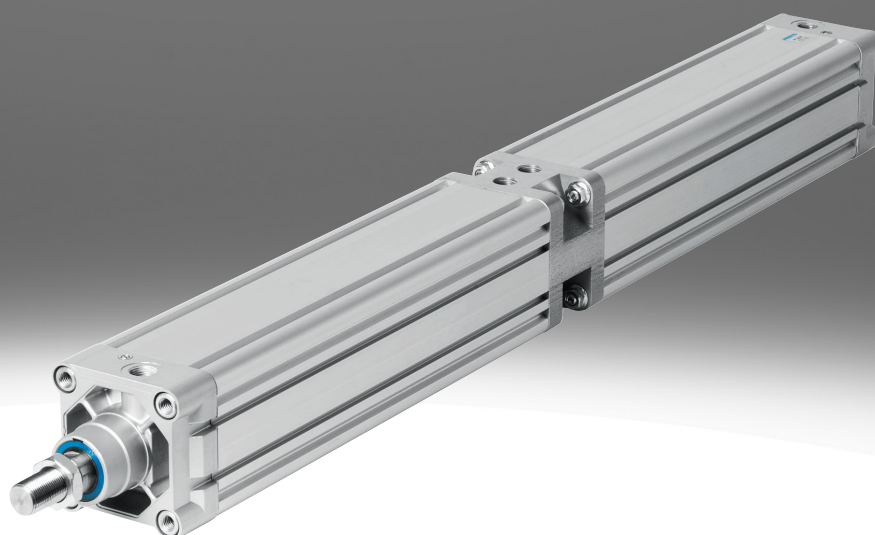


Tandem cylinder DNCT

FESTO



Characteristics

At a glance

- By connecting two cylinders with the same piston diameter and stroke in series, the force in the advance stroke (thrust) can be doubled, tripled or quadrupled in comparison to a standard cylinder.
- As with the thrust, the force of the return stroke is double that of a single cylinder with corresponding piston diameter.

Type code

001	Series	
DNCT	Tandem cylinder, double-acting, standard hole pattern	

002	Piston diameter [mm]	
32	32	
40	40	
50	50	
63	63	
80	80	
100	100	
125	125	

003	Stroke range [mm]	
...	2 ... 500	

004	Cushioning	
PPV	Pneumatic cushioning, adjustable at both ends	

005	Position sensing	
A	For proximity sensor	

006	Temperature resistance	
	Standard	
S6	Heat-resistant seals max. 120 °C	

Datasheet

General technical data

General technical data							
Piston diameter	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Design	Piston, Piston rod, Profile barrel						
Piston-rod end	Male thread						
Pneumatic connection	G1/8	G1/4		G3/8		G1/2	
Stroke	2 ... 500 mm			3 ... 500 mm			
Cushioning	Pneumatic cushioning, adjustable at both ends						
Cushioning length	20 mm		22 mm		32 mm		42 mm
Type of mounting	With accessories						
Position detection	Via proximity switch						
Mounting position	optional						

Operating and environmental conditions

Piston diameter	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Operating pressure	0.06 ... 1 MPa						
Operating pressure	8.3 ... 145 psi						
Operating pressure	0.6 ... 10 bar						
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]						
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)						
Ambient temperature	-20 ... 120°C						
Corrosion resistance class CRC ¹⁾	2 - Moderate corrosion stress						

1) More information at www.festo.com/x/topic/kbk

Forces and impact energy

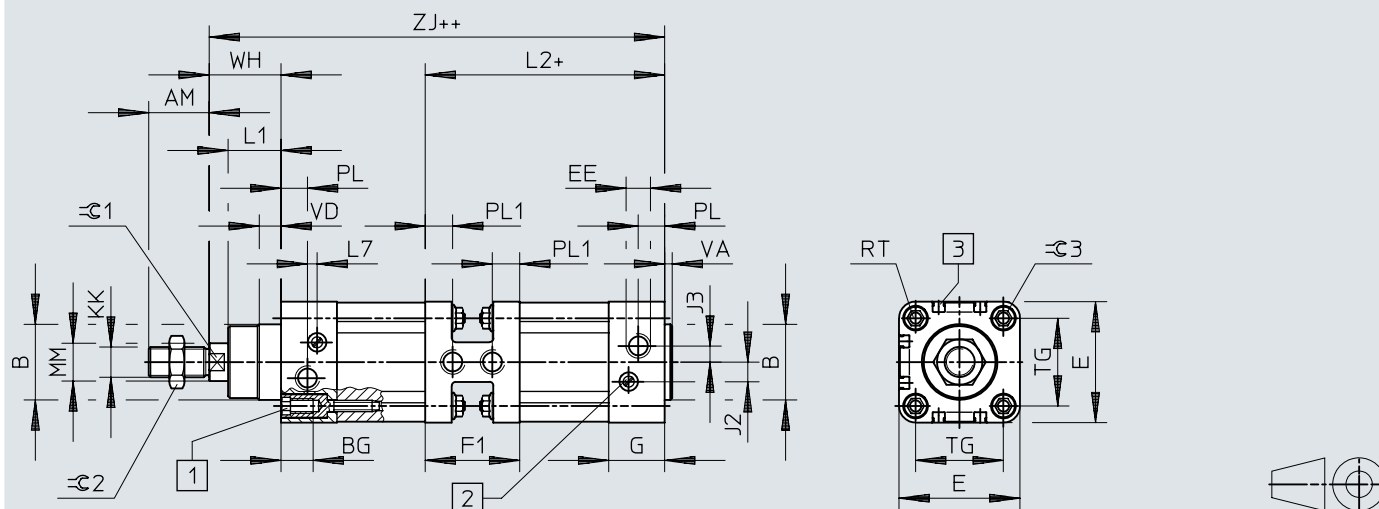
Piston diameter	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	898 N	1,387 N	2,168 N	3,552 N	5,737 N	9,130 N	14,244 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	830 N	1,266 N	1,980 N	3,364 N	5,442 N	8,836 N	13,762 N
Impact energy in end positions	0.1 J	0.2 J		0.5 J	0.9 J	1.2 J	5 J

Materials

Temperature resistance	Standard [L]							Heat-resistant seals max. 120 °C [S6]						
Piston diameter	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm	32 mm	40 mm	50 mm	63 mm	80 mm	100 mm	125 mm
Material cover	Die-cast aluminium													
Material piston rod	High-al- loy stain- less steel	High-alloy steel						High-al- loy stain- less steel	High-alloy steel					
Material housing	Wrought aluminium alloy, Smooth anodised													
Material seals	NBR, TPE-U(PU)							FPM						
Note on materials	RoHS-compliant													
LABS (PWIS) conformity	VDMA24364-B2-L													

Dimensions

Dimensions – Tandem cylinders DNCT, standard hole pattern

Download CAD data www.festo.com

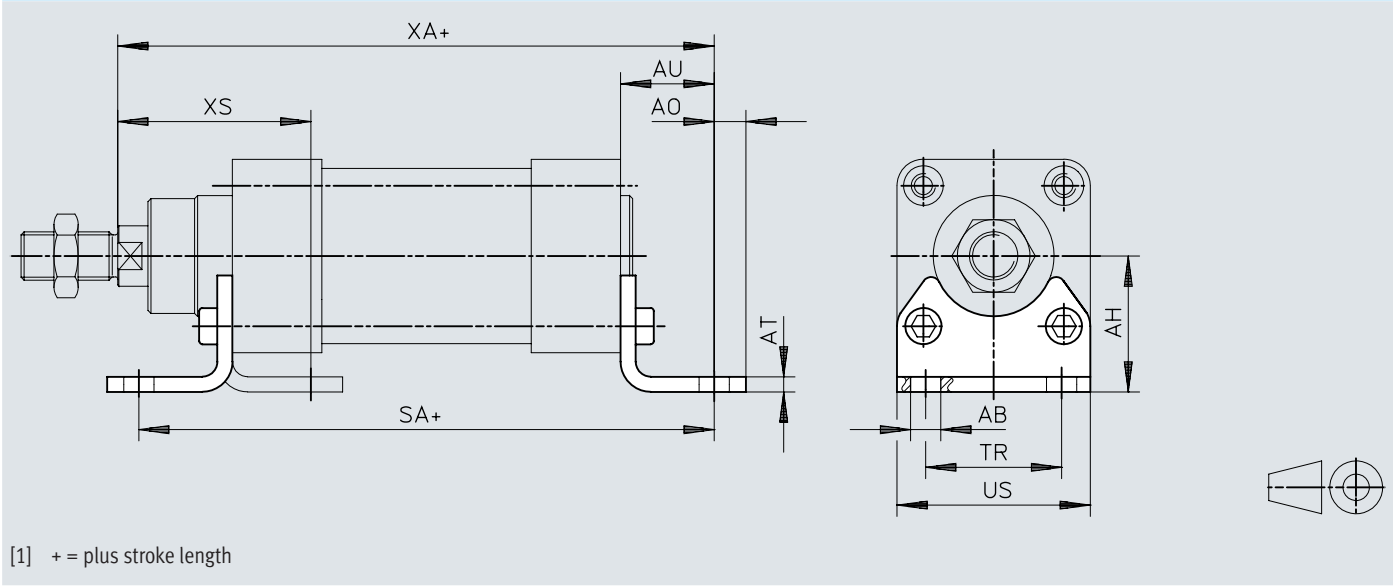
- [1] Socket head screw with female thread for mounting components
 [2] Adjusting screw for adjustable end-position cushioning
 [3] Sensor slot for proximity switch
 [4] + = plus stroke length
 [6] ++ = plus 2x stroke length

	AM	B ø d11	BG	E	EE	F1	G	J2	J3	KK	L1	L2	L7
DNCT-32	22	30	16	45,5	G1/8	35	25,1	6	5,2	M10x1,25	18	104,2	3,3
DNCT-40	24	35	16	54	G1/4	47,6	29,6	8	6	M12x1,25	21,5	123,5	3,6
DNCT-50	32	40	17	64	G1/4	50	29,6	10,4	8,5	M16x1,5	28	126,7	5,1
DNCT-63	32	45	17	75	G3/8	64,4	35,6	12,4	10	M16x1,5	28,5	150	6,6
DNCT-80	40	45	17	93	G3/8	68	35,9	12,5	8	M20x1,5	34,7	161,7	10,5
DNCT-100	40	55	17	110	G1/2	75	38,8	12	10	M20x1,5	38,2	178,1	8
DNCT-125	54	60	22	134	G1/2	70	44,7	13	8	M27x2	46	188,5	14

	MM ø	PL	PL1	RT	TG	VA	VD	WH	ZJ	⌀1	⌀2	⌀3
DNCT-32	12	15,1	9	M6	32,5	4	10	26,2 ±0,7	199,6 ±0,7	10	16	6
DNCT-40	16	14	13,3	M6	38	4	10,5	30 +0,7/-0,9	229,4 +0,7/-0,9	13	18	6
DNCT-50	20	14	14,5	M8	46,5	4	11,5	37,7 +0,7/-0,9	241,1 +0,7/-0,9	17	24	8
DNCT-63	20	17	17,2	M8	56,5	4	15	38,2 +0,7/-0,9	273,9 +0,7/-0,9	17	24	8
DNCT-80	25	16,4	19	M10	72	4	15,7	46,2 +0,7/-1,4	301,6 +0,7/-1,4	22	30	6
DNCT-100	25	18,8	21	M10	89	4	19,2	50,1 +0,7/-1,4	331,3 +0,7/-1,4	22	30	6
DNCT-125	32	18	18,5	M12	110	6	20,5	65,3 +0,7/-1,4	372,3 +0,7/-1,4	27	36	8

Dimensions

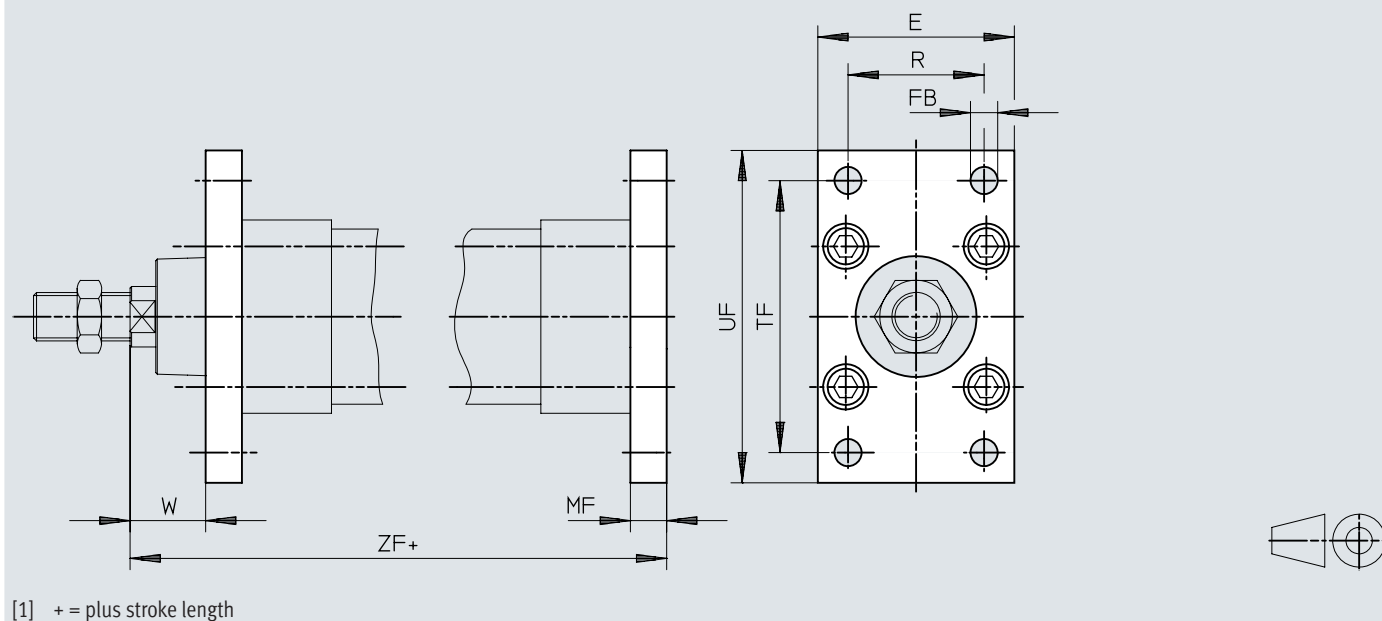
Dimensions – Foot mounting HNC Download CAD data www.festo.com



	AB ø	AH	AO	AT	AU	SA	TR	US	XA	XS
CRHNC-32	7	32	6,5	4	24	142	32	45	144,7	45,7
CRHNC-40	10	36	9	4	28	160,8	36	54	163,6	53,8
CRHNC-50	10	45	9,5	5	31	167,9	45	64	175	63,1
CRHNC-63	10	50	12,5	5	32	184,9	50	75	191,5	64,6
CRHNC-80	12	63	15	6	41	209,9	63	93	215,5	81,6
CRHNC-100	14,5	71	17,5	6	41	220,1	75	110	229,6	85,5
CRHNC-125	16,5	90	22	8	45	250	90	131	270	102

Dimensions

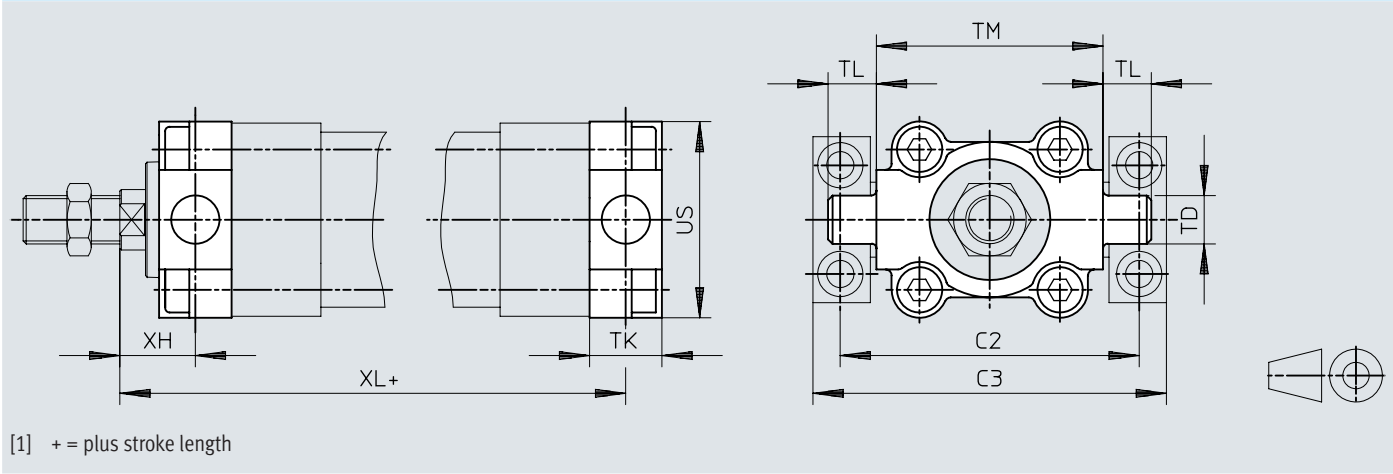
Dimensions – Flange mounting FNC

Download CAD data www.festo.com

	E	FB Ø H13	MF	R	TF	UF	W	ZF
FNC-32	45	7	10	32	64	80	16	209,6
FNC-40	54	9	10	36	72	90	20	239,4
FNC-50	65	9	12	45	90	110	25	253,1
FNC-63	75	9	12	50	100	120	25	285,9
FNC-80	93	12	16	63	126	150	30	317,6
FNC-100	110	14	16	75	150	175	35	347,3
FNC-125	132	16	20	90	180	210	45	392,3

Dimensions

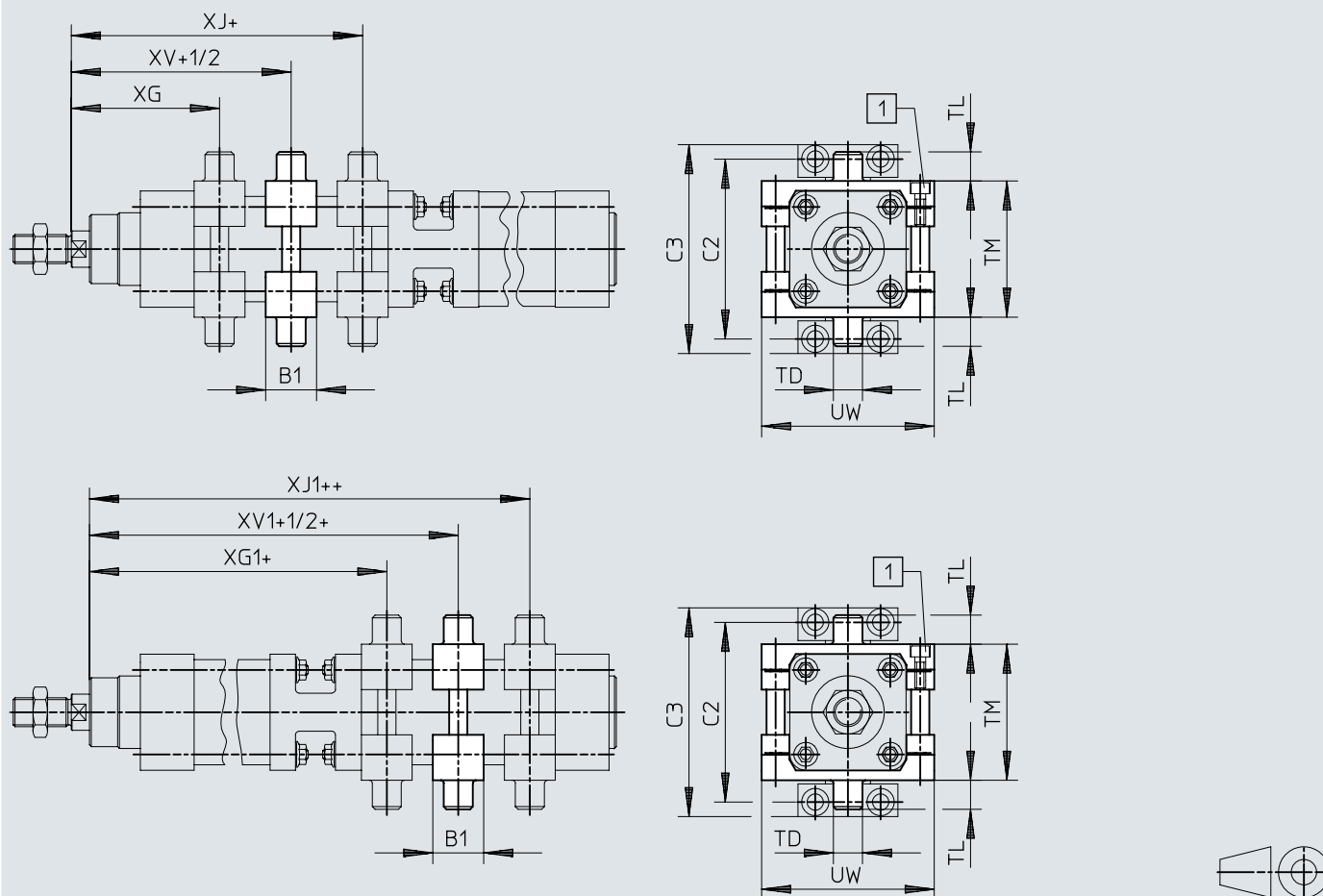
Dimensions – Trunnion flange ZNCF [Download CAD data](http://www.festo.com) www.festo.com



	C2	C3	TD ø e9	TK	TL	TM	US	XH	XL
ZNCF-32	71	86	12	16	12	50	45	18	207,6
ZNCF-40	87	105	16	20	16	63	54	20	239,4
ZNCF-50	99	117	16	24	16	75	64	25	253,1
ZNCF-63	116	136	20	24	20	90	75	25	285,9
ZNCF-80	136	156	20	28	20	110	93	32	315,6
ZNCF-100	164	189	25	38	25	132	110	32	350,3
ZNCF-125	192	217	25	50	25	160	131	40	397,3

Dimensions

Dimensions – Trunnion flange DAMT

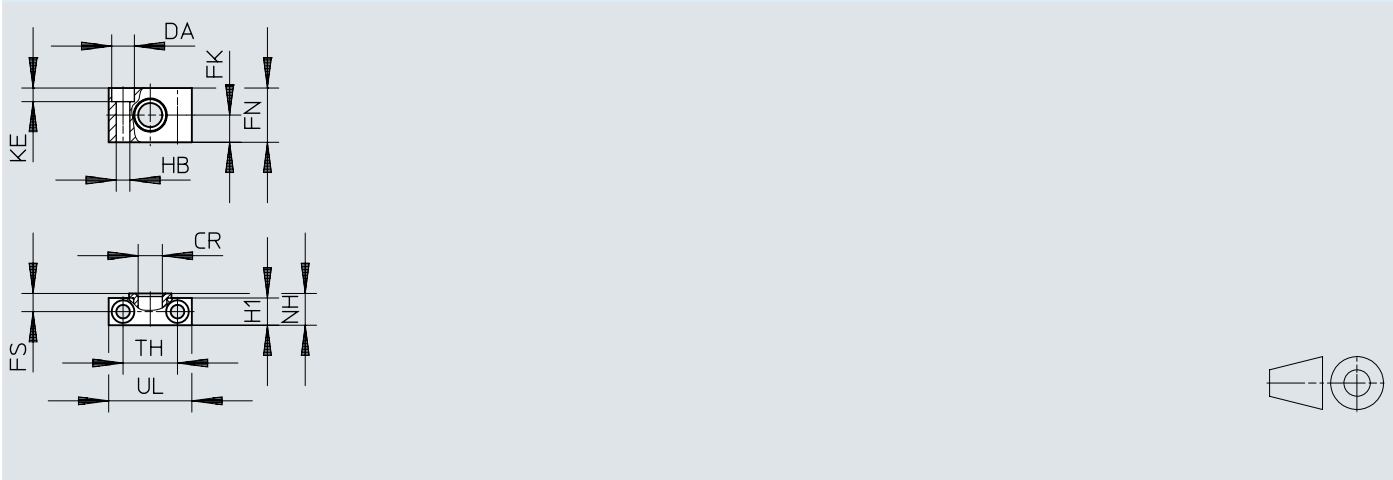
Download CAD data www.festo.com

- [1] Max. tightening torque
 [2] + = plus stroke length
 [3] ++ = plus 2x stroke length
 [4] +1/2 = plus 1/2x stroke length

	B1	C2	C3	TD ø e9	TL	TM	UW	XG	XG1	XJ	XJ1	XV	XV1
DAMT-V1-32-A	30	71	86	12	12	50	65	66,3	145,4	80,4	159,5	73,4	152,5
DAMT-V1-40-A	32	87	105	16	16	63	75	75,6	169,5	89,9	183,8	82,8	176,7
DAMT-V1-50-A	34	99	117	16	16	75	95	84,3	181,4	97,4	194,5	90,9	188
DAMT-V1-63-A	41	116	136	20	20	90	105	94,3	208,8	103,4	217,8	98,9	213,3
DAMT-V1-80-A	44	136	156	20	20	110	130	104,1	229,9	117,9	243,7	111	236,8
DAMT-V1-100-A	48	164	189	25	25	132	145	112,9	252,2	129,2	268,5	121,1	260,4
DAMT-V1-125-A	50	192	217	25	25	160	175	135	278,8	158,8	302,6	146,9	290,7

Dimensions

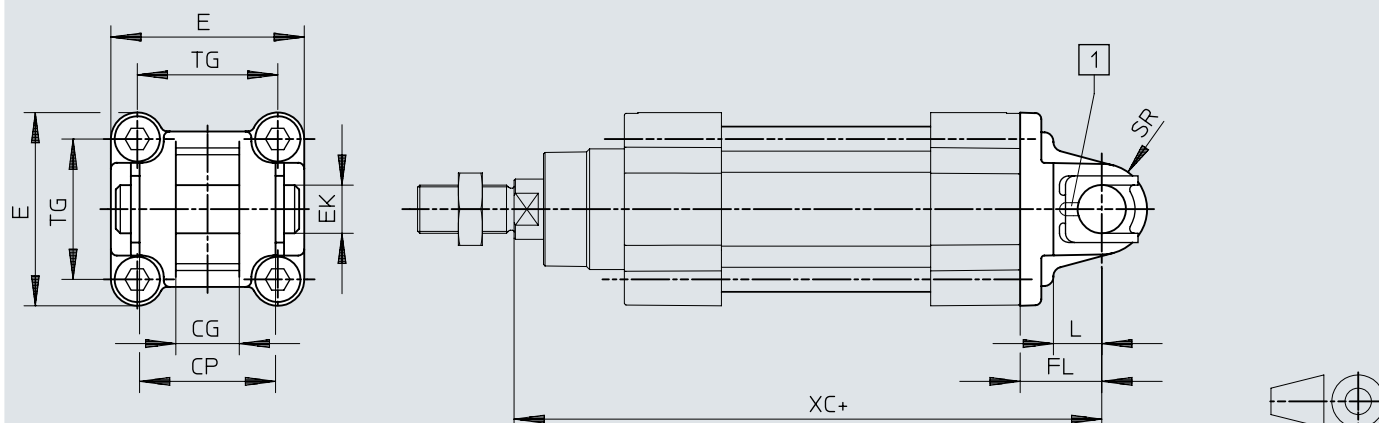
Dimensions – Trunnion support LNZG Download CAD data www.festo.com



	CR Ø D11	DA Ø H13	FK Ø ±0,1	FN	FS	H1	HB Ø H13	KE	NH	TH ±0,2	UL
LNZG-32	12	11	15	30	10,5	15	6,6	6,8	18	32	46
LNZG-40/50	16	15	18	36	12	18	9	9	21	36	55
LNZG-63/80	20	18	20	40	13	20	11	11	23	42	65
LNZG-100/125	25	20	25	50	16	24,5	14	13	28,5	50	75

Dimensions

Dimensions – Swivel flange SNC

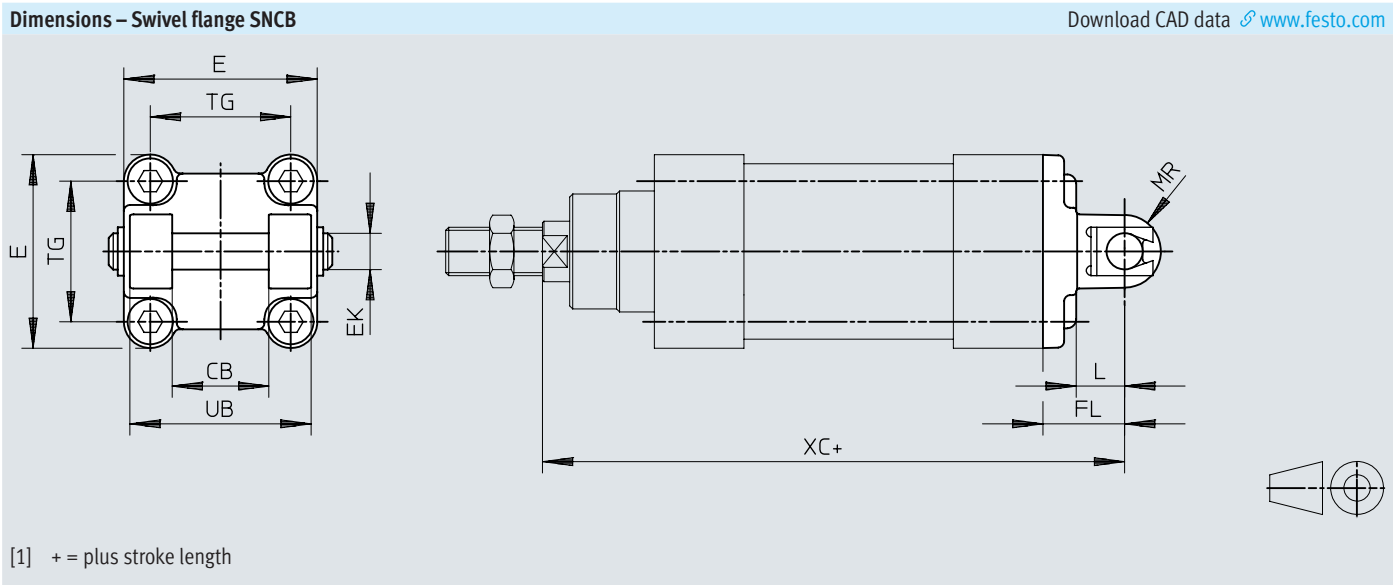
[Download CAD data](http://www.festo.com)


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

[2] + = plus stroke length

	CG	CP	E	EK Ø	FL	L	SR	TG	XC
	H14	h14		H9	±0,2				
SNC-32	14	34	45 ^{+0,2/-0,5}	10	22	13	10	32,5	141,1
SNC-40	16	40	54 ^{-0,5}	12	25	16	12	38	158,9
SNC-50	21	45	64 ^{-0,6}	16	27	16	12	46,5	168,8
SNC-63	21	51	75 ^{-0,6}	16	32	21	16	56,5	189,1
SNC-80	25	65	93 ^{-0,8}	20	36	22	16	72	209,6
SNC-100	25	75	110 ^{+0,3/-0,8}	20	41	27	20	89	228,5
SNC-125	37	97	131 ^{-0,8}	30	50	30	25	110	275

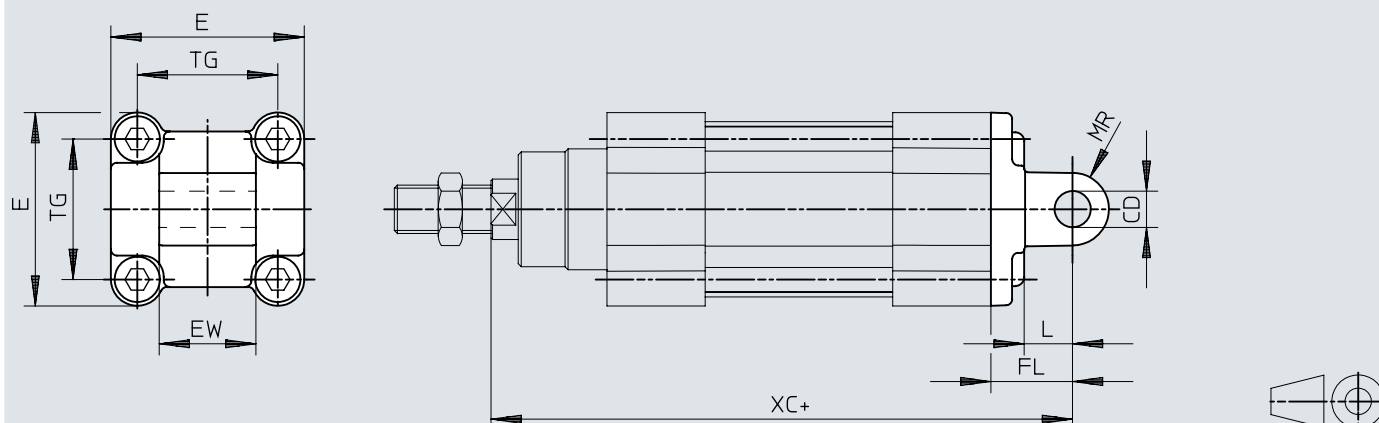
Dimensions



	CB	E	EK Ø	FL	L	MR	TG	UB	XC
	H14		e8	±0,2		-0,5		h14	
SNCB-32	26	45+0,2/-0,5	10	22	13	8,5	32,5	45	221,6
SNCB-40	28	54-0,5	12	25	16	12	38	52	254,4
SNCB-50	32	64-0,6	12	27	16	12	46,5	60	268,1
SNCB-63	40	75-0,6	16	32	21	16	56,5	70	305,9
SNCB-80	50	93-0,8	16	36	22	16	72	90	337,6
SNCB-100	60	110+0,3/-0,8	20	41	27	20	89	110	372,3
SNCB-125	70	131-0,8	25	50	30	25	110	130	422,3

Dimensions

Dimensions – Swivel flange SNCL

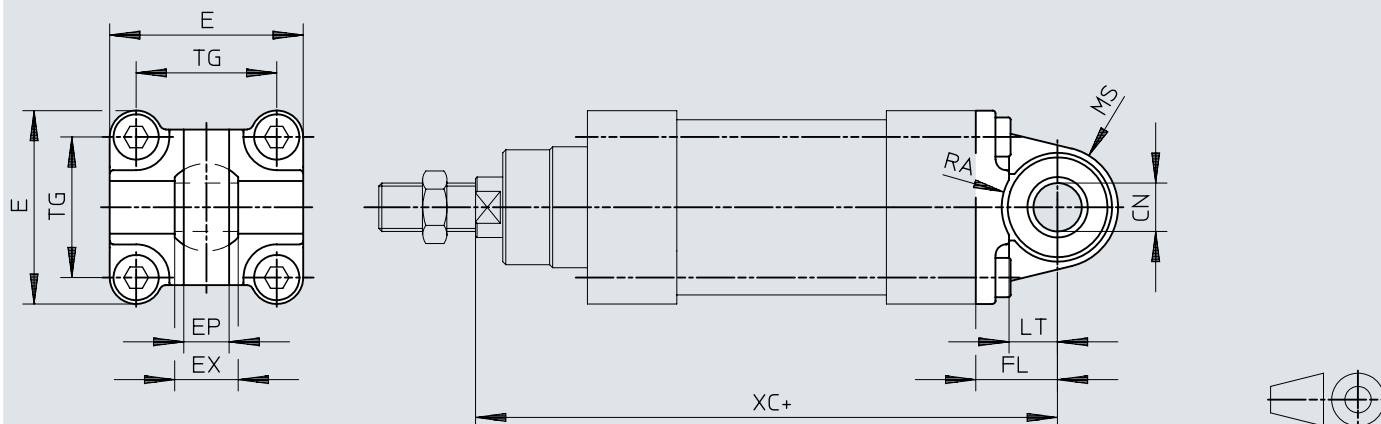
Download CAD data www.festo.com

[1] + = plus stroke length

	CD Ø H9	E	EW h12	FL ±0,2	L	MR	TG	XC
SNCL-32	10	45 ^{+0,2/-0,5}	26	22	13	10	32,5	141,1
SNCL-40	12	54 ^{-0,5}	28	25	16	12	38	158,9
SNCL-50	12	64 ^{-0,6}	32	27	16	12	46,5	168,8
SNCL-63	16	75 ^{-0,6}	40	32	21	16	56,5	189,1
SNCL-80	16	93 ^{-0,8}	50	36	22	16	72	209,6
SNCL-100	20	110 ^{+0,3/-0,8}	60	41	27	20	89	228,5
SNCL-125	25	131 ^{-0,8}	70	50	30	25	110	275

Dimensions

Dimensions – Swivel flange SNCS

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[1] += plus stroke length

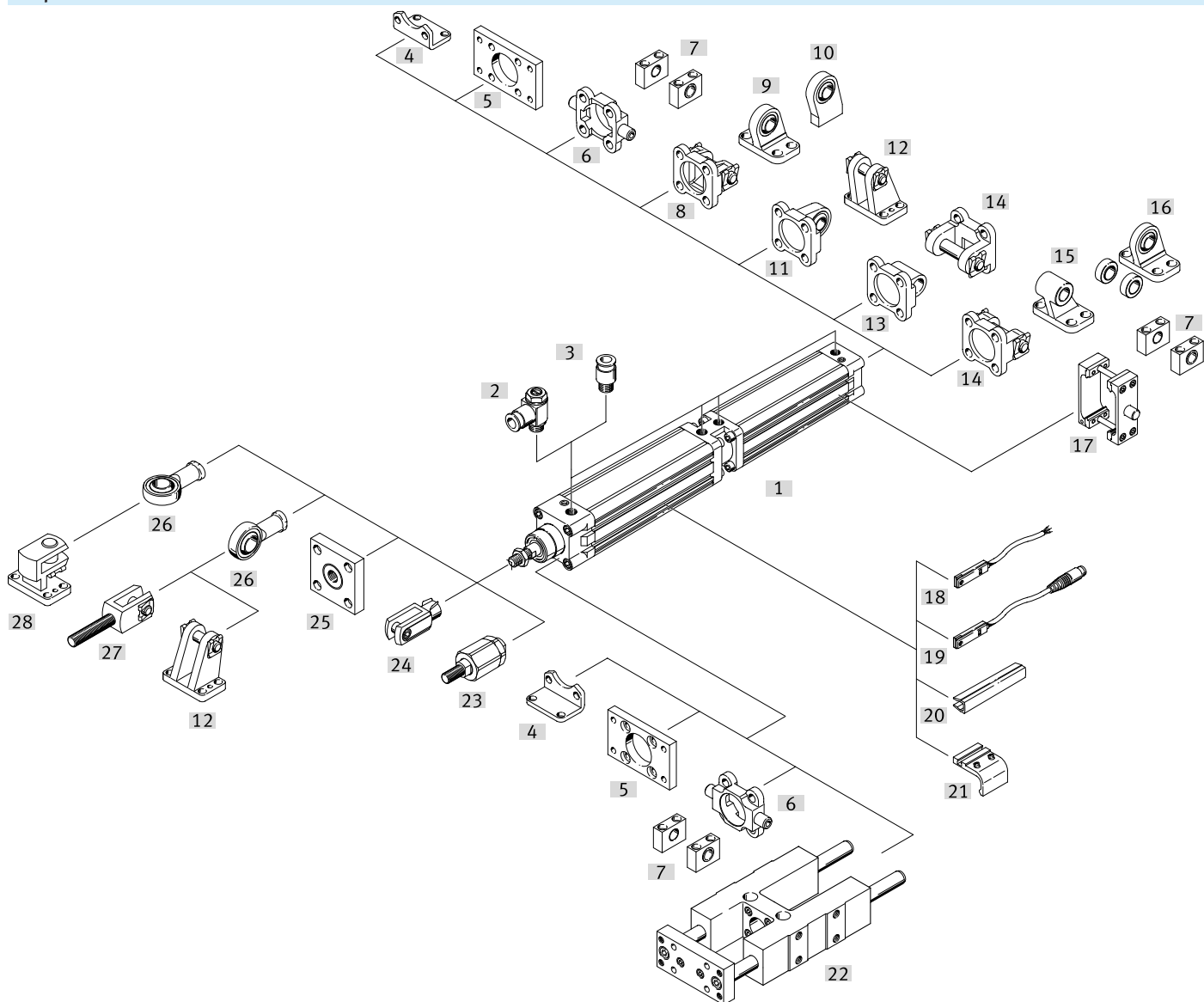
	CN Ø	E	EP ±0,2	EX	FL ±0,2	LT	MS	RA +1	TG	XC
SNCS-32	10 ^{+0,013}	45 ^{+0,2/-0,5}	10,5	14	22	13	15 ^{+0,5}	14,5	32,5	221,6
SNCS-40	12 ^{+0,015}	54 ^{-0,5}	12	16	25	16	17 ^{+0,5}	17,5	38	254,4
SNCS-50	16 ^{+0,015}	64 ^{-0,6}	15	21	27	16	20 ^{+0,5}	18,5	46,5	268,1
SNCS-63	16 ^{+0,015}	74,5 ^{±0,5}	15	21	32	21	23 ^{-0,5}	23	56,5	305,9
SNCS-80	20 ^{+0,018}	92,2 ^{±0,8}	18	25	36	22	28 ^{-0,5}	25	72	337,6
SNCS-100	20 ^{+0,018}	109 ^{+1/-0,7}	18	25	41	27	30 ^{±0,5}	95	89	372,3
SNCS-125	30 ^{+0,018}	132 ^{+1/-0,7}	25	37	50	30	39 ^{±0,5}	100	110	422,3

Ordering data

Tandem cylinder DNCT					
	Piston diameter	Stroke	Temperature resistance	Part no.	Type
	32 mm	2 ... 500 mm	Standard	191106	DNCT-32- -PPV-A
			Heat-resistant seals max. 120 °C	191210	DNCT-32- -PPV-A-S6
	40 mm		Standard	191107	DNCT-40- -PPV-A
			Heat-resistant seals max. 120 °C	191211	DNCT-40- -PPV-A-S6
	50 mm	3 ... 500 mm	Standard	191108	DNCT-50- -PPV-A
			Heat-resistant seals max. 120 °C	191212	DNCT-50- -PPV-A-S6
	63 mm		Standard	191109	DNCT-63- -PPV-A
			Heat-resistant seals max. 120 °C	191213	DNCT-63- -PPV-A-S6
	80 mm		Standard	191110	DNCT-80- -PPV-A
			Heat-resistant seals max. 120 °C	191214	DNCT-80- -PPV-A-S6
	100 mm		Standard	191111	DNCT-100- -PPV-A
			Heat-resistant seals max. 120 °C	191215	DNCT-100- -PPV-A-S6
	125 mm		Standard	191112	DNCT-125- -PPV-A
			Heat-resistant seals max. 120 °C	191216	DNCT-125- -PPV-A-S6

Peripherals

Peripherals overview

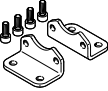


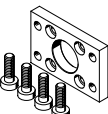
Accessories		→ Link
Type/order code	Description	
[1] Tandem cylinder DNCT		dnct
[2] One-way flow control valve GRLA	For regulating speed	grla
[3] Push-in fitting QS	For connecting tubing with standard O.D.	qs
[4] Foot mounting HNC	For bearing and end caps	18
[5] Flange mounting FNC	For bearing and end caps	18
[6] Trunnion flange ZNCF	For bearing and end caps	18
[7] Trunnion support LNZG	For trunnion flange ZNCF	18
[8] Swivel flange SNC	For end cap	18
[9] Clevis foot LSNG	With spherical bearing	20
[10] Clevis foot LSNSG	Weldable, with spherical bearing	20
[11] Swivel flange SNCS	With spherical bearing for end caps	19
[12] Clevis foot LBG	For swivel flange SNCS	20
[13] Swivel flange SNCL	For end cap	19
[14] Swivel flange SNCB	For end cover	19
[15] Clevis foot LNG	For swivel flange SNCB	19
[16] Clevis foot LSN	With spherical bearing	20
[17] Trunnion flange DAMT	For mounting anywhere on the cylinder profile barrel	19

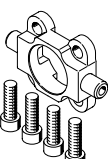
Peripherals

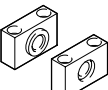
Accessories		→ Link
Type/order code	Description	
[18] Proximity switch SME-8M	Can be integrated in the cylinder profile barrel	23
[19] Proximity switch SMT-8M	Can be integrated in the cylinder profile barrel	23
[20] Slot cover ABP-5-S	For protecting the sensor cables and the sensor slots from contamination	24
[21] Mounting kit SMB-8-FENG	For attaching proximity switch SMT-8 to cylinders in combination with guide unit FENG	23
[22] Guide unit FENG	For protecting standards-based cylinders against rotation at high torque loads	22
[23] Self-aligning rod coupler FK	To compensate for radial and angular deviations	21
[24] Rod clevis SG	Permits a swivelling movement of the cylinder in one plane	21
[25] Coupling piece KSG	To compensate for radial deviations	21
[26] Rod eye SGS	With spherical bearing	21
[27] Rod clevis SGA	With male thread	21
[28] Clevis foot, transverse, LQG	For rod eye SGS	20

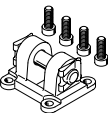
Accessories

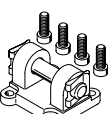
Foot mounting HNC					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Steel, Galvanised	144 g	174369	HNC-32
	For Ø 40		193 g	174370	HNC-40
	For Ø 50		353 g	174371	HNC-50
	For Ø 63		436 g	174372	HNC-63
	For Ø 80		829 g	174373	HNC-80
	For Ø 100		1,009 g	174374	HNC-100
	For Ø 125		1,902 g	174375	HNC-125

Flange mounting FNC					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Steel, Galvanised	221 g	174376	FNC-32
	For Ø 40		291 g	174377	FNC-40
	For Ø 50		536 g	174378	FNC-50
	For Ø 63		679 g	174379	FNC-63
	For Ø 80		1,495 g	174380	FNC-80
	For Ø 100		2,041 g	174381	FNC-100
	For Ø 125		3,775 g	174382	FNC-125

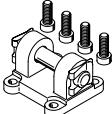
Trunnion flange ZNCF					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Stainless steel casting	150 g	174411	ZNCF-32
	For Ø 40		285 g	174412	ZNCF-40
	For Ø 50		473 g	174413	ZNCF-50
	For Ø 63		687 g	174414	ZNCF-63
	For Ø 80		1,296 g	174415	ZNCF-80
	For Ø 100		2,254 g	174416	ZNCF-100
	For Ø 125		3,484 g	174417	ZNCF-125

Trunnion support LNZG					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Wrought aluminium alloy	83 g	32959	LNZG-32
	For Ø 40, 50		129 g	32960	LNZG-40/50
	For Ø 63, 80		178 g	32961	LNZG-63/80
	For Ø 100, 125		306 g	32962	LNZG-100/125

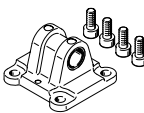
Swivel flange SNC					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Die-cast aluminium	93 g	174383	SNC-32
	For Ø 40		141 g	174384	SNC-40
	For Ø 50		234 g	174385	SNC-50
	For Ø 63		332 g	174386	SNC-63
	For Ø 80		620 g	174387	SNC-80
	For Ø 100		867 g	174388	SNC-100
	For Ø 125		1,732 g	174389	SNC-125

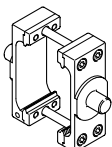
Swivel flange SNCB					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Die-cast aluminium	103 g	174390	SNCB-32

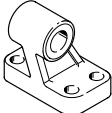
Accessories

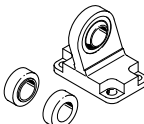
Swivel flange SNCB					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 40	Die-cast aluminium	155 g	174391	SNCB-40
	For Ø 50		232 g	174392	SNCB-50
	For Ø 63		375 g	174393	SNCB-63
	For Ø 80		636 g	174394	SNCB-80
	For Ø 100		1,035 g	174395	SNCB-100
	For Ø 125		1,860 g	174396	SNCB-125

Swivel flange SNCS						
	Description	Material mount- ing	Note on materi- als	Product weight	Part no.	Type
	For Ø 32	Die-cast alumin- um	RoHS-compliant	86 g	174397	SNCS-32
	For Ø 40			122 g	174398	SNCS-40
	For Ø 50			216 g	174399	SNCS-50
	For Ø 63			281 g	174400	SNCS-63
	For Ø 80			557 g	174401	SNCS-80
	For Ø 100	Wrought alumin- um alloy		683 g	174402	SNCS-100
	For Ø 125			1,369 g	174403	SNCS-125

Swivel flange SNCL					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Die-cast aluminium	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

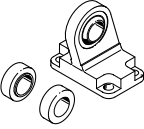
Trunnion flange kit DAMT					
	Description	Material trunnion flange	Product weight	Part no.	Type
	For Ø 32	Galvanised steel	220 g	2213233	DAMT-V1-32-A
	For Ø 40		387.5 g	2214899	DAMT-V1-40-A
	For Ø 50		602.2 g	2214909	DAMT-V1-50-A
	For Ø 63		910.6 g	2214971	DAMT-V1-63-A
	For Ø 80		1,494 g	163529	DAMT-V1-80-A
	For Ø 100		2,094.8 g	163530	DAMT-V1-100-A
	For Ø 125		2,911.6 g	1812524	DAMT-V8-125-A

Clevis foot LNG					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	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	486 g	33893	LNG-63
	For Ø 80		805 g	33894	LNG-80
	For Ø 100		1,141 g	33895	LNG-100
	For Ø 125		2,545 g	33896	LNG-125

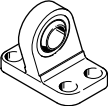
Clevis foot LSN					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	High-alloy steel	162 g	5561	LSN-32

Accessories

Clevis foot LSN

	Description	Material mounting	Product weight	Part no.	Type
	For Ø 40	High-alloy steel	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

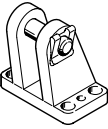
Clevis foot LSNG

	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	High-alloy steel	172 g	31740	LSNG-32
	For Ø 40		228 g	31741	LSNG-40
	For Ø 50		416 g	31742	LSNG-50
	For Ø 63	Spheroidal graphite cast iron	534 g	31743	LSNG-63
	For Ø 80		984 g	31744	LSNG-80
	For Ø 100		1,343 g	31745	LSNG-100
	For Ø 125		3,038 g	31746	LSNG-125

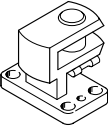
Clevis foot LNSG

	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Steel, Galvanised	105 g	31747	LNSG-32
	For Ø 40		160 g	31748	LNSG-40
	For Ø 50		300 g	31749	LNSG-50
	For Ø 63		370 g	31750	LNSG-63
	For Ø 80		700 g	31751	LNSG-80
	For Ø 100		830 g	31752	LNSG-100
	For Ø 125		1,960 g	31753	LNSG-125

Clevis foot LBG

	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Stainless steel casting	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

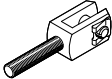
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Stainless steel casting	301 g	31768	LQG-32
	For Ø 40		369 g	31769	LQG-40
	For Ø 50		706 g	31770	LQG-50
	For Ø 63	Spheroidal graphite cast iron	784 g	31771	LQG-63
	For Ø 80		1,126 g	31772	LQG-80
	For Ø 100		1,493 g	31773	LQG-100
	For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

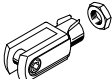
Rod eye SGS

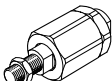
	Description	Material housing	Product weight	Part no.	Type
	For Ø 32	Galvanised steel	88 g	9261	SGS-M10X1,25

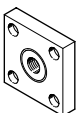
Accessories

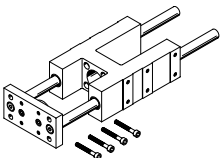
Rod eye SGS					
	Description	Material housing	Product weight	Part no.	Type
	For Ø 40	Galvanised steel	130 g	9262	SGS-M12X1,25
	For Ø 50, For Ø 63		261 g	9263	SGS-M16X1,5
	For Ø 80, For Ø 100		468 g	9264	SGS-M20X1,5
	For Ø 125		1,339 g	10774	SGS-M27X2

Rod clevis SGA					
	Description	Material rod eye	Product weight	Part no.	Type
	For Ø 32	Steel, Galvanised	129 g	32954	SGA-M10X1,25
	For Ø 40		222 g	10767	SGA-M12X1,25
	For Ø 50, For Ø 63		512 g	10768	SGA-M16X1,5
	For Ø 80, For Ø 100		954 g	10769	SGA-M20X1,5
	For Ø 125		2,189 g	10770	SGA-M27X2

Rod clevis SG					
	Description	Material clevis	Product weight	Part no.	Type
	For Ø 32	Steel, Galvanised	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	Material housing	Product weight	Part no.	Type
	For Ø 32	Galvanised steel	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

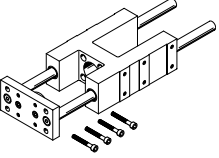
Coupling piece KSG					
	Description	Material mounting	Product weight	Part no.	Type
	For Ø 32	Steel, Galvanised	229 g	32963	KSG-M10X1,25
	For Ø 40		447 g	32964	KSG-M12X1,25
	For Ø 50, For Ø 63		882 g	32965	KSG-M16X1,5
	For Ø 80, For Ø 100		1,143 g	32966	KSG-M20X1,5
	For Ø 125		1,083 g	32967	KSG-M27X2

Guide units FENG – for fixed strokes (recirculating ball bearing guide only)						Link 
	Description	Stroke	Material guide component	Part no.	Type	
	For Ø 32	50 mm	Tempered steel	34493	FENG-32-50-KF	
		100 mm		34494	FENG-32-100-KF	
		160 mm		34495	FENG-32-160-KF	
		200 mm		34496	FENG-32-200-KF	
		250 mm		150289	FENG-32-250-KF	
		320 mm		34497	FENG-32-320-KF	
		400 mm		150290	FENG-32-400-KF	
		500 mm		34498	FENG-32-500-KF	
	For Ø 40	50 mm		34499	FENG-40-50-KF	
		100 mm		34500	FENG-40-100-KF	
		160 mm		34501	FENG-40-160-KF	

Accessories

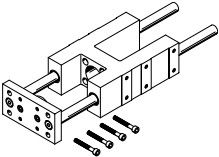
Guide units FENG – for fixed strokes (recirculating ball bearing guide only)

Link [feng](#)

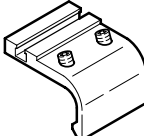
	Description	Stroke	Material guide component	Part no.	Type
	For Ø 40	200 mm	Tempered steel	34502	FENG-40-200-KF
		250 mm		34503	FENG-40-250-KF
		320 mm		34504	FENG-40-320-KF
		400 mm		150291	FENG-40-400-KF
		500 mm		34505	FENG-40-500-KF
	For Ø 50	50 mm		34506	FENG-50-50-KF
		100 mm		34507	FENG-50-100-KF
		160 mm		34508	FENG-50-160-KF
		200 mm		34509	FENG-50-200-KF
		250 mm		34510	FENG-50-250-KF
		320 mm		34511	FENG-50-320-KF
		400 mm		150292	FENG-50-400-KF
		500 mm		34512	FENG-50-500-KF
	For Ø 63	50 mm		34513	FENG-63-50-KF
		100 mm		34514	FENG-63-100-KF
		160 mm		34515	FENG-63-160-KF
		200 mm		34516	FENG-63-200-KF
		250 mm		34517	FENG-63-250-KF
		320 mm		34518	FENG-63-320-KF
		400 mm		34519	FENG-63-400-KF
		500 mm		34520	FENG-63-500-KF
	For Ø 80	50 mm		34521	FENG-80-50-KF
		100 mm		34522	FENG-80-100-KF
		160 mm		34523	FENG-80-160-KF
		200 mm		34524	FENG-80-200-KF
		250 mm		34525	FENG-80-250-KF
		320 mm		34526	FENG-80-320-KF
		400 mm		34527	FENG-80-400-KF
		500 mm		34528	FENG-80-500-KF
	For Ø 100	50 mm		34529	FENG-100-50-KF
		100 mm		34530	FENG-100-100-KF
		160 mm		34531	FENG-100-160-KF
		200 mm		34532	FENG-100-200-KF
		250 mm		34533	FENG-100-250-KF
		320 mm		34534	FENG-100-320-KF
		400 mm		34535	FENG-100-400-KF
		500 mm		34536	FENG-100-500-KF

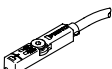
Guide units FENG – for variable strokes

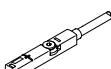
Link [feng](#)

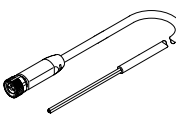
Guide units FENG for variable strokes					
	Description	Stroke	Material guide component	Part no.	Type
	For Ø 32	10 ... 500 mm	Tempered steel	34487	FENG-32- -KF
	For Ø 40		High-alloy steel	34481	FENG-32- -GF
			Tempered steel	34488	FENG-40- -KF
	For Ø 50		High-alloy steel	34482	FENG-40- -GF
			Tempered steel	34489	FENG-50- -KF
	For Ø 63		High-alloy steel	34483	FENG-50- -GF
			Tempered steel	34490	FENG-63- -KF
	For Ø 80		High-alloy steel	34484	FENG-63- -GF
			Tempered steel	34491	FENG-80- -KF
	For Ø 100		High-alloy steel	34485	FENG-80- -GF
			Tempered steel	34492	FENG-100- -KF
			High-alloy steel	34486	FENG-100- -GF

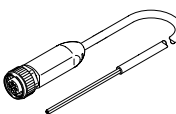
Accessories

Mounting kit SMB-8-FENG						
	Description	LABS (PWIS) conformity	Part no.	Type		
	For size 32, 40, For proximity switch SMT/CRSMT-8, The kit is attached to the profile using two screws	VDMA24364-B2-L	175705	SMB-8-FENG-32/40		
	For size 50, 63, For proximity switch SMT/CRSMT-8, The kit is attached to the profile using two screws		175706	SMB-8-FENG-50/63		
	For size 80, 100, For proximity switch SMT/CRSMT-8, The kit is attached to the profile using two screws		175707	SMB-8-FENG-80/100		

Proximity switch SMT for T-slot, magneto-resistive							Link smt
	Type of mounting	Switching output	Electrical connection	Cable length	Part no.	Type	
	Screw-clamped, Insertable in the 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	
				2.5 m	574335	SMT-8M-A-PS-24V-E-2,5-OE	
		3-wire PNP N/O contact	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	

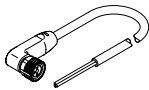
Proximity switch SME for T-slot, magnetic reed						Link 
	Type of mounting	Switching output	Electrical connection	Cable length	Part no.	Type
	Screw-clamped, Insertable in the slot from above	3-wire N/C contact	Open end	7.5 m	546799	SME-8M-DO-24V-K-7,5-OE
		3-wire N/O contact		2.5 m	543862	SME-8M-DS-24V-K-2,5-OE
				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, connector system	Electrical connection 2, connector system	Electrical connection 2, number of connections/cores	Cable length	Part no.	Type
	M8x1, A-coded, to 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

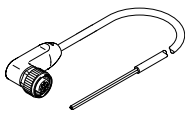
Connecting cables NEBA, straight, M12 connection						
	Electrical connection 1, connector system	Electrical connection 2, connector system	Electrical connection 2, number of connections/cores	Cable length	Part no.	Type
	M12x1, A-coded to EN 61076-2-101	Open end	3	2.5 m	8078236	NEBA-M12G5-U-2.5-N-LE3
				5 m	8078237	NEBA-M12G5-U-5-N-LE3

Accessories

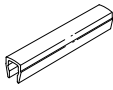
Connecting cables NEBA, angled, M8 connection

	Electrical connection 1, connector system	Electrical connection 2, connector system	Electrical connection 2, number of connections/cores	Cable length	Part no.	Type
	M8x1, A-coded, to 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

Connecting cables NEBA, angled, M12 connection

	Electrical connection 1, connector system	Electrical connection 2, connector system	Electrical connection 2, number of connections/cores	Cable length	Part no.	Type
	M12x1, A-coded to 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, Inserted from above	2	151680	ABP-5-S