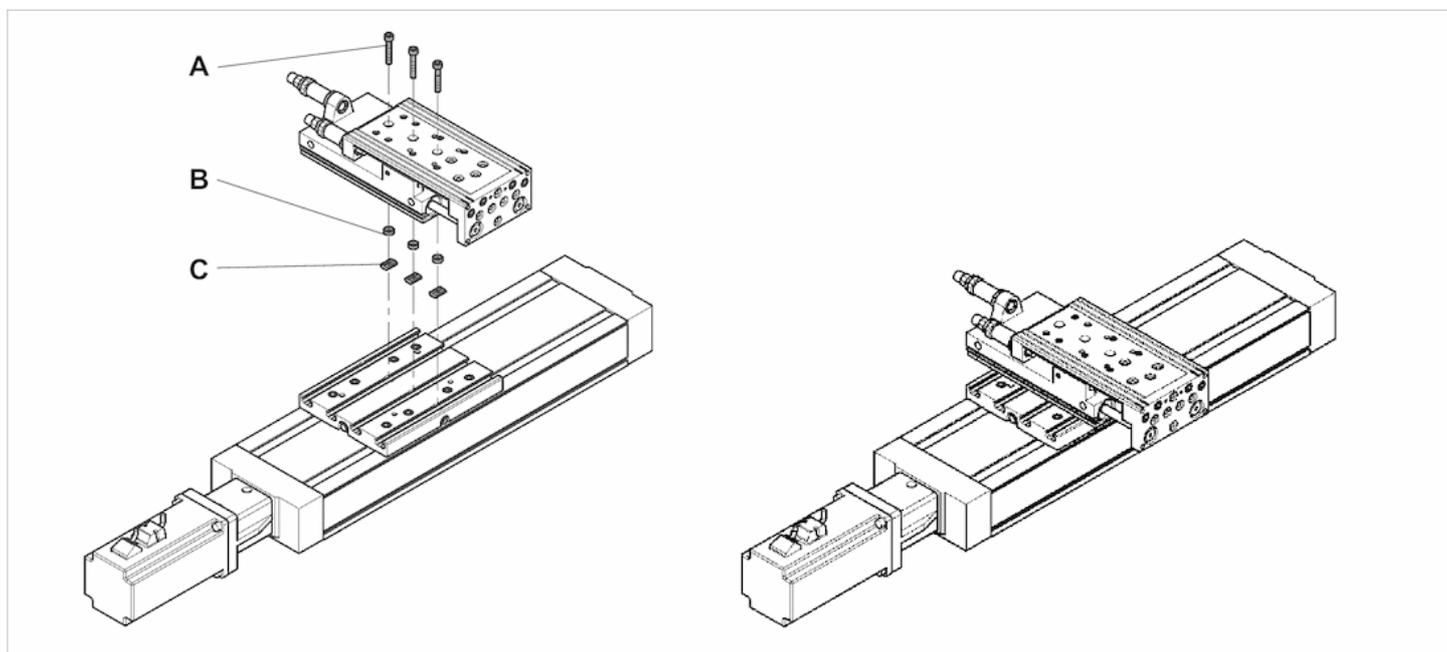
Part No.	Easy2Combine basic	Easy2Combine add-on part	Easy2Combine kit	Weight
R412008670	RTC-HD 16, RTC-HD 25	MSC-16	CK2-LI-06	0.02 kg
R412008671	RTC-HD 32, RTC-HD 40	MSC-20	CK2-LI-07	0.03 kg
R412008672	RTC-HD 32, RTC-HD 40	MSC-25	CK2-LI-08	0.04 kg

Technical information

Material	
Centering sleeve	Stainless steel
Subbase	Aluminum
Screws	Steel, galvanized
T-groove nut	Stainless steel Steel, galvanized

Dimensions

slide mounting: transverse



Scope of delivery: A) screws B) centering sleeves C) sliding blocks

Dimensions

Easy2Combine kit	CK2-LI-06	CK2-LI-07	CK2-LI-08
A 1) 2)	2 x M5x26,5	2 x M6x32	2 x M6x28
B	2 x Ø 9	2 x Ø 12	2 x Ø 12
C	2 x N6 / M5	2 x N8 / M6	2 x N8 / M6

1) tightening torque M4 = 3,5 Nm ± 10%, M5 = 6,0 Nm ± 10%

2) ISO 4762:2004

Easy2Combine, Connection kit

- For combination: CKP / CKP



Weight

See table below

Technical data

Part No.	Easy2Combine basic	Easy2Combine add-on part	Weight
R039120045	CKP-16, CKP-25	CKP-16	0.2 kg
R039120046	CKP-25	CKP-25	0.3 kg
R039120047	CKP-32	CKP-25	0.3 kg
R039120048	CKP-32	CKP-32	0.4 kg

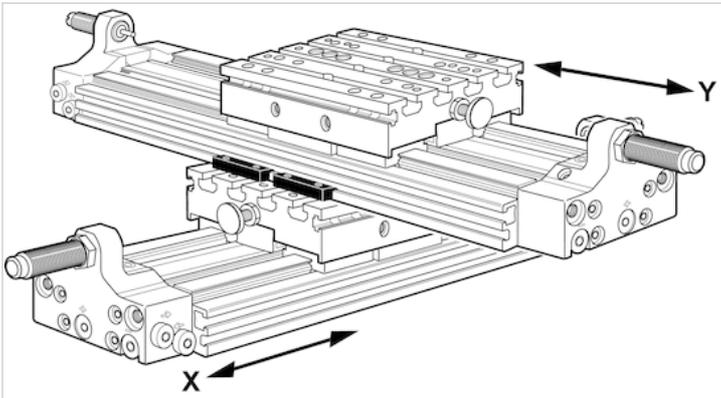
Connection kit consisting of: Clamping fixtures, sliding blocks, screws, centering rings

Technical information

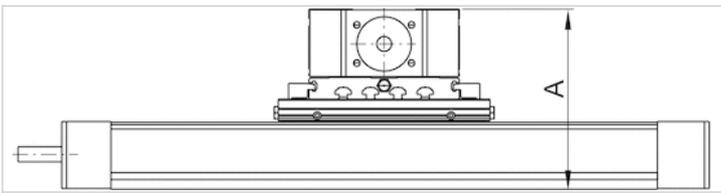
Material	
Centering rings	Stainless steel
Centering sleeve	Stainless steel
Subbase	Aluminum
Clamping fixtures	Aluminum
Screws	Steel, galvanized
T-groove nut	Steel, galvanized

Dimensions

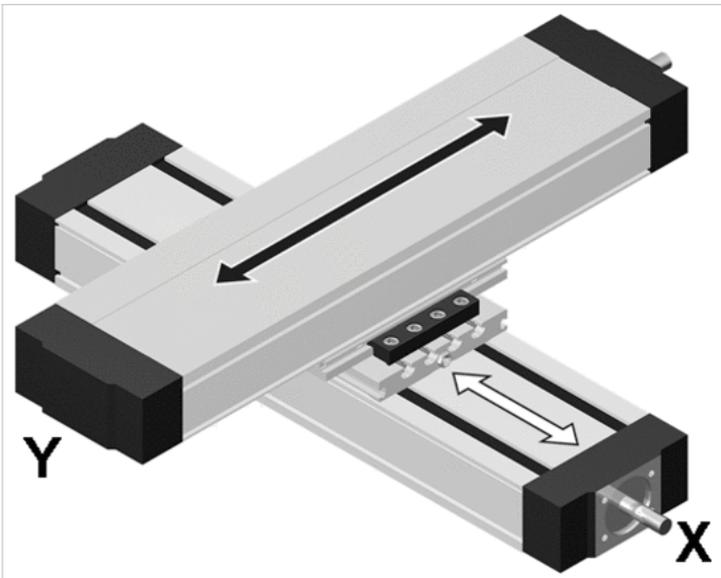
Y-axis connected by the profile (carriage travels)



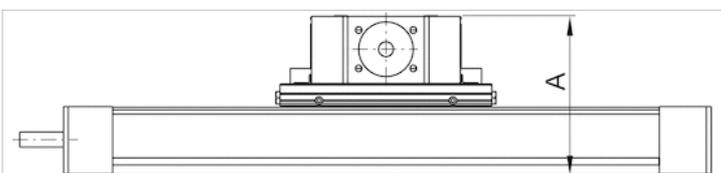
Y-axis connected by the profile (carriage travels)



Y-axis connected by the carriage (profile travels)



Y-axis connected by the carriage (profile travels)



Dimensions

Part No.	X 1)	Y 2)	A
R039120045	CKP-16	CKP-16	96
	CKP-25		106
R039120046	CKP-25	CKP-25	116
R039120047	CKP-32	CKP-25	135
R039120048	CKP-32	CKP-32	150

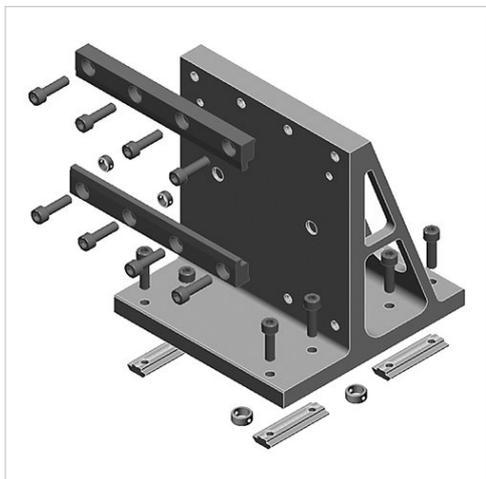
1) basic

2) add-on-part

m = mass

Easy2Combine, Connection kit

- For combination: CKP / CKP



Weight

See table below

Technical data

Part No.	Easy2Combine basic	Easy2Combine add-on part	Weight
R039110255	CKP-16, CKP-25	CKP-16	1.1 kg
R039110256	CKP-25	CKP-25	1.5 kg
R039110326	CKP-32	CKP-25	2.1 kg
R039110258	CKP-32	CKP-32	2.8 kg

Connection kit consisting of: Clamping fixtures, sliding blocks, screws, centering rings

Technical information

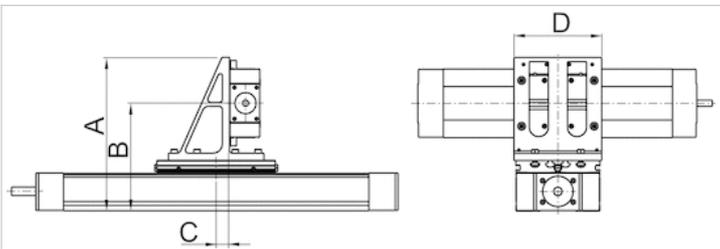
Material	
Centering sleeve	Stainless steel
Subbase	Aluminum
Screws	Steel, galvanized

Dimensions

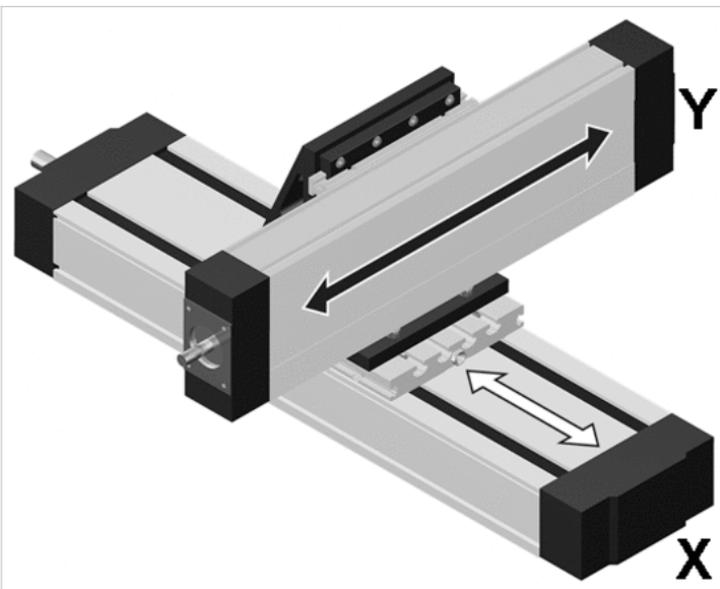
Y-axis connected by the profile (carriage travels)



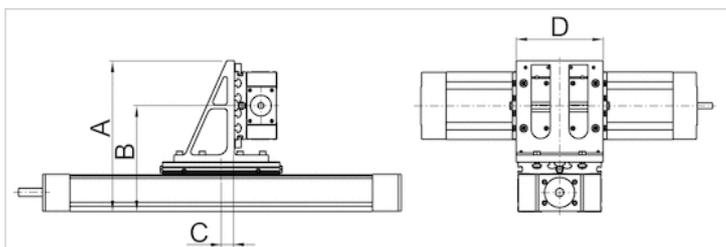
Y-axis connected by the profile (carriage travels)



Y-axis connected by the carriage (profile travels)



Y-axis connected by the carriage (profile travels)



Dimensions

Part No.	X 1)	Y 2)	X/Y A	X/Y B	X/Y C	D	m [kg]
R039110255	CKP-16	CKP-16	191	131	17.5	115	1.1
	CKP-25		201	141			
R039110256	CKP-25	CKP-25	226.5	152	18.5	145	1.5
R039110326	CKP-32	CKP-25	248	176	21	145	2.1
R039110258	CKP-32	CKP-32	286	193.5	21	175	2.8

1) basic

2) add-on-part

m = mass

Centering rings



Technical data

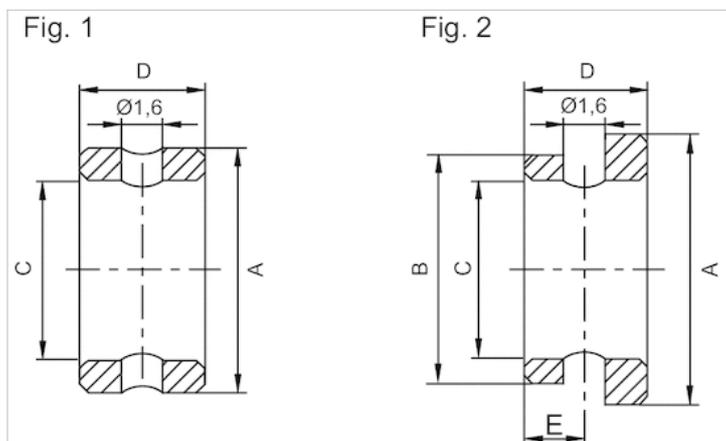
Part No.	External Ø	Scope of delivery	Fig.
R412000669	5-5 mm	6 piece	Fig. 1
R412000668	7 mm	6 piece	Fig. 1
R412000670	9 mm	6 piece	Fig. 1
R412000671	12 mm	6 piece	Fig. 1
R402003731	16 mm	6 piece	Fig. 1
R412004030	7-5 mm	6 piece	Fig. 2
R412004032	9-5 mm	6 piece	Fig. 2
R412004033	9-7 mm	6 piece	Fig. 2
R412004034	12-9 mm	6 piece	Fig. 2
R402003736	16-12 mm	6 piece	Fig. 2

Technical information

Material

Housing	Stainless steel
---------	-----------------

Dimensions



Dimensions

Part No.	Ø	A k6	B k6	C ±0,1	D -0,2	E +0,2	Fig.
R412000669	5	5	–	3,4	3	–	Fig. 1
R412000668	7	7	–	5,5	3	–	Fig. 1
R412000670	9	9	–	6,6	4	–	Fig. 1
R412000671	12	12	–	9,0	4	–	Fig. 1
R402003731	16	16	–	11	6	–	Fig. 1
R412004030	5-7	7	5	3,4	3	1,5	Fig. 2
R412004032	5-9	9	5	3,4	3,5	1,5	Fig. 2
R412004033	7-9	9	7	5,5	3,5	1,5	Fig. 2
R412004034	9-12	12	9	6,6	4,0	2	Fig. 2
R402003736	12-16	16	12	9	5	2	Fig. 2

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



Visit us: [Emerson.com/Aventics](https://www.emerson.com/Aventics)

Your local contact: [Emerson.com/contactus](https://www.emerson.com/contactus)



Emerson.com



[Facebook.com/EmersonAutomationSolutions](https://www.facebook.com/EmersonAutomationSolutions)



[LinkedIn.com/company/Emerson-Automation-Solutions](https://www.linkedin.com/company/Emerson-Automation-Solutions)



[Twitter.com/EMR_Automation](https://twitter.com/EMR_Automation)

An example configuration is depicted on the title page. The delivered product may thus vary from that in the illustration. Subject to change. This Document, as well as the data, specifications and other information set forth in it, are the exclusive property of AVENTICS GmbH. It may not be reproduced or given to third parties without its consent. Only use the AVENTICS products shown in industrial applications. Read the product documentation completely and carefully before using the product. Observe the applicable regulations and laws of the respective country. When integrating the product into applications, note the system manufacturer's specifications for safe use of the product. The data specified only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that the products are subject to a natural process of wear and aging.

The Emerson logo is a trademark and service mark of Emerson Electric Co. Brand logotype are registered trademarks of one of the Emerson family of companies. All other marks are the property of their respective owners. © 2017 Emerson Electric Co. All rights reserved.
2019-03



CONSIDER IT SOLVED™