

Compact cylinder ADVU, AEVU

FESTO



Characteristics

Piston rod thread type

[] External thread



[F] Internal thread

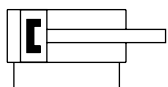


Cushioning

End-position cushioning has the following functions:

- Reduces kinetic energy in the end positions
- Reduces noise generation
- Avoids vibrations

[P] Elastic cushioning rings/plates at both ends



The actuator is fitted with elastic polymer end-position cushioning.

Benefits:

- No adjustment required
- Saves time

Position sensing

[A] For proximity sensor

With the help of proximity switches, position detection allows for any position to be sensed.

Type code

001	Series	
ADVU	Compact cylinder, double-acting	
AEVU	Compact cylinder, single-acting	
AEVUZ	Compact cylinder, single-acting, pulling	

002	Piston diameter [mm]	
12	12	
16	16	
20	20	
25	25	
32	32	
40	40	
50	50	
63	63	
80	80	
100	100	
125	125	

003	Stroke range [mm]	
...	1 ... 400	

004	Piston rod thread type	
	Internal thread	
A	External thread	

005	Cushioning	
P	Elastic cushioning rings/plates at both ends	

006	Position sensing	
A	For proximity sensor	

Datasheet

General technical data – ADVU

General technical data											
Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Structural design	Piston, Piston rod										
Pneumatic connection	M5				G1/8					G1/4	
Piston rod end	External thread, Internal thread										
Type of mounting	Alternatively:, With through-hole, With accessories										
Cushioning	Elastic cushioning rings/pads at both ends										
Position sensing	Via proximity switch										

Operating and environmental conditions - ADVU-12 ... 40

Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]					
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)					
Operating pressure	0.12 ... 1 MPa		0.1 ... 1 MPa		0.08 ... 1 MPa	
Operating pressure	1.2 ... 10 bar		1 ... 10 bar		0.8 ... 10 bar	
Operating pressure	17.4 ... 145 psi		14.5 ... 145 psi		11.6 ... 145 psi	
Ambient temperature ¹⁾	-20 ... 80°C					
Corrosion resistance class (CRC) ²⁾	2 - Moderate corrosion stress					

1) Observe operating range of proximity switches.

2) For more information www.festo.com/x/topic/kbk

Operating and environmental conditions - ADVU-50 ... 125

Operating and environmental conditions ADVS 50 ... 125					
Piston diameter	50 mm	63 mm	80 mm	100 mm	125 mm
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]				
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)				
Operating pressure	0.08 ... 1 MPa	0.06 ... 1 MPa			0.05 ... 1 MPa
Operating pressure	0.8 ... 10 bar	0.6 ... 10 bar			0.5 ... 10 bar
Operating pressure	11.6 ... 145 psi	8.7 ... 145 psi			7.25 ... 145 psi
Ambient temperature ¹⁾	-20°C, 80°C				
Corrosion resistance class (CRC) ²⁾	2 - Moderate corrosion stress				

1) Observe operating range of proximity switches.

2) For more information www.festo.com/x/topic/kbk

Forces and impact energy – ADVU

$$V = \sqrt{\frac{2 \cdot E}{m_1 + m_2}}$$

$$m_2 = \frac{2 \cdot E}{v^2} - m_1$$

V = permissible impact velocity

E = max. impact energy

m1 = moving mass (drive)

m2 = moving payload

Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Theoretical force at 6 bar, advancing	68 N	121 N	188 N	295 N	483 N	754 N	1,178 N	1,870 N	3,016 N	4,712 N	7,363 N
Theoretical force at 6 bar, retracting	51 N	90 N, 91 N	141 N	247 N	415 N	686 N	1,057 N	1,750 N	2,827 N	4,418 N	6,881 N
Impact energy in the end positions	0.07 J	0.1 J	0.14 J	0.1 J	0.4 J	0.52 J	0.64 J	0.7 J	0.75 J	1 J	3.3 J

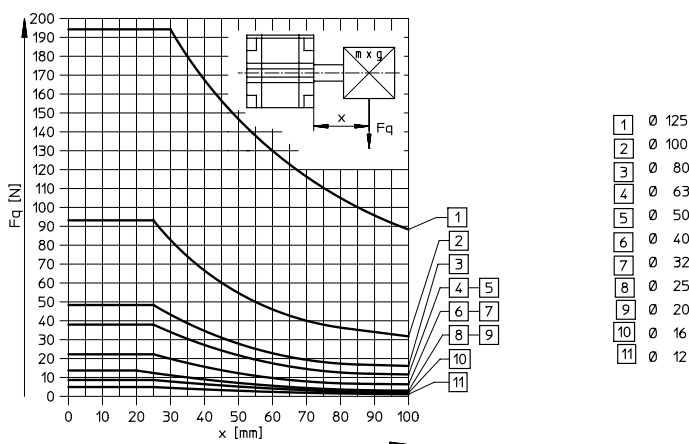
Weights – ADVU

Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Basic weight with 0 mm stroke	87 g	89 g	149 g	180 g	300 g	433 g	560 g	1,059 g	1,772 g	2,797 g	3,426 g
Additional weight per 10 mm stroke	15 g		23 g	28 g	40 g	59 g	72 g	107 g	168 g	177 g	168 g
Moving mass at 0 mm stroke	8 g	12 g	20 g	26 g	49 g	63 g	112 g	134 g	307 g	614 g	1,317 g
Additional moving mass per 10 mm stroke	2 g	4 g	6 g		9 g		16 g		25 g	38 g	63 g

Datasheet

Materials – ADVU

Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Material of cylinder barrel	Wrought aluminum alloy										
Cover material	Wrought aluminum alloy									Die cast aluminum, painted, Wrought aluminum alloy	Die cast aluminum, painted
Piston rod material	high-alloy stainless steel					High-alloy steel					
Flange screws material	high-alloy stainless steel		Steel, galvanized								
Material of dynamic seals	NBR, TPE-U(PU)										

Max. transverse load F_q as a function of projection x – ADVU

General technical data – AEUU

General technical data										
Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm
Structural design	Piston, Piston rod									
Pneumatic connection	M5				G1/8				G1/4	
Piston rod end	External thread, Internal thread									
Type of mounting	Alternatively:, With through-hole, With accessories									
Cushioning	Elastic cushioning rings/pads at both ends									
Position sensing	Via proximity switch									

Operating and environmental conditions - AEUU-12 ... 40

Operating and environmental conditions						
Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]					
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)					
Operating pressure	0.15 ... 1 MPa	0.13 ... 1 MPa	0.1 ... 1 MPa		0.08 ... 1 MPa	
Operating pressure	1.5 ... 10 bar	1.3 ... 10 bar	1 ... 10 bar		0.8 ... 10 bar	
Operating pressure	21.75 ... 145 psi	18.85 ... 145 psi	14.5 ... 145 psi		11.6 ... 145 psi	
Ambient temperature ¹⁾	-20 ... 80°C					
Corrosion resistance class (CRC) ²⁾	2 - Moderate corrosion stress					

1) Observe operating range of proximity switches.

2) For more information www.festo.com/x/topic/kbk

Datasheet

Operating and environmental conditions - AEVU-50 ... 100

Piston diameter	63 mm	80 mm	100 mm
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]		
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)		
Operating pressure	0.06 ... 1 MPa		
Operating pressure	0.6 ... 10 bar		
Operating pressure	8.7 ... 145 psi		
Ambient temperature ¹⁾	-20°C, 80°C		
Corrosion resistance class (CRC) ²⁾	2 - Moderate corrosion stress		

1) Observe operating range of proximity switches.

2) For more information www.festo.com/x/topic/kbk

Forces and impact energy – AEVU

$$V = \sqrt{\frac{2 \cdot E}{m_1 + m_2}}$$

$$m_2 = \frac{2 \cdot E}{v^2} - m_1$$

V = permissible impact velocity

E = max. impact energy

m1 = moving mass (drive)

m2 = moving payload

Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm
Theoretical force at 6 bar, advancing	59 N	111 N	171 N	269 N	450 N	704 N	1,121 N	1,799 N	2,902 N	4,516 N
Impact energy in the end positions	0.07 J	0.1 J	0.14 J	0.1 J	0.4 J	0.52 J	0.64 J	0.7 J	0.75 J	1 J

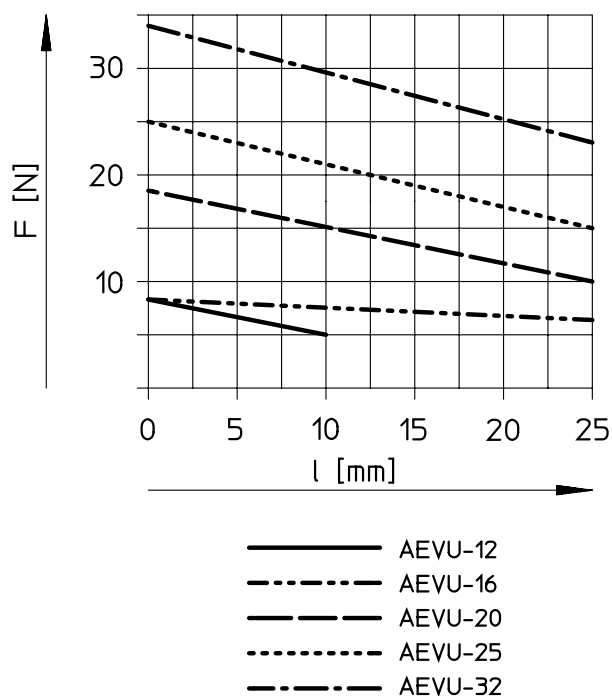
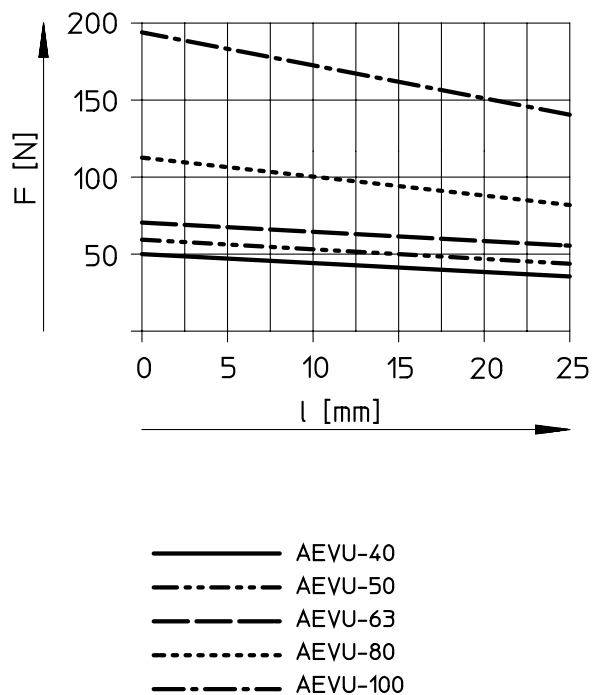
Weights – AEVU

Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm
Basic weight with 0 mm stroke	87 g	89 g	149 g	180 g	300 g	433 g	560 g	1,059 g	1,772 g	2,797 g
Additional weight per 10 mm stroke	15 g		23 g	28 g	40 g	59 g	72 g	107 g	168 g	177 g

Materials – AEVU

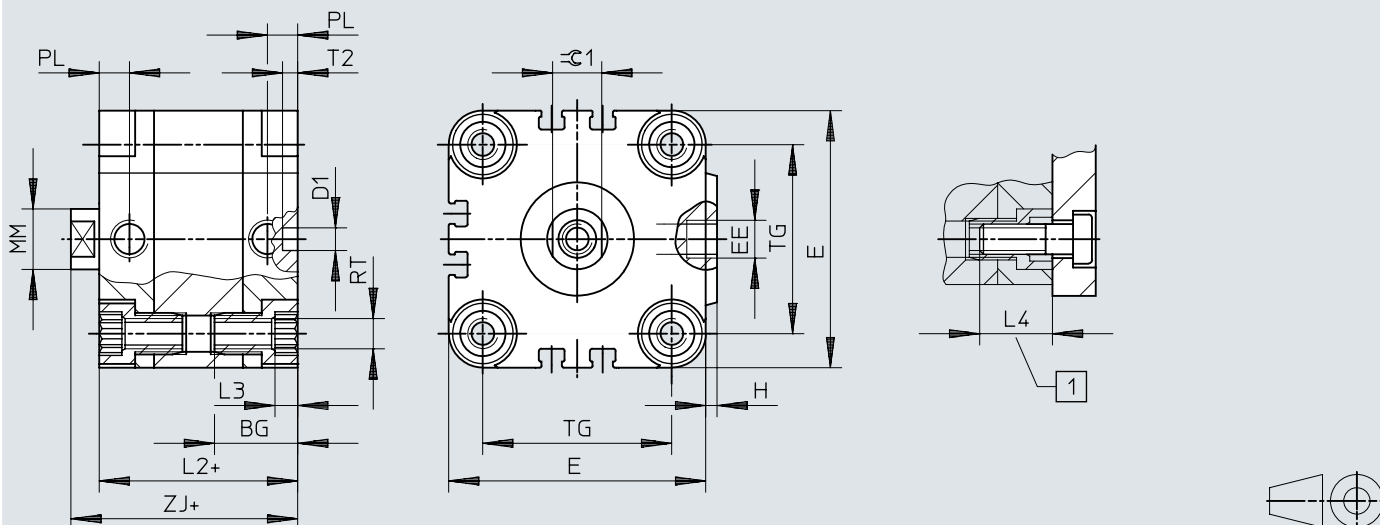
Piston diameter	12 mm	16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm					
Material of cylinder barrel	Wrought aluminum alloy														
Cover material	Wrought aluminum alloy														
Piston rod material	high-alloy stainless steel					High-alloy steel									
Flange screws material	high-alloy stainless steel		Steel, galvanized												
Material of dynamic seals	NBR, TPE-U(PU)														

Datasheet

Spring return force F as a function of stroke l - AEVU-12 ... 32Spring return force F as a function of stroke - AEVU

Dimensions

Dimensions – Basic cylinder, piston Ø 12 ... 100 mm

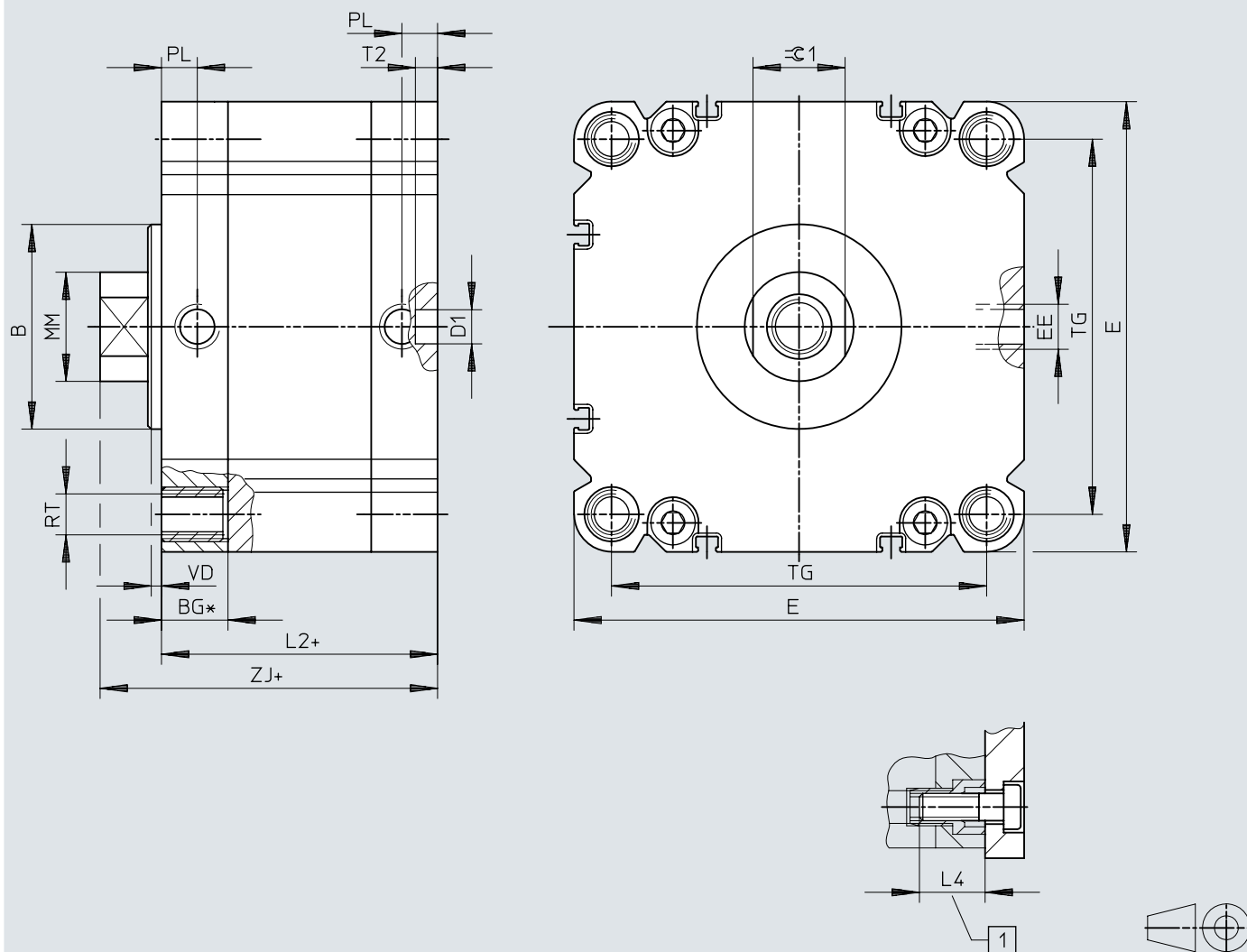
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- [1] Minimum screw-in depth
 [2] + = plus stroke length
 [3] For mounting from above with Ø 12/16, only use 2 screws diagonally or non-solenoid screws.

	BG	D1 Ø H9	E	EE	H	L2	L3	L4	MM Ø	PL	RT	T2 -0,2	TG	ZJ	±G1 h13
ADVU-12	18,5	6	29	M5	1	38	3	16	6	8	M4	4	18	42,5	5
ADVU-16	18,5	6	29	M5	1	38	3	16	8	8	M4	4	18	42,5	7
ADVU-20	18,5	6	36	M5	1,5	38	4	18	10	8	M5	4	22	42,5	9
ADVU-25	18,5	6	40	M5	1,5	39,5	4	18	10	8	M5	4	26	45	9
ADVU-32	21,5	6	50	G1/8	2	44,5	5	20	12	8	M6	4	32	50,5	10
ADVU-40	21,5	6	60	G1/8	2,5	45,5	5	20	12	8	M6	4	42	52	10
ADVU-50	22	6	68	G1/8	3	45,5	6	20	16	8	M8	4	50	53	13
ADVU-63	24,5	8	87	G1/8	4	50	8	25	16	8	M10	4	62	57,5	13
ADVU-80	27,5	8	107	G1/8	4	56	8	25	20	8,5	M10	4	82	64	17
ADVU-100	32,5	8	128	G1/4	5	66,5	8	25	25	10,5	M10	4	103	76,5	22

Dimensions

Dimensions – Basic cylinder, piston Ø 125 mm

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[1] Minimum screw-in depth

[2] + = plus stroke length

	B	BG	D1 Ø H9	E	EE	L2	L4	MM Ø	PL	RT	T2	TG	VD	ZJ	≈G1
	d11										-0,2				h13
ADVU-125	60	19,5	10	132	G1/4	81	18	32	10,5	M12	6	110	4	99	27

Dimensions

Dimensions – Basic type

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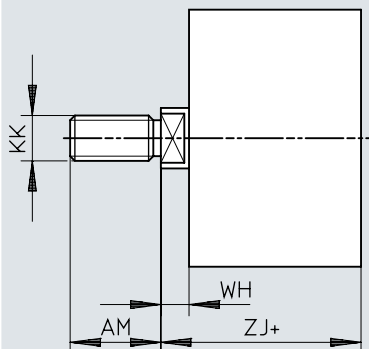
[1] += plus stroke length

	AF	KF	T4	WH	ZJ
ADVU-12	8	M3	1,5	4,5	42,5
ADVU-16	10	M4	1,5	4,5	42,5
ADVU-20 ¹⁾	12	M5	2	4,5	42,5
ADVU-25 ¹⁾	12	M5	2	5,5	45
ADVU-32 ¹⁾	14	M6	2,6	6	50,5
ADVU-40 ¹⁾	14	M6	2,6	6,5	52
ADVU-50 ¹⁾	16	M8	3,3	7,5	53
ADVU-63 ¹⁾	16	M8	3,3	7,5	57,5
ADVU-80 ¹⁾	20 ²⁾	M10	4,7	8	64
ADVU-100 ¹⁾	24 ²⁾	M12	6,1	10	76,5
ADVU-125 ¹⁾	25 ²⁾	M16	7	18	99

1) Nut for piston rod thread included in scope of delivery
2) With stroke < 5 mm, the max. screw-in depth is reduced by 5 mm

Dimensions

Dimensions – Basic type

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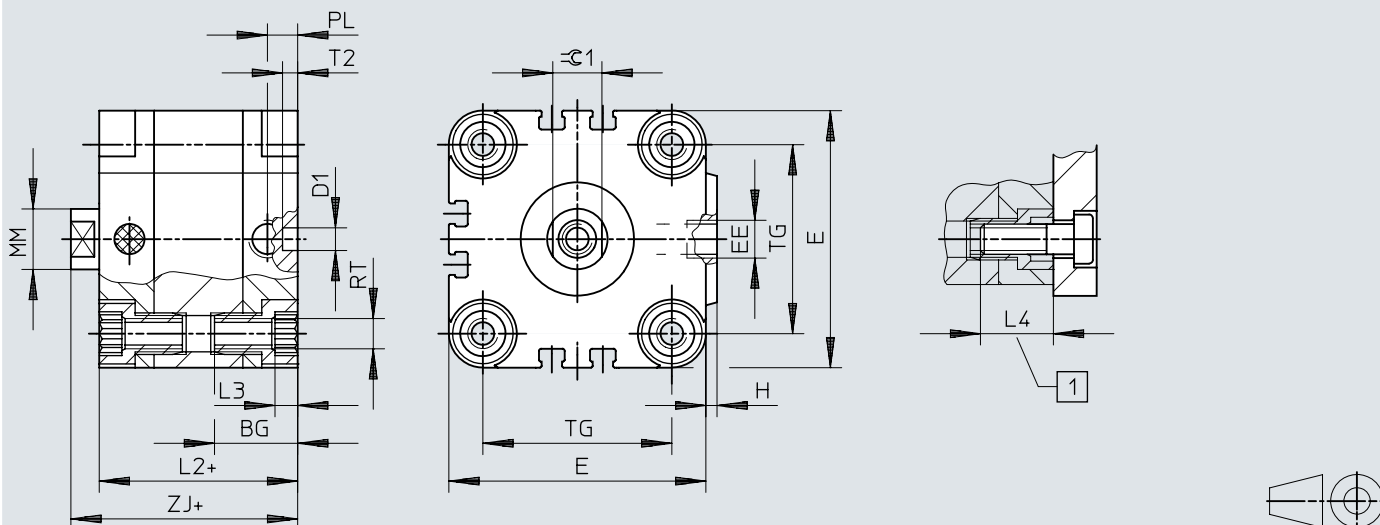
[1] + = plus stroke length

	AM	KK	WH	ZJ
ADVU-12	16	M6	4,5	42,5
ADVU-16	20	M8	4,5	42,5
ADVU-20 ¹⁾	22	M10x1,25	4,5	42,5
ADVU-25 ¹⁾	22	M10x1,25	5,5	45
ADVU-32 ¹⁾	22	M10x1,25	6	50,5
ADVU-40 ¹⁾	22	M10x1,25	6,5	52
ADVU-50 ¹⁾	24	M12x1,25	7,5	53
ADVU-63 ¹⁾	24	M12x1,25	7,5	57,5
ADVU-80 ¹⁾	32	M16x1,5	8	64
ADVU-100 ¹⁾	40	M20x1,5	10	76,5
ADVU-125 ¹⁾	54	M27x2	18	99

1) Nut for piston rod thread included in scope of delivery

Dimensions

Dimensions – Basic cylinder

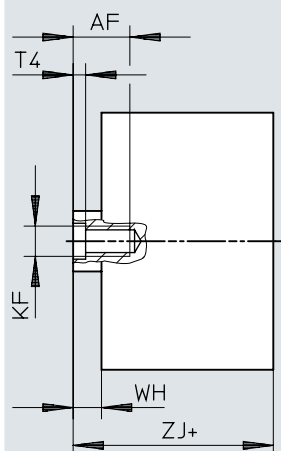
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- [1] Minimum screw-in depth
 [2] + = plus stroke length
 [3] For mounting from above with $\varnothing 12/16$, only use 2 screws diagonally or non-solenoid screws.

	BG	D1 $\varnothing$ H9	E	EE	H	L2	L3	L4	MM $\varnothing$	PL	RT	T2	TG	ZJ	$\varnothing 1$ h13
AEVU/AEVUZ-12	18,5	6	29	M5	1	38	3	16	6	8	M4	4	18	42,5	5
AEVU/AEVUZ-16	18,5	6	29	M5	1	38	3	16	8	8	M4	4	18	42,5	7
AEVU/AEVUZ-20	18,5	6	36	M5	1,5	38	4	18	10	8	M5	4	22	42,5	9
AEVU/AEVUZ-25	18,5	6	40	M5	1,5	39,5	4	18	10	8	M5	4	26	45	9
AEVU/AEVUZ-32	21,5	6	50	G1/8	2	44,5	5	20	12	8	M6	4	32	50,5	10
AEVU/AEVUZ-40	21,5	6	60	G1/8	2,5	45,5	5	20	12	8	M6	4	42	52	10
AEVU/AEVUZ-50	22	6	68	G1/8	3	45,5	6	20	16	8	M8	4	50	53	13
AEVU/AEVUZ-63	24,5	8	87	G1/8	4	50	8	25	16	8	M10	4	62	57,5	13
AEVU/AEVUZ-80	27,5	8	107	G1/8	4	56	8	25	20	8,5	M10	4	82	64	17
AEVU/AEVUZ-100	32,5	8	128	G1/4	5	66,5	8	25	25	10,5	M10	4	103	76,5	22

Dimensions

Dimensions – Basic type

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[1] + = plus stroke length

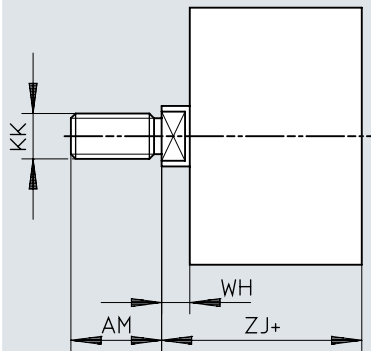
	AF	AM	D8	D9 ø	KF	KK	T4	WH	ZJ	ZM
AEVU-12	8	16	–	2,3	M3	M6	1,5	4,5	42,5	47
AEVU-16	10	20	–	3,2	M4	M8	1,5	4,5	42,5	47
AEVU-20 ¹⁾	12	22	–	3,8	M5	M10x1,25	2	4,5	42,5	47
AEVU-25 ¹⁾	12	22	–	3,8	M5	M10x1,25	2	5,5	45	50,5
AEVU-32 ¹⁾	14	22	–	4,5	M6	M10x1,25	2,6	6	50,5	56,5
AEVU-40 ¹⁾	14	22	–	4,5	M6	M10x1,25	2,6	6,5	52	58,5
AEVU-50 ¹⁾	16	24	–	6	M8	M12x1,25	3,3	7,5	53	60,5
AEVU-63 ¹⁾	16	24	–	6	M8	M12x1,25	3,3	7,5	57,5	65
AEVU-80 ¹⁾	20 ²⁾	32	G1/8	8	M10	M16x1,5	4,7	8	64	72
AEVU-100 ¹⁾	24 ²⁾	40	G1/4	11,7	M12	M20x1,5	6,1	10	76,5	86,5

1) Nut for piston rod thread included in scope of delivery

2) With stroke < 5 mm, the max. screw-in depth is reduced by 5 mm

Dimensions

Dimensions – Basic type Download CAD data www.festo.com



[1] + = plus stroke length

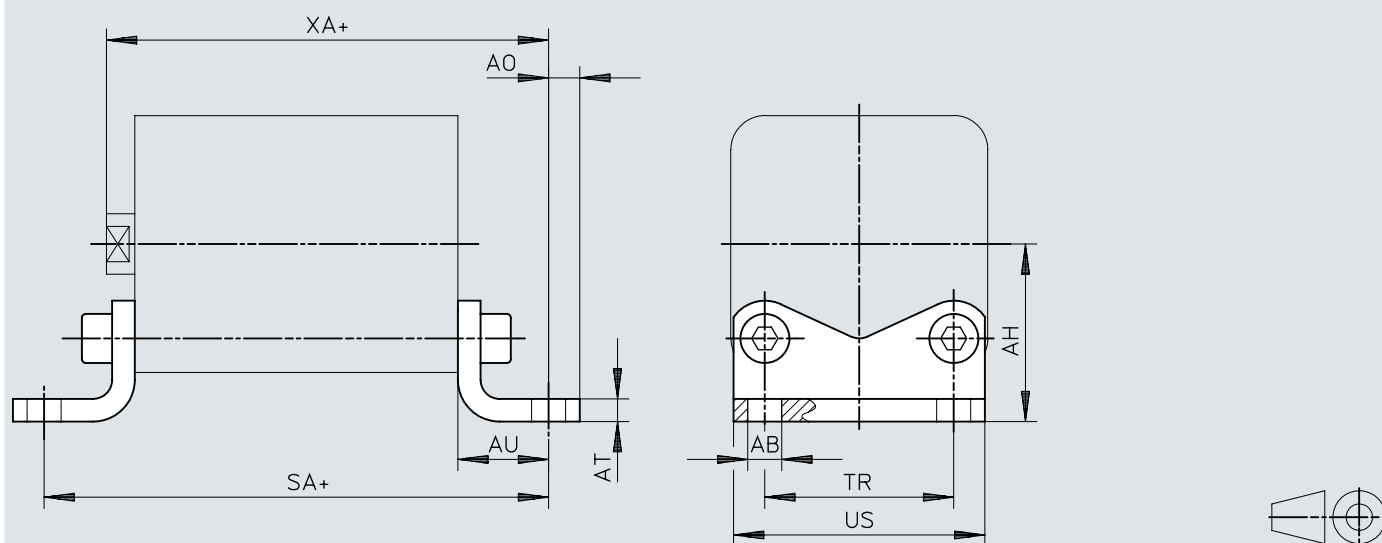
	AM	KK	WH	ZJ
AEVU-12	16	M6	4,5	42,5
AEVU-16	20	M8	4,5	42,5
AEVU-20 ¹⁾	22	M10x1,25	4,5	42,5
AEVU-25 ¹⁾	22	M10x1,25	5,5	45
AEVU-32 ¹⁾	22	M10x1,25	6	50,5
AEVU-40 ¹⁾	22	M10x1,25	6,5	52
AEVU-50 ¹⁾	24	M12x1,25	7,5	53
AEVU-63 ¹⁾	24	M12x1,25	7,5	57,5
AEVU-80 ¹⁾	32	M16x1,5	8	64
AEVU-100 ¹⁾	40	M20x1,5	10	76,5

1) Nut for piston rod thread included in scope of delivery

Dimensions

Dimensions – Foot mounting HUA for piston Ø 12 ... 100 mm/foot mounting
HNC for piston Ø 125 mm (without illustration)

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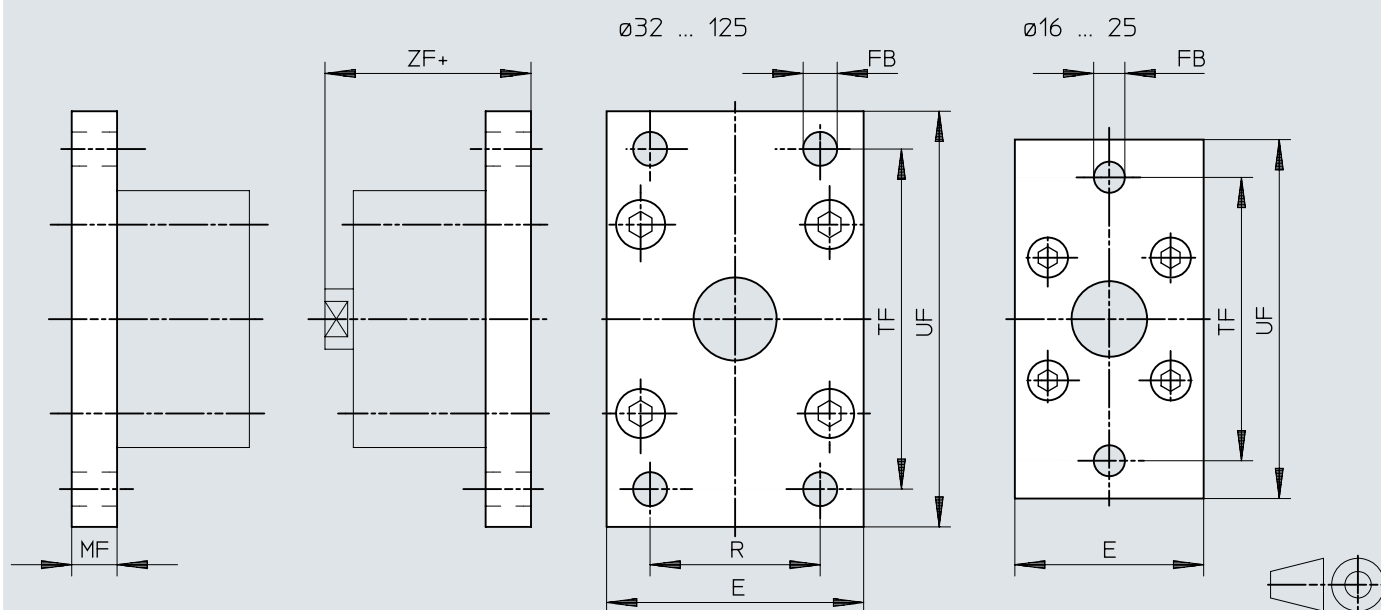
[1] + = plus stroke length

	AB Ø	AH	AO	AT	AU	SA	TR	US	XA
HUA-12/16/ HUA12/16-R3	5,5	22	4,75	3	13	64	18	27	55,5
HUA-20-R3/ HUA-20-R3	6,6	27	6,25	4	16	70	22	34	58,5
HUA-25/ HUA-25-R3	6,6	29	6,25	4	16	71,5	26	38	61
HUA-32/ HUA-32-R3	6,6	34	8,25	5	18	80,5	32	48	68,5
HUA-40/ HUA-40-R3	9	40,5	8,25	5	20	85,5	42	58	72
HUA-50/ HUA-50-R3	9	47	8,25	6	24	93,5	50	66	77
HUA-63/ HUA-63-R3	11	56,5	11,75	6	27	104	62	85	84,5
HUA-80/ HUA-80-R3	11	68,5	11,75	8	30	116	82	105	94
HUA-100/ HUA-100-R3	13,5	81	11,75	8	33	132,5	103	126	109,5
HNC-125/ CRHNC-125	16,5	90	22	8	45	171	90	131	144

Dimensions

Dimensions – Flange mounting FUA for piston Ø 12 ... 100 mm/flange mounting FNC for piston Ø 125 mm (without illustration)

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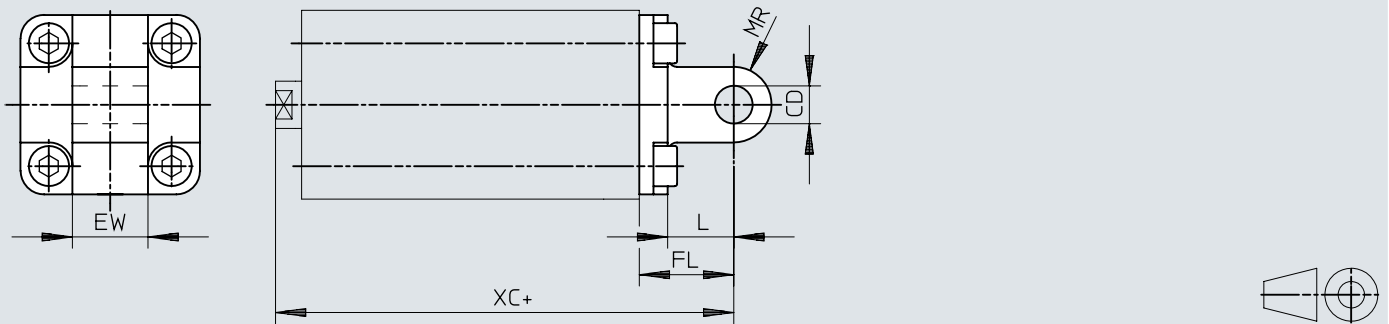
[1] += plus stroke length

	E	FB Ø	MF	R	TF	UF	ZF
FUA-12/16	29	5,5	10	–	43	55	52,5
FUA-20	36	6,6	10	–	55	70	52,5
FUA-25	40	6,6	10	–	60	76	55
FUA-32	50	7	10	32	65	80	60,5
FUA-40	60	9	10	36	82	102	62
FUA-50	68	9	12	45	90	110	65
FUA-63	87	9	15	50	110	130	72,5
FUA-80	107	12	15	63	135	160	76
FUA-100	128	14	15	75	163	190	91,5
FNC-125	132	16	20	90	180	210	119

Dimensions

Dimensions – Swivel flange SUA for piston Ø 12 ... 25 mm

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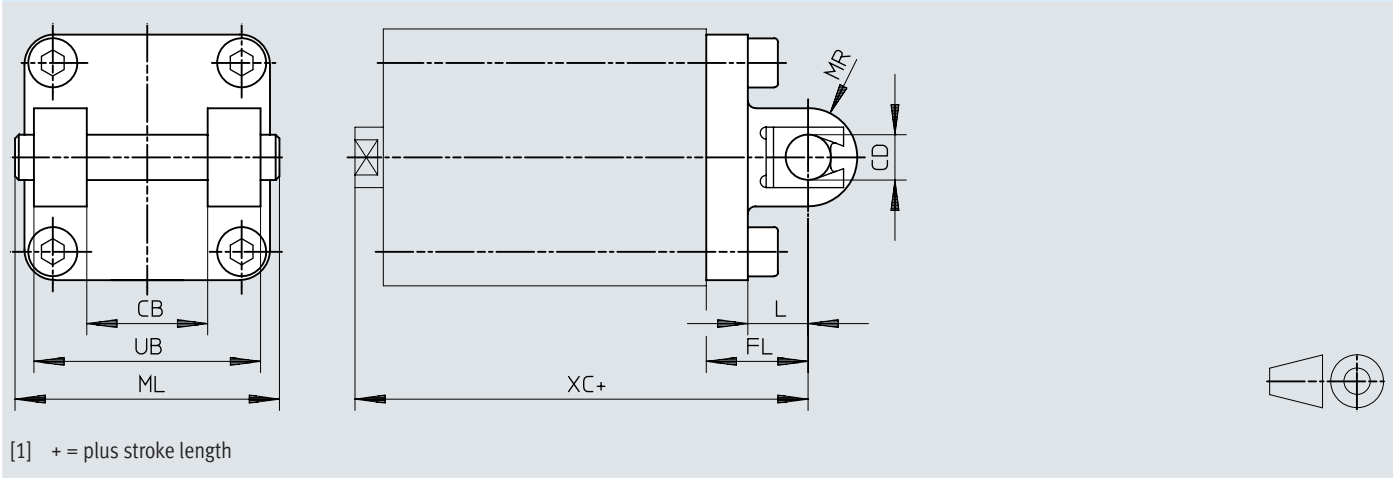


[1] + = plus stroke length

	CD Ø	EW	FL	L	MR	XC
SUA-12/16/ SUA12/16-R3	6	12	16	10	6	58,5
SUA-20-R3/ SUA-20-R3	8	16	20	14	8	62,5
SUA-25/ SUA-25-R3	8	16	20	14	8	65

Dimensions

Dimensions – Swivel flange SUA for piston Ø 32 ... 100 mm Download CAD data www.festo.com

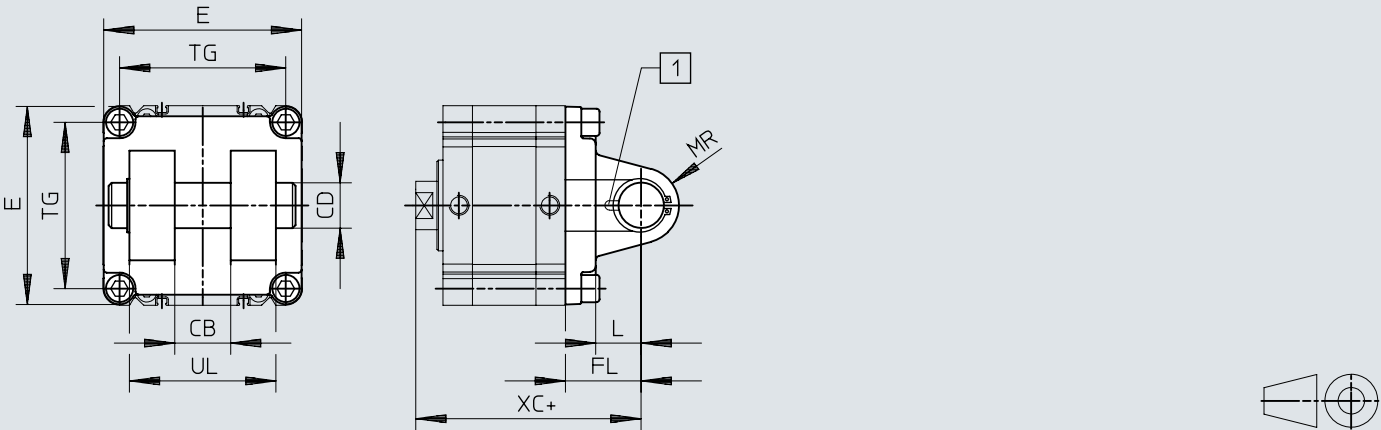


	CB	CD ø	FL	L	ML	MR	UB	XC
SUA-32/ SUA-32-R3	26	10	22	13	54	10	45	72,5
SUA-40/ SUA-40-R3	28	12	25	16	62	12	52	77
SUA-50/ SUA-50-R3	32	12	27	16	70	12	60	80
SUA-63/ SUA-63-R3	40	16	32	21	82	16	70	89,5
SUA-80/ SUA-80-R3	50	16	36	23	102	16	90	100
SUA-100/ SUA-100-R3	60	20	41	26	126	20	110	117,5

Dimensions

Dimensions – Swivel flange SNC-125 for piston Ø 125 mm

Download CAD data www.festo.com



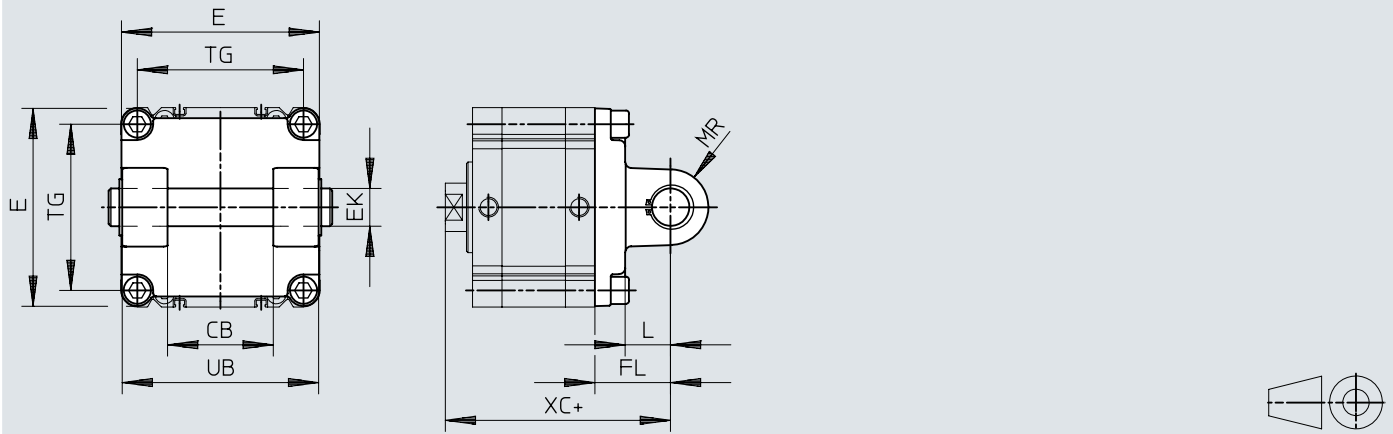
[1] The pivot pin is secured against rotation by means of a spring pin

[2] + = plus stroke length

	CB	CD Ø	E	FL	L	MR	TG	UL	XC
	H14	H9	-0,8	±0,2				h14	
SNC-125	37	30	131	50	30	25	110	97	149

Dimensions

Dimensions – Swivel flange SNCB-125 for piston Ø 125 mm Download CAD data www.festo.com



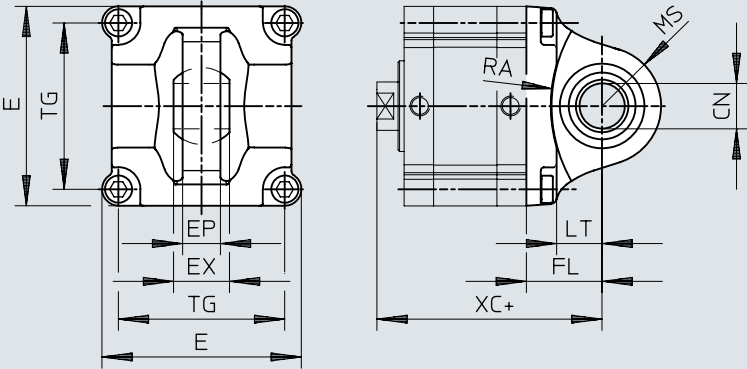
[1] + = plus stroke length

	CB	E	EK Ø	FL	L	MR	TG	UB	XC
	H14	−0,8	H9/e8	±0,2		−0,5		h14	
SNCB-125-R3	70	131	25	50	30	25	110	130	149

Dimensions

Dimensions – Swivel flange SNCS-125 for piston Ø 125 mm

Download CAD data www.festo.com



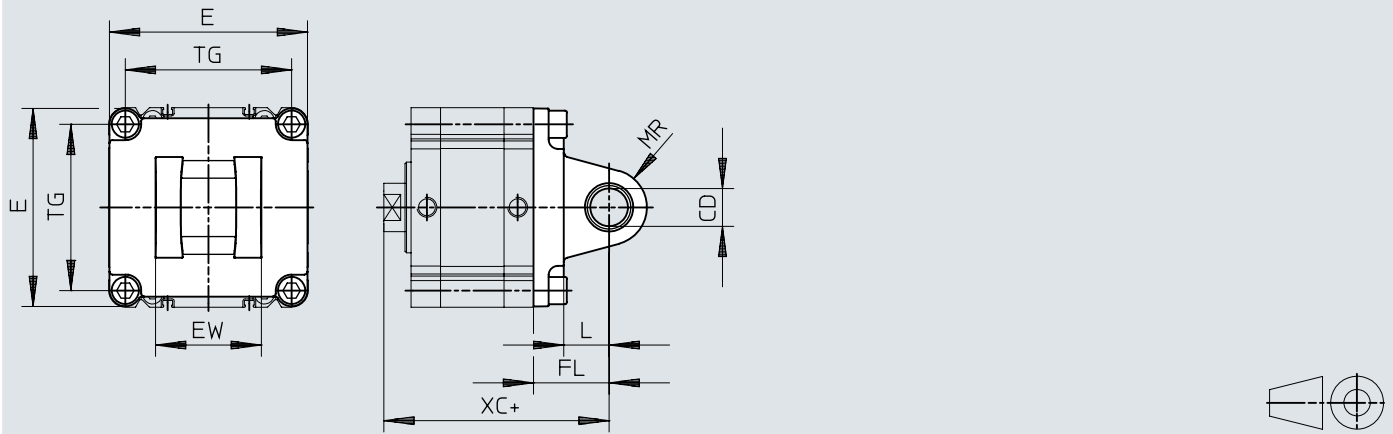
[1] + = plus stroke length

	CN		E		EP	EX	FL
	ADVU-...	ADVU-...-R3	ADVU-...	ADVU-...-R3	±0,2		±0,2
SNCS-125/SNCS-125-R3	30 ^{+0,018}	30 ^{+0,021/-0,04}	132 ^{+1/-0,7}	132 ^{+1/-0,7}	25	37	50

	LT	MS		RA		TG	XC
		ADVU-...	ADVU-...-R3	ADVU-... +1	ADVU-...-R3 +1		
SNCS-125/SNCS-125-R3	30	39±0,5	39±0,5	100	100	110	149

Dimensions

Dimensions – Swivel flange SNCL-125 for piston Ø 125 mm Download CAD data www.festo.com



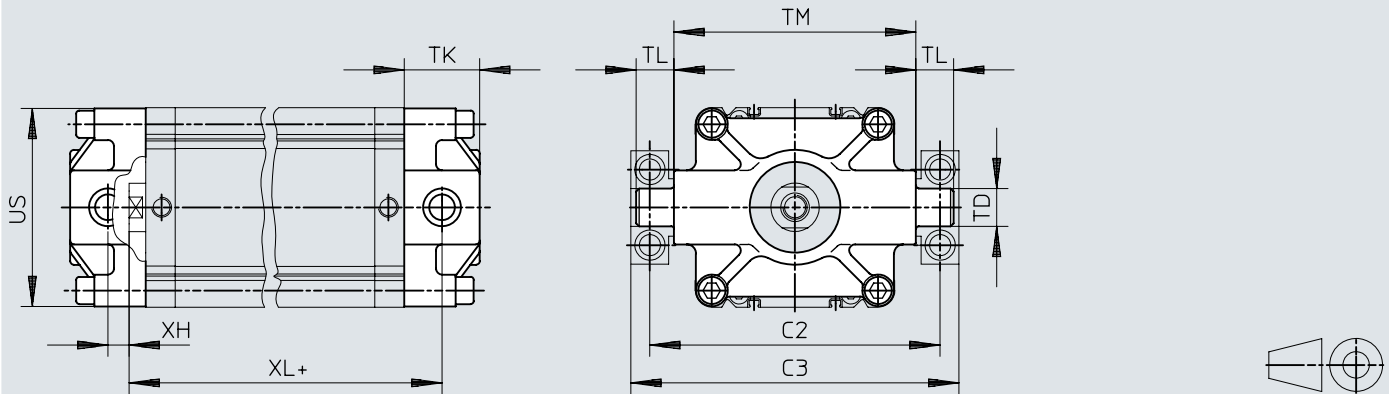
[1] + = plus stroke length

	CD Ø H9	E	EW	FL	L	MR	TG	XC
SNCL-125	25	-0,8	-0,2/-0,6	±0,2	30	25	110	149

Dimensions

Dimensions – Trunnion flange ZNCF-125 for piston Ø 125 mm

Download CAD data www.festo.com

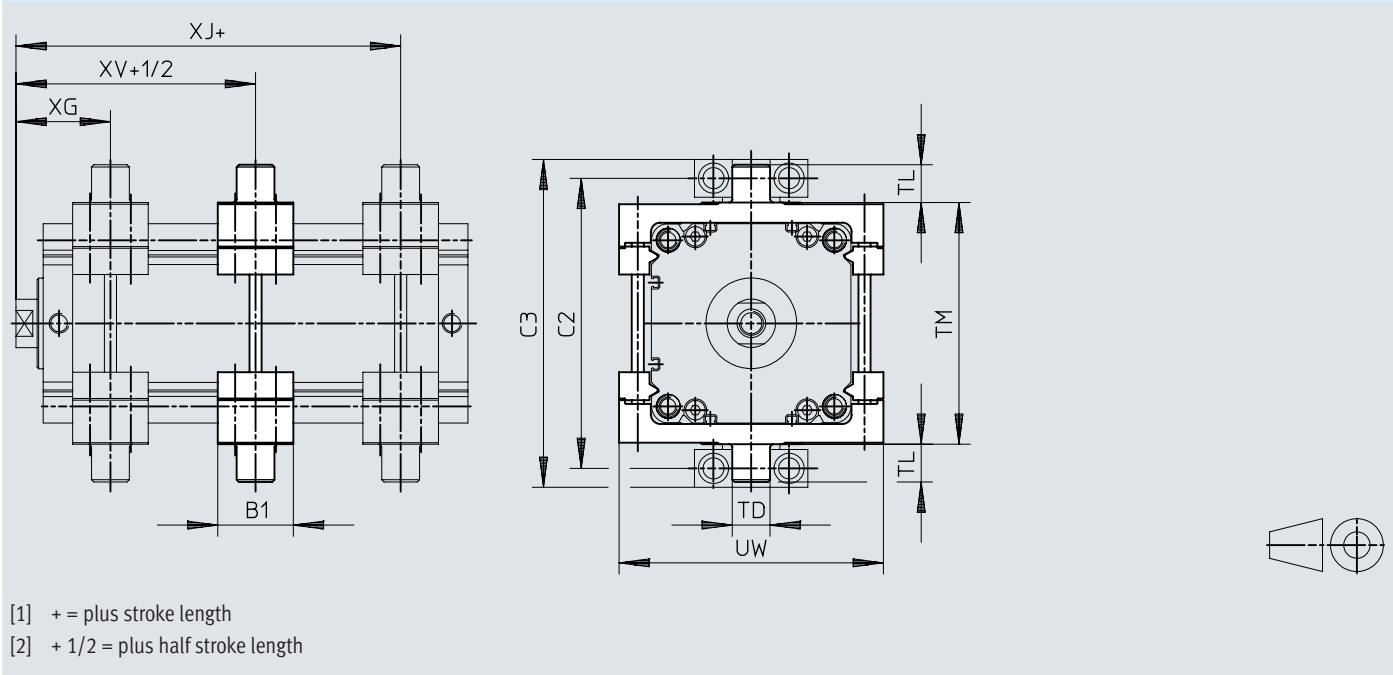


[1] + = plus stroke length

	C2	C3	TD Ø e9	TK max.	TL +0,5/-0,7	TM h14	US	XH	XL
ZNCF-125	192	217	25	50	24,5	160	131	14	124

Dimensions

Dimensions – Trunnion kit DAMT-V7-125-A for piston Ø 125 mm Download CAD data www.festo.com

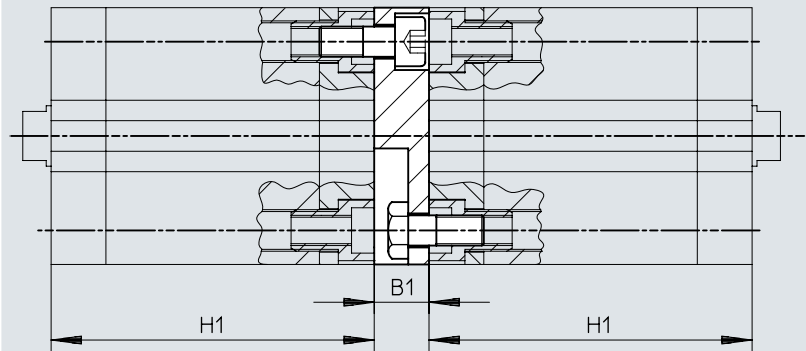


	C1	C2	B1	TD Ø e9	TL	TM	UW	XG	XV	XJ
DAMT-V7-125-A-125	217	192	50	25	25	160	175	62,5	58,5	54,5

Dimensions

Dimensions – DPVU multi-position kit for piston Ø 12 ... 100 mm

Download CAD data www.festo.com

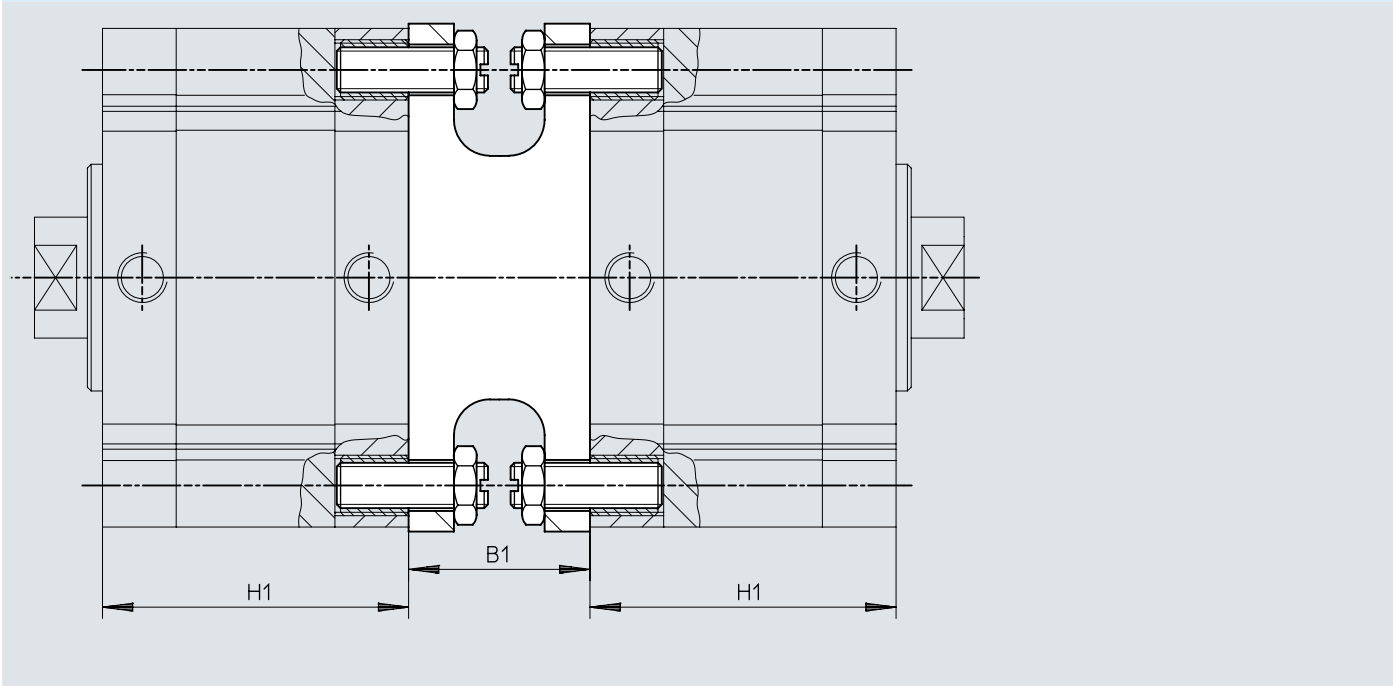


	B1	H	1)
DPVU-12/16	12,5	38	400
DPVU-20	12,5	38	
DPVU-25	13	39,5	
DPVU-32	14,5	44,5	600
DPVU-40	14,5	45,5	
DPVU-50	14,5	45,5	
DPVU-63	14,5	50	800
DPVU-80	16,5	56	
DPVU-100	19,5	66,5	

1) Max. total stroke length [mm]

Dimensions

Dimensions – DPNC multi-position kit for piston Ø 125 mm Download CAD data www.festo.com



	B1	H	1)
DPNC-125	48	81	1000

1) Max. total stroke length [mm]

Ordering data

ADVU				
Piston diameter	Piston rod end	Stroke	Part no.	Type
12 mm	External thread	1 ... 200 mm	156040	ADVU-12- -A-P-A
		5 mm	156586	ADVU-12-5-A-P-A
		10 mm	156587	ADVU-12-10-A-P-A
		15 mm	156588	ADVU-12-15-A-P-A
		20 mm	156589	ADVU-12-20-A-P-A
		25 mm	156590	ADVU-12-25-A-P-A
		30 mm	156591	ADVU-12-30-A-P-A
		40 mm	156592	ADVU-12-40-A-P-A
	Internal thread	1 ... 200 mm	156000	ADVU-12- -P-A
		5 mm	156500	ADVU-12-5-P-A
		10 mm	156501	ADVU-12-10-P-A
		15 mm	156502	ADVU-12-15-P-A
		20 mm	156503	ADVU-12-20-P-A
		25 mm	156504	ADVU-12-25-P-A
		30 mm	156505	ADVU-12-30-P-A
		40 mm	156506	ADVU-12-40-P-A
16 mm	External thread	1 ... 200 mm	156041	ADVU-16- -A-P-A
		5 mm	156593	ADVU-16-5-A-P-A
		10 mm	156594	ADVU-16-10-A-P-A
		15 mm	156595	ADVU-16-15-A-P-A
		20 mm	156596	ADVU-16-20-A-P-A
		25 mm	156597	ADVU-16-25-A-P-A
		30 mm	156598	ADVU-16-30-A-P-A
		40 mm	156599	ADVU-16-40-A-P-A
	Internal thread	1 ... 200 mm	156001	ADVU-16- -P-A
		5 mm	156507	ADVU-16-5-P-A
		10 mm	156508	ADVU-16-10-P-A
		15 mm	156509	ADVU-16-15-P-A
		20 mm	156510	ADVU-16-20-P-A
		25 mm	156511	ADVU-16-25-P-A
		30 mm	156512	ADVU-16-30-P-A
		40 mm	156513	ADVU-16-40-P-A
20 mm	External thread	1 ... 200 mm	156042	ADVU-20- -A-P-A
		5 mm	156600	ADVU-20-5-A-P-A
		10 mm	156601	ADVU-20-10-A-P-A
		15 mm	156602	ADVU-20-15-A-P-A
		20 mm	156603	ADVU-20-20-A-P-A
		25 mm	156604	ADVU-20-25-A-P-A
		30 mm	156605	ADVU-20-30-A-P-A
		40 mm	156606	ADVU-20-40-A-P-A
		50 mm	156607	ADVU-20-50-A-P-A
	Internal thread	1 ... 200 mm	156002	ADVU-20- -P-A
		5 mm	156514	ADVU-20-5-P-A
		10 mm	156515	ADVU-20-10-P-A
		15 mm	156516	ADVU-20-15-P-A
		20 mm	156517	ADVU-20-20-P-A
		25 mm	156518	ADVU-20-25-P-A
		30 mm	156519	ADVU-20-30-P-A
		40 mm	156520	ADVU-20-40-P-A
25 mm	External thread	1 ... 200 mm	156043	ADVU-25- -A-P-A
		5 mm	156608	ADVU-25-5-A-P-A
		10 mm	156609	ADVU-25-10-A-P-A
		15 mm	156610	ADVU-25-15-A-P-A
		20 mm	156611	ADVU-25-20-A-P-A
		25 mm	156612	ADVU-25-25-A-P-A
		30 mm	156613	ADVU-25-30-A-P-A
		40 mm	156614	ADVU-25-40-A-P-A
		50 mm	156615	ADVU-25-50-A-P-A
	Internal thread	1 ... 200 mm	156003	ADVU-25- -P-A
		5 mm	156522	ADVU-25-5-P-A

Ordering data

ADVU				
Piston diameter	Piston rod end	Stroke	Part no.	Type
25 mm	Internal thread	10 mm	156523	ADVU-25-10-P-A
		15 mm	156524	ADVU-25-15-P-A
		20 mm	156525	ADVU-25-20-P-A
		25 mm	156526	ADVU-25-25-P-A
		30 mm	156527	ADVU-25-30-P-A
		40 mm	156528	ADVU-25-40-P-A
		50 mm	156529	ADVU-25-50-P-A
32 mm	External thread	1 ... 300 mm	156044	ADVU-32- -A-P-A
		5 mm	156616	ADVU-32-5-A-P-A
		10 mm	156617	ADVU-32-10-A-P-A
		15 mm	156618	ADVU-32-15-A-P-A
		20 mm	156619	ADVU-32-20-A-P-A
		25 mm	156620	ADVU-32-25-A-P-A
		30 mm	156621	ADVU-32-30-A-P-A
		40 mm	156622	ADVU-32-40-A-P-A
		50 mm	156623	ADVU-32-50-A-P-A
		60 mm	156624	ADVU-32-60-A-P-A
		80 mm	156625	ADVU-32-80-A-P-A
	Internal thread	1 ... 300 mm	156004	ADVU-32- -P-A
		5 mm	156530	ADVU-32-5-P-A
		10 mm	156531	ADVU-32-10-P-A
		15 mm	156532	ADVU-32-15-P-A
		20 mm	156533	ADVU-32-20-P-A
		25 mm	156534	ADVU-32-25-P-A
		30 mm	156535	ADVU-32-30-P-A
		40 mm	156536	ADVU-32-40-P-A
		50 mm	156537	ADVU-32-50-P-A
		60 mm	156538	ADVU-32-60-P-A
		80 mm	156539	ADVU-32-80-P-A
40 mm	External thread	1 ... 300 mm	156045	ADVU-40- -A-P-A
		5 mm	156626	ADVU-40-5-A-P-A
		10 mm	156627	ADVU-40-10-A-P-A
		15 mm	156628	ADVU-40-15-A-P-A
		20 mm	156629	ADVU-40-20-A-P-A
		25 mm	156630	ADVU-40-25-A-P-A
		30 mm	156631	ADVU-40-30-A-P-A
		40 mm	156632	ADVU-40-40-A-P-A
		50 mm	156633	ADVU-40-50-A-P-A
		60 mm	156634	ADVU-40-60-A-P-A
		80 mm	156635	ADVU-40-80-A-P-A
	Internal thread	1 ... 300 mm	156005	ADVU-40- -P-A
		5 mm	156540	ADVU-40-5-P-A
		10 mm	156541	ADVU-40-10-P-A
		15 mm	156542	ADVU-40-15-P-A
		20 mm	156543	ADVU-40-20-P-A
		25 mm	156544	ADVU-40-25-P-A
		30 mm	156545	ADVU-40-30-P-A
		40 mm	156546	ADVU-40-40-P-A
		50 mm	156547	ADVU-40-50-P-A
		60 mm	156548	ADVU-40-60-P-A
		80 mm	156549	ADVU-40-80-P-A
50 mm	External thread	1 ... 300 mm	156046	ADVU-50- -A-P-A
		10 mm	156636	ADVU-50-10-A-P-A
		15 mm	156637	ADVU-50-15-A-P-A
		20 mm	156638	ADVU-50-20-A-P-A
		25 mm	156639	ADVU-50-25-A-P-A
		30 mm	156640	ADVU-50-30-A-P-A
		40 mm	156641	ADVU-50-40-A-P-A
		50 mm	156642	ADVU-50-50-A-P-A
		60 mm	156643	ADVU-50-60-A-P-A
		80 mm	156644	ADVU-50-80-A-P-A

Ordering data

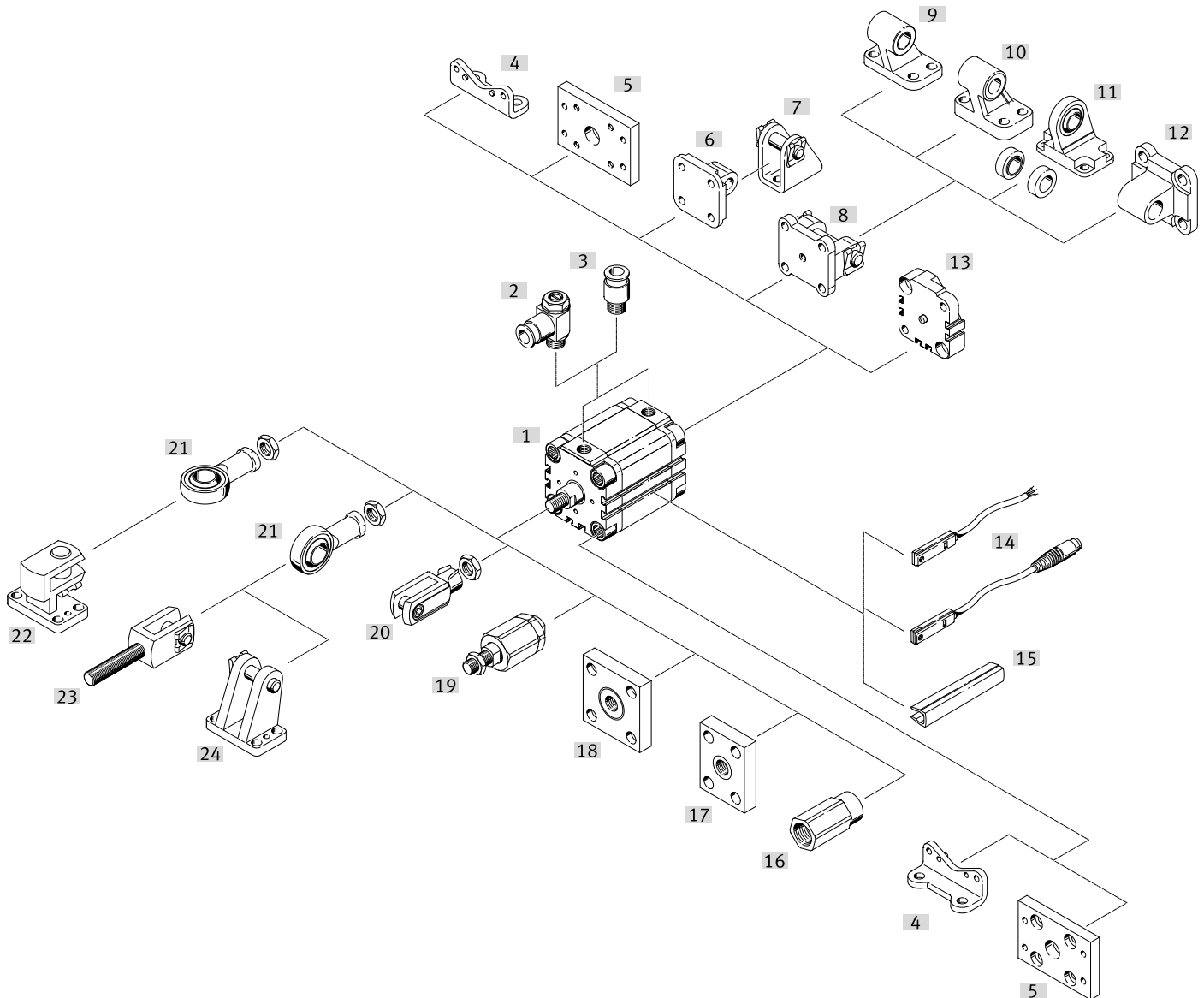
ADVU				
Piston diameter	Piston rod end	Stroke	Part no.	Type
50 mm	Internal thread	1 ... 300 mm	156006	ADVU-50- -P-A
		10 mm	156550	ADVU-50-10-P-A
		15 mm	156551	ADVU-50-15-P-A
		20 mm	156552	ADVU-50-20-P-A
		25 mm	156553	ADVU-50-25-P-A
		30 mm	156554	ADVU-50-30-P-A
		40 mm	156555	ADVU-50-40-P-A
		50 mm	156556	ADVU-50-50-P-A
		60 mm	156557	ADVU-50-60-P-A
		80 mm	156558	ADVU-50-80-P-A
63 mm	External thread	1 ... 300 mm	156047	ADVU-63- -A-P-A
		10 mm	156645	ADVU-63-10-A-P-A
		15 mm	156646	ADVU-63-15-A-P-A
		20 mm	156647	ADVU-63-20-A-P-A
		25 mm	156648	ADVU-63-25-A-P-A
		30 mm	156649	ADVU-63-30-A-P-A
		40 mm	156650	ADVU-63-40-A-P-A
		50 mm	156651	ADVU-63-50-A-P-A
		60 mm	156652	ADVU-63-60-A-P-A
		80 mm	156653	ADVU-63-80-A-P-A
	Internal thread	1 ... 300 mm	156007	ADVU-63- -P-A
		10 mm	156559	ADVU-63-10-P-A
		15 mm	156560	ADVU-63-15-P-A
		20 mm	156561	ADVU-63-20-P-A
		25 mm	156562	ADVU-63-25-P-A
		30 mm	156563	ADVU-63-30-P-A
		40 mm	156564	ADVU-63-40-P-A
		50 mm	156565	ADVU-63-50-P-A
		60 mm	156566	ADVU-63-60-P-A
		80 mm	156567	ADVU-63-80-P-A
80 mm	External thread	1 ... 400 mm	156048	ADVU-80- -A-P-A
		10 mm	156654	ADVU-80-10-A-P-A
		15 mm	156655	ADVU-80-15-A-P-A
		20 mm	156656	ADVU-80-20-A-P-A
		25 mm	156657	ADVU-80-25-A-P-A
		30 mm	156658	ADVU-80-30-A-P-A
		40 mm	156659	ADVU-80-40-A-P-A
		50 mm	156660	ADVU-80-50-A-P-A
		60 mm	156661	ADVU-80-60-A-P-A
		80 mm	156662	ADVU-80-80-A-P-A
	Internal thread	1 ... 400 mm	156008	ADVU-80- -P-A
		10 mm	156568	ADVU-80-10-P-A
		15 mm	156569	ADVU-80-15-P-A
		20 mm	156570	ADVU-80-20-P-A
		25 mm	156571	ADVU-80-25-P-A
		30 mm	156572	ADVU-80-30-P-A
		40 mm	156573	ADVU-80-40-P-A
		50 mm	156574	ADVU-80-50-P-A
100 mm	External thread	1 ... 400 mm	156049	ADVU-100- -A-P-A
		10 mm	156663	ADVU-100-10-A-P-A
		15 mm	156664	ADVU-100-15-A-P-A
		20 mm	156665	ADVU-100-20-A-P-A
		25 mm	156666	ADVU-100-25-A-P-A
		30 mm	156667	ADVU-100-30-A-P-A
		40 mm	156668	ADVU-100-40-A-P-A
		50 mm	156669	ADVU-100-50-A-P-A
		60 mm	156670	ADVU-100-60-A-P-A
		80 mm	156671	ADVU-100-80-A-P-A
	Internal thread	1 ... 400 mm	156009	ADVU-100- -P-A

Ordering data

ADVU				
Piston diameter	Piston rod end	Stroke	Part no.	Type
100 mm	Internal thread	10 mm	156577	ADVU-100-10-P-A
		15 mm	156578	ADVU-100-15-P-A
		20 mm	156579	ADVU-100-20-P-A
		30 mm	156581	ADVU-100-30-P-A
		40 mm	156582	ADVU-100-40-P-A
		50 mm	156583	ADVU-100-50-P-A
		60 mm	156584	ADVU-100-60-P-A
		80 mm	156585	ADVU-100-80-P-A
125 mm	External thread	1 ... 400 mm	175771	ADVU-125- -A-P-A
		10 mm	175762	ADVU-125-10-A-P-A
		15 mm	175763	ADVU-125-15-A-P-A
		20 mm	175764	ADVU-125-20-A-P-A
		25 mm	175765	ADVU-125-25-A-P-A
		30 mm	175766	ADVU-125-30-A-P-A
		40 mm	175767	ADVU-125-40-A-P-A
		50 mm	175768	ADVU-125-50-A-P-A
		60 mm	175769	ADVU-125-60-A-P-A
		80 mm	175770	ADVU-125-80-A-P-A
	Internal thread	1 ... 400 mm	175759	ADVU-125- -P-A
		10 mm	175750	ADVU-125-10-P-A
		15 mm	175751	ADVU-125-15-P-A
		20 mm	175752	ADVU-125-20-P-A
		25 mm	175753	ADVU-125-25-P-A
		30 mm	175754	ADVU-125-30-P-A
		40 mm	175755	ADVU-125-40-P-A
		50 mm	175756	ADVU-125-50-P-A
		60 mm	175757	ADVU-125-60-P-A
		80 mm	175758	ADVU-125-80-P-A

Peripherals overview

Peripherals overview ADVU/AEVU-12 ... 100



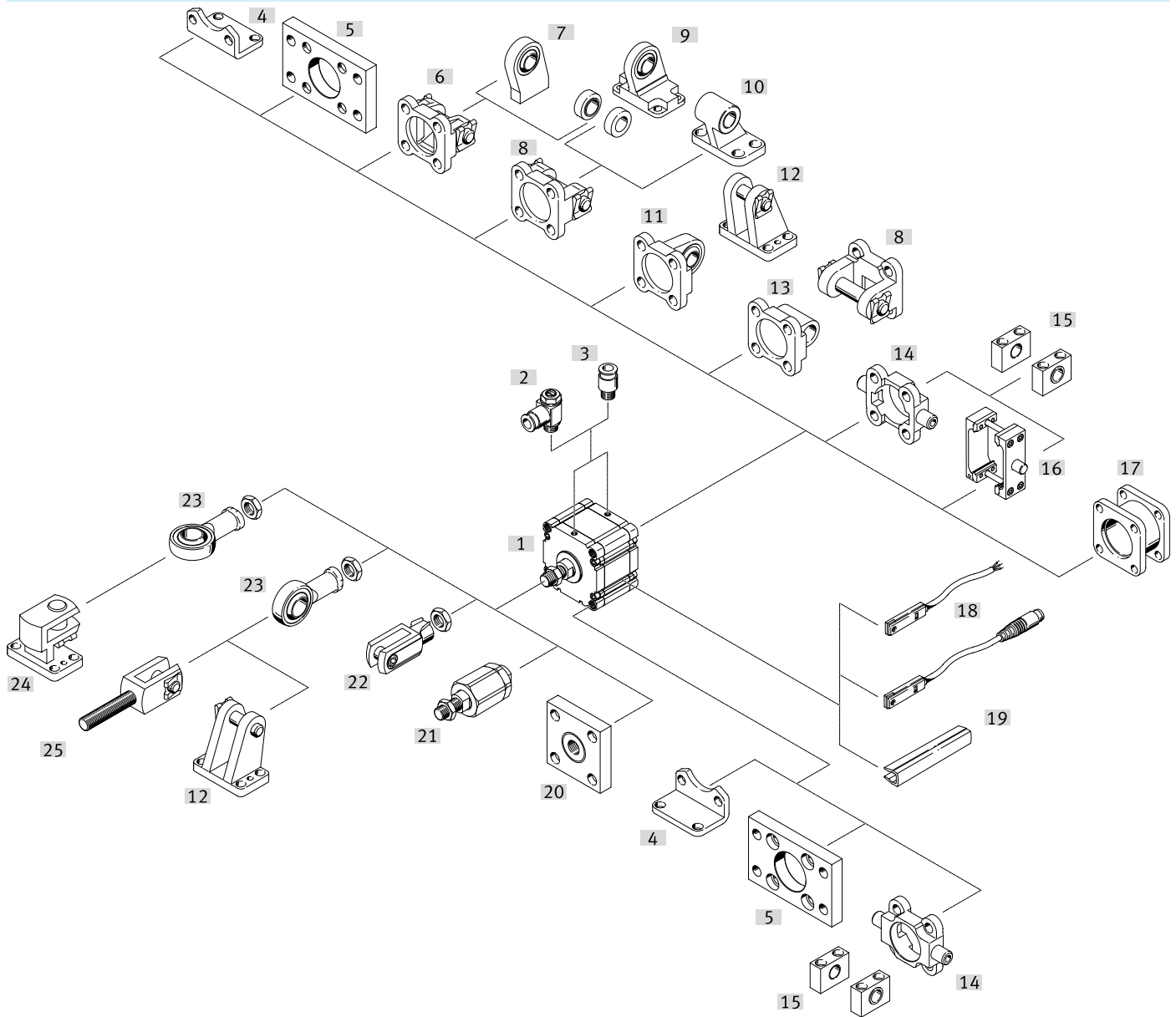
Accessories		→ Page/Internet
Type/order code	Description	
[1] ADVU/AEVU	Pneumatic drive	advu
[2] One-way flow control valve GRLA	For speed regulation	grla
[2] One-way flow control valve GRLZ	For speed regulation	grlz
[3] Push-in fitting QS	For connecting compressed air tubing with standard O.D.	qs
[4] Foot mounting HUA-...-R3	• For bearing and end caps • High corrosion protection	35
[4] Foot mounting HUA	For bearing and end caps	35
[5] Flange mounting FUA	For bearing or end caps	35
[6] Swivel flange SUA	• For end caps • For Ø 12 ... 25 mm	36
[7] Clevis foot CRLBN	High corrosion protection	39
[7] Clevis foot LBN	-	39
[8] Swivel flange SUA	• For end caps • For Ø 32 ... 100 mm	36
[9] Clevis foot LN	-	39
[10] Clevis foot CRLNG	High corrosion protection	40
[10] Clevis foot LNG	-	39
[11] Clevis foot LSN	With spherical bearing	39
[12] Swivel flange SNCL	-	37

Peripherals overview

Accessories		→ Page/Internet
Type/order code	Description	
[13] Mounting kit DPVU	For connecting two cylinders with the same piston Ø to form a multi-position cylinder	38
[14] Proximity switch SME-8	• Magnetic reed • Can be integrated in the cylinder profile barrel	43
[14] Proximity switch SMT-8	• Magneto-resistive • Can be integrated in the cylinder profile barrel	43
[15] Slot cover ABP-5-S	To protect the sensor cables and the sensor slots from contamination	44
[16] Adapter AD	For suction cup with connection	42
[17] Coupling piece KSZ	For cylinders with non-rotating piston rod to compensate for radial deviations	42
[18] Coupling piece KSG	To compensate for radial deviations	41
[19] Self-aligning rod coupler, CRFK	• To compensate for radial and angular deviations • High corrosion protection	42
[19] Self-aligning rod coupler FK	To compensate for radial and angular deviations	41
[20] Rod clevis CRSG	• Allows a swiveling movement of the cylinder in one plane • High corrosion protection	42
[20] Rod clevis SG	Allows a swiveling movement of the cylinder in one plane	41
[21] Rod eye CRSGS	• With spherical bearing • High corrosion protection	42
[21] Rod eye SGS	With spherical bearing	41
[22] Right angle clevis foot LQG	-	40
[23] Rod clevis SGA	With external thread	41
[24] Clevis foot LBG-...-R3	High corrosion protection	40
[24] Clevis foot LBG	-	40

Peripherals overview

Peripherals overview ADVU-125



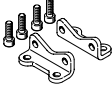
Accessories		→ Page/Internet
Type/order code	Description	
[1] ADVU	Pneumatic drive	ADVU/AEU
[2] One-way flow control valve GRLA	For speed regulation	grla
[2] One-way flow control valve GRLZ	For speed regulation	grlz
[3] Push-in fitting QS	For connecting compressed air tubing with standard O.D.	qs
[4] HNC foot mounting	For bearing and end caps	35
[4] Foot mounting CRHNC	- For bearing and end caps - High corrosion protection	35
[5] Flange mounting FNC	For bearing or end caps	35
[6] SNC swivel flange	For end caps	36
[7] Clevis foot LSNSG	Weld-on, with spherical bearing	39
[8] Swivel flange SNCB	For end caps	36
[8] Swivel flange SNCB-...-R3	- For end caps - For Ø 32 ... 100 mm - High corrosion protection	37
[9] Clevis foot LSN	With spherical bearing	39
[10] Clevis foot LN	-	39

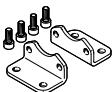
Peripherals overview

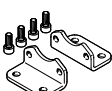
Accessories		→ Page/Internet
Type/order code	Description	
[11] Swivel flange SNCS	• With spherical bearing • For end caps	37
[11] Swivel flange SNCS-...-R3	• With spherical bearing • For end caps • High corrosion protection	37
[12] Clevis foot LBG	-	40
[12] Clevis foot LBG-...-R3	High corrosion protection	40
[13] Swivel flange SNCL	For end caps	37
[14] ZNCF trunnion flange	For bearing and end caps	36
[15] Trunnion support LNZG	-	38
[15] Trunnion support CRLNZG	High corrosion protection	38
[16] Trunnion flange kit DAMT	For mounting anywhere on the cylinder profile barrel	37
[17] Mounting kit DPNC	For connecting two cylinders with the same piston Ø to form a multi-position cylinder	38
[18] Proximity switch SME-8	• Magnetic reed • Can be integrated in the cylinder profile barrel	43
[18] Proximity switch SMT-8	• Magneto-resistive • Can be integrated in the cylinder profile barrel	43
[19] Slot cover ABP-5-S	To protect the sensor cables and the sensor slots from contamination	44
[20] Coupling piece KSG	To compensate for radial deviations	41
[21] Self-aligning rod coupler, CRFK	• To compensate for radial and angular deviations • High corrosion protection	42
[21] Self-aligning rod coupler FK	To compensate for radial and angular deviations	41
[22] Rod clevis CRSG	• Allows a swiveling movement of the cylinder in one plane • High corrosion protection	42
[22] Rod clevis SG	Allows a swiveling movement of the cylinder in one plane	41
[23] Rod eye CRSGS	• With spherical bearing • High corrosion protection	42
[23] Rod eye SGS	With spherical bearing	41
[24] Right angle clevis foot LQG	-	40
[25] Rod clevis SGA	With external thread	41

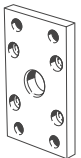
Accessories

Foot mounting HUA					
	Description	Mounting material	Product weight	Part no.	Type
	for diameter 12/16	Steel, Galvanized	45 g	157309	HUA-12/16
	For diameter 20		88 g	157310	HUA-20
	For diameter 25		94 g	157311	HUA-25
	for Ø 32		171 g	157312	HUA-32
	for Ø 40		220 g	157313	HUA-40
	for Ø 50		344 g	157314	HUA-50
	for Ø 63		581 g	157315	HUA-63
	for Ø 80		878 g	157316	HUA-80
	for Ø 100		1,117 g	157317	HUA-100

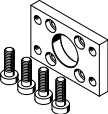
Foot mounting HUA-...-R3					
	Description	Mounting material	Product weight	Part no.	Type
	for diameter 12/16	Steel, With protective coating	45 g	176873	HUA-12/16-R3
	For diameter 20		70 g	176874	HUA-20-R3
	For diameter 25		76 g	176875	HUA-25-R3
	for Ø 32		175 g	176876	HUA-32-R3
	for Ø 40		224 g	176877	HUA-40-R3
	for Ø 50		352 g	176878	HUA-50-R3
	for Ø 63		593 g	176879	HUA-63-R3
	for Ø 80		902 g	176880	HUA-80-R3
	for Ø 100		1,128 g	176881	HUA-100-R3

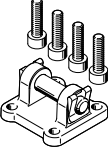
HNC foot mounting					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Steel, Galvanized	1,902 g	174375	HNC-125

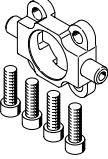
Foot mounting CRHNC					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	high-alloy stainless steel	1,920 g	176943	CRHNC-125

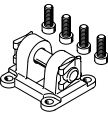
Flange mounting FUA					
	Description	Mounting material	Product weight	Part no.	Type
	for diameter 12/16	Wrought aluminum alloy	48 g	157299	FUA-12/16
	For diameter 20		77 g	157300	FUA-20
	For diameter 25		91 g	157301	FUA-25
	for Ø 32		290 g	157302	FUA-32
	for Ø 40		449 g	157303	FUA-40
	for Ø 50		658 g	157304	FUA-50
	for Ø 63		1,277 g	157305	FUA-63
	for Ø 80		1,910 g	157306	FUA-80
	for Ø 100		2,716 g	157307	FUA-100

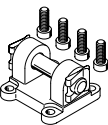
Accessories

Flange mounting FNC					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Steel, Galvanized	3,780 g	174382	FNC-125

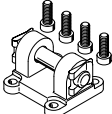
Swivel flange SUA					
	Description	Mounting material	Product weight	Part no.	Type
	for diameter 12/16	Wrought aluminum alloy	22 g	157319	SUA-12/16
	For diameter 20		41 g	157320	SUA-20
	For diameter 25		45 g	157321	SUA-25
	for Ø 32		138 g	157322	SUA-32
	for Ø 40		199 g	157323	SUA-40
	for Ø 50		288 g	157324	SUA-50
	for Ø 63		531 g	157325	SUA-63
	for Ø 80		764 g	157326	SUA-80
	for Ø 100		1,285 g	157327	SUA-100

ZNCF trunnion flange					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Cast stainless steel	3,484 g	174417	ZNCF-125

SNC swivel flange					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Die-cast aluminum	1,732 g	174389	SNC-125

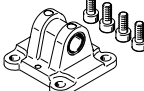
Swivel flange SNCB					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Die-cast aluminum	103 g	174390	SNCB-32

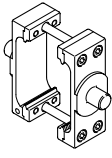
Accessories

Swivel flange SNCB-...-R3					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Die-cast aluminum, With protective coating	1,781 g	176950	SNCB-125-R3

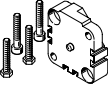
Swivel flange SNCS						
	Description	Mounting material	Note on materials	Product weight	Part no.	Type
	for Ø 125	Wrought aluminum alloy	RoHS compliant	1,360 g	174403	SNCS-125

Swivel flange SNCS-...-R3					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Wrought aluminum alloy, With protective coating	1,360 g	2895926	SNCS-125-R3

Swivel flange SNCL					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Die-cast aluminum	71 g	174404	SNCL-32
	for Ø 40		95 g	174405	SNCL-40
	for Ø 50		158 g	174406	SNCL-50
	for Ø 63		225 g	174407	SNCL-63
	for Ø 80		436 g	174408	SNCL-80
	for Ø 100		606 g	174409	SNCL-100
	for Ø 125		1,135 g	174410	SNCL-125

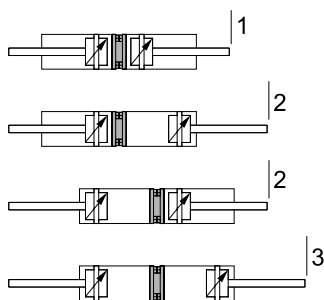
Trunnion flange kit DAMT					
	Description	Trunnion flange material	Product weight	Part no.	Type
	for Ø 125	Steel, galvanized	3,013.3 g	163531	DAMT-V7-125-A

Accessories

Mounting kit DPVU					
	Description	Material of flange	Product weight	Part no.	Type
	for diameter 12/16	Wrought aluminum alloy	35 g	161194	DPVU-12/16
	For diameter 20		54 g	161195	DPVU-20
	For diameter 25		65 g	161196	DPVU-25
	for Ø 32		111 g	161197	DPVU-32
	for Ø 40		155 g	161198	DPVU-40
	for Ø 50		212 g	161199	DPVU-50
	for Ø 63		372 g	161200	DPVU-63
	for Ø 80		580 g	161201	DPVU-80
	for Ø 100		935 g	161202	DPVU-100

Mounting kit DPNC					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Wrought aluminum alloy	2,090 g	174424	DPNC-125

Connecting two cylinders with the same piston diameter to form a three- or four-position cylinder

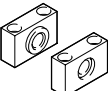


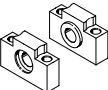
A multi-position cylinder consists of two separate cylinders whose piston rods extend in opposite directions. This means that depending on actuation and stroke configuration, this type of cylinder can assume up to four positions. In each case the cylinder is driven precisely against a stop.

Note that when one end of the piston rod is fixed, the cylinder barrel executes the movement. This means that the connections to the cylinder have to be flexible.

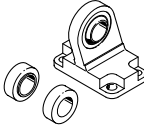
Achieving 3 positions: two cylinders of the same stroke length have to be connected together

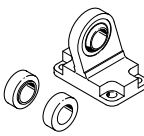
Achieving 4 positions: two cylinders with different stroke lengths have to be connected together

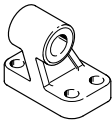
Trunnion support LN2G					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 100, 125	Wrought aluminum alloy	306 g	32962	LN2G-100/125

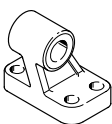
Trunnion support CRLN2G					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 100, 125	high-alloy stainless steel	739 g	161877	CRLN2G-100/125

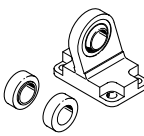
Accessories

Clevis foot LBN					
	Description	Mounting material	Product weight	Part no.	Type
	for diameter 12/16	Steel, Galvanized	40 g	6058	LBN-12/16
	for diameter 20/25		84 g	6059	LBN-20/25

Clevis foot CRLBN					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 12, 16	high-alloy stainless steel	39 g	161862	CRLBN-12/16
	For diameters 20, 25		82 g	161863	CRLBN-20/25

Clevis foot LN					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Quenched and tempered steel	149 g	5147	LN-32
	for Ø 40		192 g	5148	LN-40
	for Ø 50		322 g	5149	LN-50
	for Ø 63	Spheroidal graphite cast iron	492 g	5150	LN-63
	for Ø 80		793 g	5151	LN-80
	for Ø 100		1,232 g	5152	LN-100
	for Ø 125		2,630 g	9036	LN-125

Clevis foot LNG					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Quenched and tempered steel	133 g	33890	LNG-32
	for Ø 40		161 g	33891	LNG-40
	for Ø 50		281 g	33892	LNG-50
	for Ø 63	Spheroidal graphite cast iron	439 g	33893	LNG-63
	for Ø 80		727 g	33894	LNG-80
	for Ø 100		1,139 g	33895	LNG-100

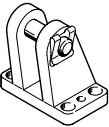
Clevis foot LSN					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	High-alloy steel	162 g	5561	LSN-32
	for Ø 40		219 g	5562	LSN-40
	for Ø 50		366 g	5563	LSN-50
	for Ø 63	Spheroidal graphite cast iron	472 g	5564	LSN-63
	for Ø 80		755 g	5565	LSN-80
	for Ø 100		1,166 g	5566	LSN-100
	for Ø 125		2,705 g	6987	LSN-125

Accessories

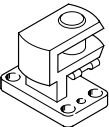
Clevis foot LSNSG

	Description	Mounting material	Product weight	Part no.	Type
	for Ø 125	Spheroidal graphite cast iron	3,038 g	31746	LSNG-125

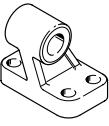
Clevis foot LBG

	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Cast stainless steel	220 g	31761	LBG-32
	for Ø 40		300 g	31762	LBG-40
	for Ø 50		540 g	31763	LBG-50
	for Ø 63		580 g	31764	LBG-63
	for Ø 80	Spheroidal graphite cast iron	1,050 g	31765	LBG-80
	for Ø 100		1,375 g	31766	LBG-100
	for Ø 125		4,140 g	31767	LBG-125

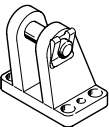
Right angle clevis foot LQG

	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Cast stainless steel	301 g	31768	LQG-32
	for Ø 40		369 g	31769	LQG-40
	for Ø 50		706 g	31770	LQG-50
	for Ø 63	Spheroidal graphite cast iron	784 g	31771	LQG-63
	for Ø 80		1,126 g	31772	LQG-80
	for Ø 100		1,493 g	31773	LQG-100
	for Ø 125		3,778 g	31774	LQG-125

Clevis foot CRLNG

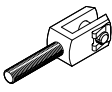
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Electropolished, High-alloy steel	133 g	161840	CRLNG-32
	for Ø 40		161 g	161841	CRLNG-40
	for Ø 50		281 g	161842	CRLNG-50
	for Ø 63		370 g	161843	CRLNG-63
	for Ø 80		562 g	161844	CRLNG-80
	for Ø 100		915 g	161845	CRLNG-100

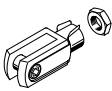
Clevis foot LBG-R3

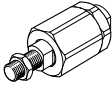
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	high-alloy stainless steel	220 g	2078790	LBG-32-R3
	for Ø 40		300 g	2078792	LBG-40-R3
	for Ø 50		540 g	2078794	LBG-50-R3
	for Ø 63		580 g	2078795	LBG-63-R3
	for Ø 80		1,050 g	2078797	LBG-80-R3
	for Ø 100		1,375 g	2078799	LBG-100-R3
	for Ø 125		4,140 g	2078837	LBG-125-R3

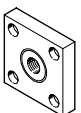
Accessories

Rod eye SGS					
	Description	Housing material	Product weight	Part no.	Type
	For diameter 12	Steel, galvanized	30 g	9254	SGS-M6
	For diameter 16		54 g	9255	SGS-M8
	for Ø 32		88 g	9261	SGS-M10X1,25
	for Ø 40		130 g	9262	SGS-M12X1,25
	for Ø 50, for Ø 63		261 g	9263	SGS-M16X1,5
	for Ø 80, for Ø 100		468 g	9264	SGS-M20X1,5
	for Ø 125		1,339 g	10774	SGS-M27X2

Rod clevis SGA					
	Description	Material of rod eye	Product weight	Part no.	Type
	for Ø 32		130 g	32954	SGA-M10X1,25
	for Ø 40		225 g	10767	SGA-M12X1,25
	for Ø 50, for Ø 63		515 g	10768	SGA-M16X1,5
	for Ø 80, for Ø 100		960 g	10769	SGA-M20X1,5
	for Ø 125		2,190 g	10770	SGA-M27X2

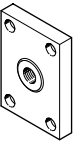
Rod clevis SG					
	Description	Clevis material	Product weight	Part no.	Type
	For diameter 12	Steel, Galvanized	22 g	3110	SG-M6
	For diameter 16		53 g	3111	SG-M8
	for Ø 32		103 g	6144	SG-M10X1,25
	for Ø 40		166 g	6145	SG-M12X1,25
	for Ø 50, for Ø 63		375 g	6146	SG-M16X1,5
	for Ø 80, for Ø 100		793 g	6147	SG-M20X1,5
	for Ø 125		2,135 g	14987	SG-M27X2-B

Self-aligning rod coupler FK					
	Description	Housing material	Product weight	Part no.	Type
	For diameter 12	Steel, galvanized	24 g	2061	FK-M6
	For diameter 16		56 g	2062	FK-M8
	for Ø 32		236 g	6140	FK-M10X1,25
	for Ø 40		245 g	6141	FK-M12X1,25
	for Ø 50, for Ø 63		709 g	6142	FK-M16X1,5
	for Ø 80, for Ø 100		792 g	6143	FK-M20X1,5
	for Ø 125		2,129 g	10485	FK-M27X2

Coupling piece KSG					
	Description	Mounting material	Product weight	Part no.	Type
	for Ø 32	Steel, Galvanized	229 g	32963	KSG-M10X1,25
	for Ø 40		447 g	32964	KSG-M12X1,25
	for Ø 50, for Ø 63		882 g	32965	KSG-M16X1,5
	for Ø 80, for Ø 100		1,143 g	32966	KSG-M20X1,5
	for Ø 125		1,083 g	32967	KSG-M27X2

Accessories

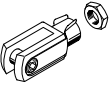
Coupling piece KSZ

	Description	Mounting material	Product weight	Part no.	Type
	For diameter 12	Steel, Galvanized	45 g	36123	KSZ-M6
	For diameter 16		70 g	36124	KSZ-M8
	for Ø 32		110 g	36125	KSZ-M10X1,25
	for Ø 40		180 g	36126	KSZ-M12X1,25
	for Ø 50, for Ø 63		246 g	36127	KSZ-M16X1,5
	for Ø 80, for Ø 100		418 g	36128	KSZ-M20X1,5

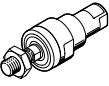
Rod eye CRS GS

	Description	Housing material	Product weight	Part no.	Type
	For diameter 12	High-alloy steel	29 g	195580	CRSGS-M6
	For diameter 16		55 g	195581	CRSGS-M8
	for Ø 32		87 g	195582	CRSGS-M10X1,25
	for Ø 40		129 g	195583	CRSGS-M12X1,25
	for Ø 50, for Ø 63		265 g	195584	CRSGS-M16X1,5
	for Ø 80, for Ø 100		464 g	195585	CRSGS-M20X1,5
	for Ø 125		1,333 g	195586	CRSGS-M27X2

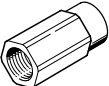
Rod clevis CR SG

	Description	Clevis material	Product weight	Part no.	Type
	For diameter 12		22 g	13567	CRSG-M6
	For diameter 16		52.2 g	13568	CRSG-M8
	for Ø 32		101.8 g	13569	CRSG-M10X1,25
	for Ø 40		162.8 g	13570	CRSG-M12X1,25
	for Ø 50, for Ø 63		380.2 g	13571	CRSG-M16X1,5
	for Ø 80, for Ø 100		757.8 g	13572	CRSG-M20X1,5
	for Ø 125		2,022.1 g	185361	CRSG-M27X2

Self-aligning rod coupler, CRFK

	Description	Housing material	Product weight	Part no.	Type
	for Ø 32	high-alloy stainless steel	230 g	2305778	CRFK-M10X1,25
	for Ø 40			2305779	CRFK-M12X1,25
	for Ø 50, for Ø 63		670 g	2490673	CRFK-M16X1,5
	for Ø 80, for Ø 100		1,280 g	2545677	CRFK-M20X1,5

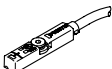
Adapter AD

	Description	LABS (PWIS) conformity	Part no.	Type
	For Ø 12	VDMA24364-B1/B2-L	157329	AD-M6-1/8
			157330	AD-M6-1/4
			157328	AD-M6-M5
	For Ø 16		157332	AD-M8-1/4
			157331	AD-M8-1/8
	for Ø 20		157333	AD-M10X1,25-1/8
	for Ø 25/32/40		157334	AD-M10X1,25-1/4
	for Ø 50		160256	AD-M12X1,25-1/4
	for Ø 63		160257	AD-M12X1,25-3/8

Accessories

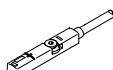
SMT proximity switch for T-slot, magneto-resistive

Link [smt](#)

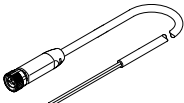
	Type of mounting	Switching output	Electrical connection	Cable length	Part no.	Type
	Screwed on, Can be inserted in slot from above	3-wire NPN N/O contact	Open end	2.5 m	574338	SMT-8M-A-NS-24V-E-2,5-OE
			Plug M8, A-coded	0.3 m	574339	SMT-8M-A-NS-24V-E-0,3-M8D
		3-wire PNP N/C contact	Open end	7.5 m	574340	SMT-8M-A-PO-24V-E-7,5-OE
		3-wire PNP N/O contact		2.5 m	574335	SMT-8M-A-PS-24V-E-2,5-OE
			Plug M8, A-coded	0.3 m	574334	SMT-8M-A-PS-24V-E-0,3-M8D
			Plug M12, A-coded		574337	SMT-8M-A-PS-24V-E-0,3-M12

Proximity switch SME for T-slot, magnetic, reed

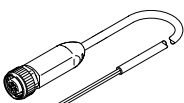
Link [sme](#)

	Type of mounting	Switching output	Electrical connection	Cable length	Part no.	Type
	Screwed on, Can be inserted in slot from above	3-wire N/C contact	Open end	7.5 m	546799	SME-8M-DO-24V-K-7,5-OE
		3-wire N/O contact		2.5 m	543862	SME-8M-DS-24V-K-2,5-OE
				5 m	543863	SME-8M-DS-24V-K-5,0-OE
		Plug M8, A-coded	0.3 m	543861	SME-8M-DS-24V-K-0,3-M8D	
		2-wire N/O contact	Open end	2.5 m	543872	SME-8M-ZS-24V-K-2,5-OE

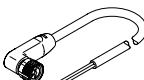
Connecting cables NEBA, straight, M8 connection

	Electrical connection 1, connection technology	Electrical connection 2, connection technology	Electrical connection 2, number of pins/wires	Cable length	Part no.	Type
	M8x1 A-coded as per EN 61076-2-104	Open end	3	2.5 m	8078223	NEBA-M8G3-U-2.5-N-LE3
				5 m	8078224	NEBA-M8G3-U-5-N-LE3

Connecting cables NEBA, straight, M12 connection

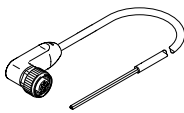
	Electrical connection 1, connection technology	Electrical connection 2, connection technology	Electrical connection 2, number of pins/wires	Cable length	Part no.	Type
	M12x1 A-coded as per EN 61076-2-101	Open end	3	2.5 m	8078236	NEBA-M12G5-U-2.5-N-LE3
				5 m	8078237	NEBA-M12G5-U-5-N-LE3

Connecting cables NEBA, angled, M8 connection

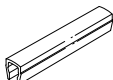
	Electrical connection 1, connection technology	Electrical connection 2, connection technology	Electrical connection 2, number of pins/wires	Cable length	Part no.	Type
	M8x1 A-coded as per EN 61076-2-104	Open end	3	2.5 m	8078230	NEBA-M8W3-U-2.5-N-LE3
				5 m	8078231	NEBA-M8W3-U-5-N-LE3

Accessories

Connecting cables NEBA, angled, M12 connection

	Electrical connection 1, connection technology	Electrical connection 2, connection technology	Electrical connection 2, number of pins/wires	Cable length	Part no.	Type
	M12x1 A-coded as per EN 61076-2-101	Open end	3	2.5 m	8078245	NEBA-M12W5-U-2.5-N-LE3
				5 m	8078246	NEBA-M12W5-U-5-N-LE3

Slot cover ABP for T-slot

	Description	Packaging quantity [pieces]	Part no.	Type
	Length 0.5 m, Insertable	2	151680	ABP-5-S