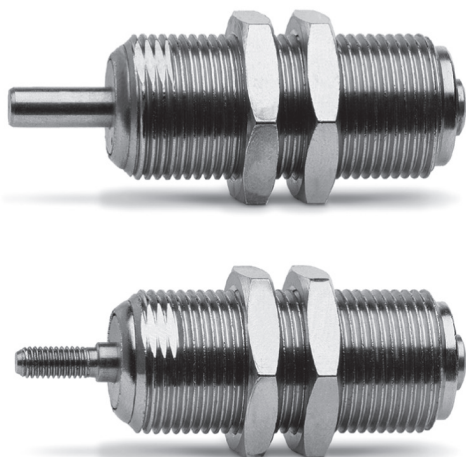


Series 14 compact mini-cylinders

Single-acting

Bores $\varnothing$ 6, 10, 16 mm and strokes 5, 10, 15 mm

With super-rapid fitting $\varnothing$ 4 and M5 port



- » Compact design
- » With threaded or non threaded piston rod
- » Threaded body

Series 14 single-acting compact mini-cylinders have been designed for installation in very small spaces. The design allows the cylinders to be inserted into threaded blocks incorporated in the machine.

All the minicylinders are supplied with a super-rapid fitting incorporated in a tube $\varnothing$ 4 or with a M5 thread. They are available in two versions with either a threaded or a non threaded piston rod.

GENERAL DATA

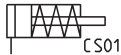
Type of construction	compact, non magnetic
Operation	single-acting
Materials	body = brass seals = NBR other = stainless steel
Operating pressure	P. min 2,5 bar - P. max 8 bar
Operating temperature	0°C ÷ 80°C (with dry air - 20°C)
Fluid	clean air, without lubrication. If lubricated air is used, it is recommended to use oil ISOVG32. Once applied the lubrication should never be interrupted.
Bore	$\varnothing$ 6, 10, 16
Stroke	see table
Mounting method	by means of threaded body

CODING EXAMPLE

14	N	1	A	06	A	05
14	SERIES					
N	VERSION N = non-magnetic					
1	OPERATION 1 = single-acting			PNEUMATIC SYMBOL CS01		
A	TYPE OF CONNECTION A = tube Ø 4 M = thread M5					
06	BORE 06 = 6 mm - 10 = 10 mm - 16 = 16 mm					
A	TYPE OF DESIGN A = non-threaded smooth piston rod B = threaded piston rod					
05	STROKE 05 = 5 mm - 10 = 10 mm - 15 = 15 mm					

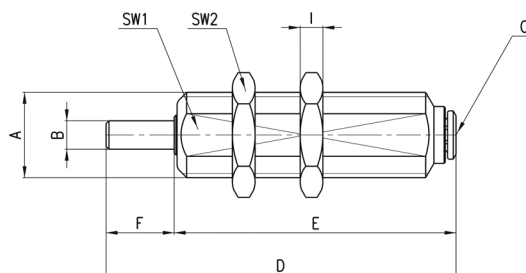
PNEUMATIC SYMBOLS

The pneumatic symbols which have been indicated in the CODING EXAMPLE are shown below.



Compact minicylinders with non threaded piston rod Mod. 14N1A

Super-rapid fitting incorporated

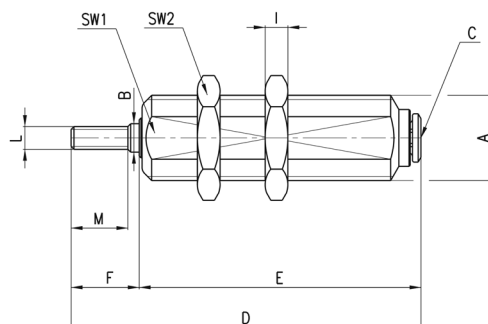


DIMENSIONS

Mod.	Ø	STROKE	A	B	C	D	E	F	SW1	SW2	I
14N1A06A05	6	5	M10x1	3	4/2	34	29	5	9	12	3
14N1A06A10	6	10	M10x1	3	4/2	42	37	5	9	12	3
14N1A06A15	6	15	M10x1	3	4/2	47	42	5	9	12	3
14N1A10A05	10	5	M15x1,5	5	4/2	50	38	12	13	19	4
14N1A10A10	10	10	M15x1,5	5	4/2	57	45	12	13	19	4
14N1A10A15	10	15	M15x1,5	5	4/2	62	50	12	13	19	4
14N1A16A05	16	5	M22x1,5	6	4/2	53,5	39,5	14	20	27	5
14N1A16A10	16	10	M22x1,5	6	4/2	62	48	14	20	27	5
14N1A16A15	16	15	M22x1,5	6	4/2	67	53	14	20	27	5

Compact minicylinders with threaded piston rod Mod. 14N1A

Super-rapid fitting incorporated

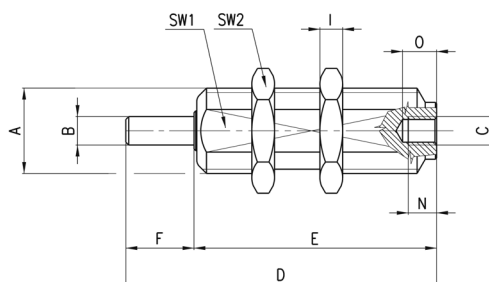


DIMENSIONS

Mod.	Ø	STROKE	A	B	C	D	E	F	SW1	SW2	I	L	M
14N1A06B05	6	5	M10x1	3	4/2	38	29	9	9	12	3	M3x0,5	7
14N1A06B10	6	10	M10x1	3	4/2	46	37	9	9	12	3	M3x0,5	7
14N1A06B15	6	15	M10x1	3	4/2	51	42	9	9	12	3	M3x0,5	7
14N1A10B05	10	5	M15x1,5	5	4/2	50	38	12	13	19	4	M4x0,7	10
14N1A10B10	10	10	M15x1,5	5	4/2	57	45	12	13	19	4	M4x0,7	10
14N1A10B15	10	15	M15x1,5	5	4/2	62	50	12	13	19	4	M4x0,7	10
14N1A16B05	16	5	M22x1,5	6	4/2	53,5	39,5	14	20	27	5	M5x0,8	12
14N1A16B10	16	10	M22x1,5	6	4/2	62	48	14	20	27	5	M5x0,8	12
14N1A16B15	16	15	M22x1,5	6	4/2	67	53	14	20	27	5	M5x0,8	12

Compact minicylinders with non threaded piston rod Mod. 14N1M

Threaded port

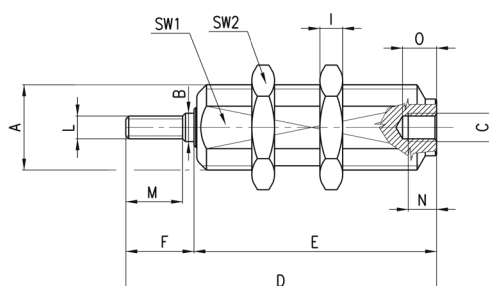


DIMENSIONS

Mod.	Ø	STROKE	A	B	C	D	E	F	SW1	SW2	I	N	O
14N1M06A05	6	5	M10x1	3	M5	28	23	5	9	12	3	5	6
14N1M06A10	6	10	M10x1	3	M5	36	31	5	9	12	3	5	6
14N1M06A15	6	15	M10x1	3	M5	41	36	5	9	12	3	5	6
14N1M10A05	10	5	M15x1,5	5	M5	43	31	12	13	19	4	5	6
14N1M10A10	10	10	M15x1,5	5	M5	50	38	12	13	19	4	5	6
14N1M10A15	10	15	M15x1,5	5	M5	55	43	12	13	19	4	5	6
14N1M16A05	16	5	M22x1,5	6	M5	46,5	32,5	14	20	27	5	5	6
14N1M16A10	16	10	M22x1,5	6	M5	55,5	41,5	14	20	27	5	5	6
14N1M16A15	16	15	M22x1,5	6	M5	60,5	46,5	14	20	27	5	5	6

Compact minicylinders with threaded piston rod Mod. 14N1M

Threaded port

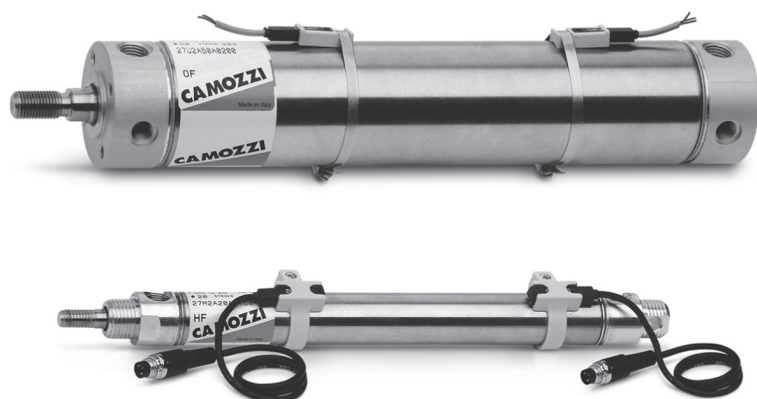


DIMENSIONS

Mod.	Ø	STROKE	A	B	C	D	E	F	SW1	SW2	I	L	M	N	O
14N1M06B05	6	5	M10x1	3	M5	32	23	9	9	12	3	M3x0,5	7	5	6
14N1M06B10	6	10	M10x1	3	M5	40	31	9	9	12	3	M3x0,5	7	5	6
14N1M06B15	6	15	M10x1	3	M5	45	36	9	9	12	3	M3x0,5	7	5	6
14N1M10B05	10	5	M15x1,5	5	M5	43	31	12	13	19	4	M4x0,7	10	5	6
14N1M10B10	10	10	M15x1,5	5	M5	50	38	12	13	19	4	M4x0,7	10	5	6
14N1M10B15	10	15	M15x1,5	5	M5	55	43	12	13	19	4	M4x0,7	10	5	6
14N1M16B05	16	5	M22x1,5	6	M5	46,5	32,5	14	20	27	5	M5x0,8	12	5	6
14N1M16B10	16	10	M22x1,5	6	M5	55,5	41,5	14	20	27	5	M5x0,8	12	5	6
14N1M16B15	16	15	M22x1,5	6	M5	60,5	46,5	14	20	27	5	M5x0,8	12	5	6

Series 27 roundline cylinders

Double-acting, magnetic
ø 20, 25, 32, 40, 50, 63 mm



- » Reduced dimensions
- » Different mounting options
- » Perfect alignment, perfect linearity

Series 27 has been designed to reduce the cylinders sizes as much as possible. These cylinders have been constructed with clean lines using stainless steel for both the tube and the rod and Aluminium for the end-blocks.

The choice of material and other design features have allowed to create a range of versatile and reliable cylinders. The precise method of securing the tube to the end block ensures that all the parts are perfectly aligned. Mechanical cushioning has been fitted on these cylinders in order to reduce noise produced by the piston impact on the end-blocks. Cylinders Series 27 are suitable for assembling with magnetic sensors. Various mounting bracket accessories enable the cylinders to be fitted to suit the requirements of a particular application.

GENERAL DATA

Type of construction	flanged
Operation	double acting
Materials	end-blocks = AL - rod and tube = stainless steel - piston = AL piston and rod seals = PU
Mounting	feet - trunnion - steel bar - pins
Strokes min-max	all diameters 10 - 1000 mm
Bores	ø 20, 25, 32, 40, 50, 63
Operating temperature	0°C ÷ 80°C (with dry air - 20°C)
Operating pressure	1 ÷ 10 bar
Speed	10 ÷ 1000 mm/sec (no load)
Fluid	filtered air, without lubrication. If lubricated air is used, it is recommended to use oil ISOVG32. Once applied the lubrication should never be interrupted.

STANDARD STROKES FOR DOUBLE-ACTING CYLINDERS SERIES 27

Mod. 27M and 27T (ø 20 ÷ 40) and Mod. 27U (ø 20 ÷ 63)

STANDARD STROKES

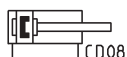
Ø	10	25	40	50	80	100	125	160	200	250	300	320	400	500
20	■	■	■	■	■	■	■	■	■	■	■	■	■	■
25	■	■	■	■	■	■	■	■	■	■	■	■	■	■
32	■	■	■	■	■	■	■	■	■	■	■	■	■	■
40	■	■	■	■	■	■	■	■	■	■	■	■	■	■
50	■	■	■	■	■	■	■	■	■	■	■	■	■	■
63	■	■	■	■	■	■	■	■	■	■	■	■	■	■

CODING EXAMPLE

27	M	2	A	20	A	0050
27	SERIES					
M	VERSION M = rear endblock with trunnion and upper round port for ø 20-25-32-40 T = rear endblock with rear round port for ø 20-25-32-40 U = rear endblock with upper round port for ø 20-25-32-40-50-63					
2	OPERATION 2 = double-acting				PNEUMATIC SYMBOL CD08	
A	MATERIALS A = rolled stainless steel rod - stainless steel tube					
20	BORE 20 = 20 mm - 25 = 25 mm - 32 = 32 mm - 40 = 40 mm - 50 = 50 mm - 63 = 63 mm					
A	TYPE OF DESIGN A = standard					
0050	STROKE (see the table)					

PNEUMATIC SYMBOLS

The pneumatic symbols which have been indicated in the CODING EXAMPLE are shown below.



ACCESSORIES FOR MAGNETIC CYLINDERS SERIES 27



Coupling piece
Mod. GKF



Self aligning rod
Mod. GK



Threaded trunnion pin
Mod. T



Piston rod socket joint
Mod. GY



Swivel ball joint Mod. GA



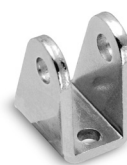
Foot mount Mod. B



Foot mount Mod. B



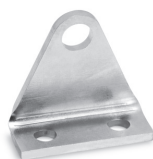
Nose nut Mod. V



Rear trunnion bracket
Mod. I



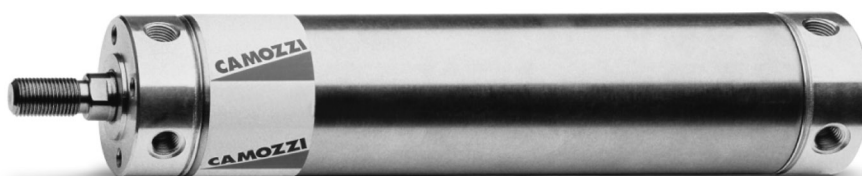
Piston rod lock nut
Mod. U



Rear trunnion bracket
Mod. I

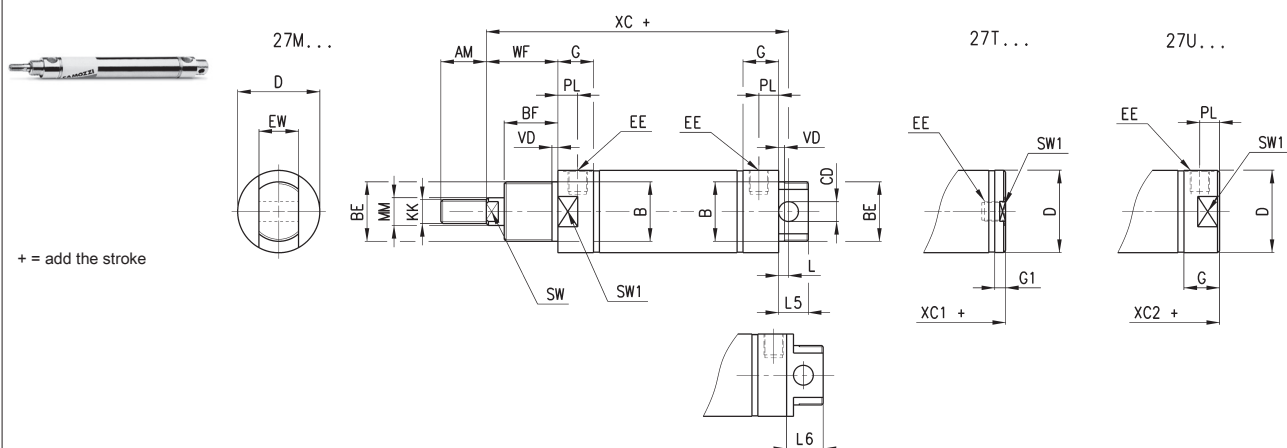


Rod fork end Mod. G



All accessories are supplied separately.

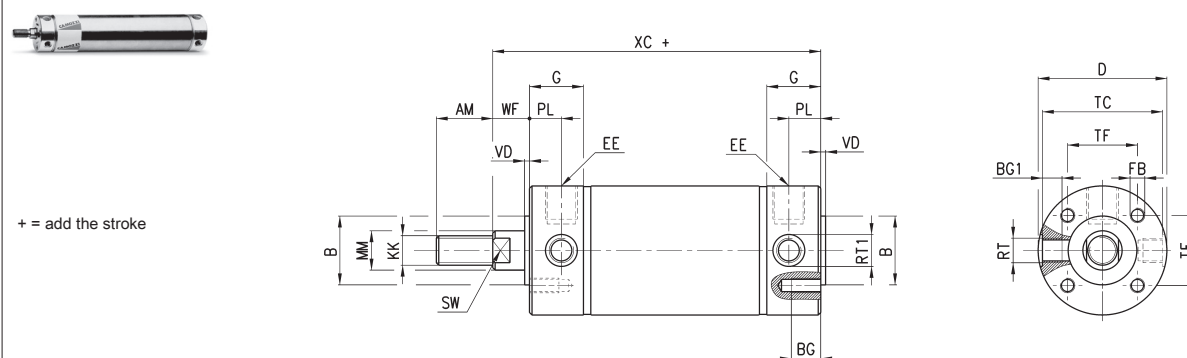
Cylinders Series 27 (Ø 20, 25, 32, 40)



DIMENSIONS

Ø	AM	øB	BF	BE	øCD ^{H9}	øD	EE	EW	G	G1	KK	L	L6	MM ^{H9}	L5	PL	SW	VD	WF	XC+	XC1+	XC2+	SW1
20	14	16	12	M16x1,5	6	21,5	G1/8	12	15,5	8	M8x1,25	7	-	8	13	9	7	3	17	77	62,5	70,8	19
25	16	18	12	M18x1,5	8	26,5	G1/8	14	15,5	8	M10x1,25	9	-	10	17	9	9	3	16,5	78,5	62	69,5	24
32	22	22	15	M22x1,5	8	33,5	G1/8	16	17,5	5,5	M10x1,25	7	20	12	15	9	10	3	23	93	74	86	30
40	23	30	15	M30x1,5	10	41,5	G1/8	20	18	5,5	M12x1,25	5	24	16	15	10	13	3	24	96	78,5	91	38

Cylinders Series 27 (Ø 50, 63)



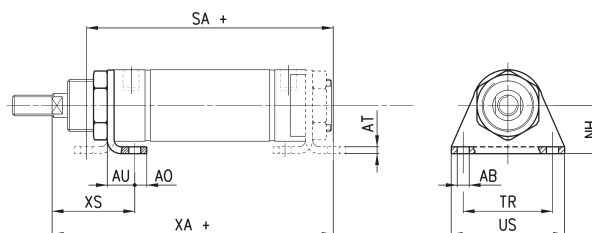
DIMENSIONS

Ø	AM	øB	BG	BG1	øD	EE	FB	G	KK	øMM ^{H9}	PL	RT	RT1	SW	TC	TF	VD	WF	XC +
50	23	28	12	8	52,5	G1/4	M6	22	M12x1,25	16	13	M10x1	13	13	49	28,5	2	13	97
63	30	35	12	9,5	65,5	G1/4	M8	22	M16x1,5	20	13	M12x1,5	15	17	62	35,5	2	13	99

Foot mount Mod. B

Material: zinc-plated steel

Supplied with:
1x foot
1x front end cap nut mod. V



+ = add the stroke

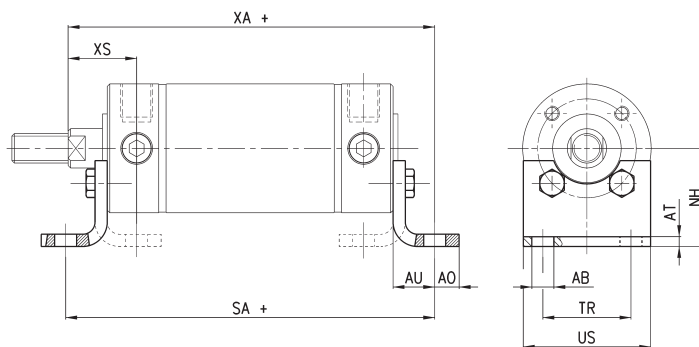
DIMENSIONS

Mod.	Ø	ØAB	AO	AT	AU	NH	SA+	TR	US	XA+	XS
B-27-20	20	5,5	6	3	13	20	79	32	42	83	27
B-27-25	25	6,6	8	3	12,5	22	78	38	49	82	26
B-27-32	32	6,6	8	4	16	25	95	40	54	102	35
B-27-40	40	7	7	4	16	28	99	52	66	107	36

Foot mount Mod. B

Material: zinc-plated steel

Supplied with:
2x feet
4x screws



+ = add the stroke

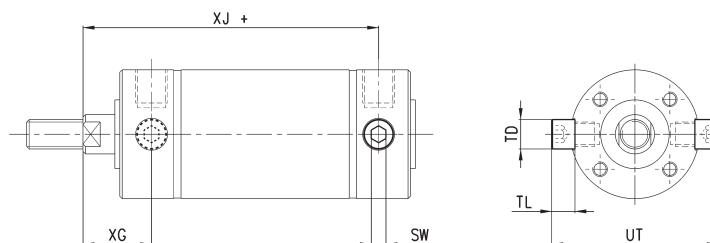
DIMENSIONS

Mod.	Ø	ØAB	AO	AT	AU	NH	SA+	TR	US	XA+	XS
B-27-50	50	9	10	4	17	40	118	36	52	114	26
B-27-63	63	9	10	5	19	47	124	45	61	118	27

Threaded trunnion pin Mod. T

Material: stainless steel

Supplied with:
2x pins



+ = add the stroke

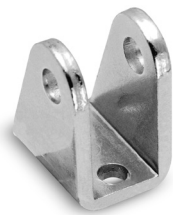
DIMENSIONS

Mod.	Ø	SW	TD ^{h9}	TL	UT	XG	XJ+
T-27-50	50	6	12	9,5	68	26	84
T-27-63	63	6	14	11	84	26	86

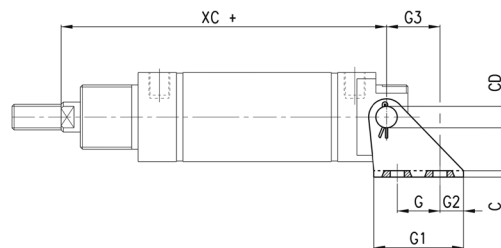
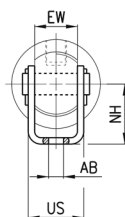
Rear trunnion bracket Mod. I (Ø 20, 25, 32, 40)

Material: zinc-plated steel

Supplied with:
1x female hinge
1x pin
2x Seeger



+ = add the stroke



DIMENSIONS

Mod.	Ø	G	G1	G2	G3	C	XC+	øAB	US	NH	øCD	EW
I-27-20	20	15	30	8	18,5	1,5	77	5,5	15	20	6	12
I-27-25	25	15	33	9	20	2	78,5	6,6	18	22	8	14
I-27-32	32	15	35	10	20	2	93	6,6	20,5	25	8	16
I-27-40	40	20	42	11	25	3	96	7	26	28	10	20

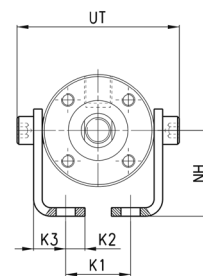
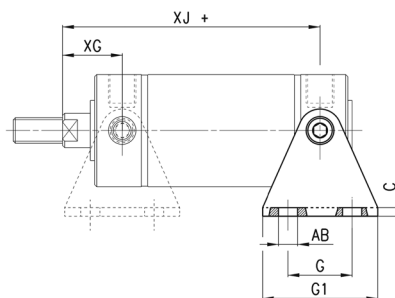
Rear trunnion bracket Mod. I

Material: zinc-plated steel

Supplied with:
2x pins
2x feet



+ = add the stroke

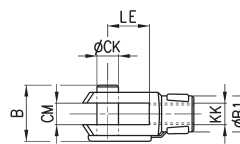
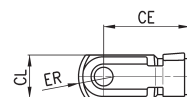


DIMENSIONS

Mod.	Ø	G	G1	C	XJ+	XG	øAB	K1	K1	K2	K3	NH	UT
I-27-50	50	30	54	4	84	26	9	9	30,5	9	15	40	68
I-27-63	63	40	64	5	86	26	9	9	40,5	9	17,5	47	84

Rod fork end Mod. G

Material: zinc-plated steel
ISO 8140

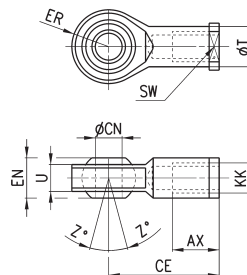


DIMENSIONS

Mod.	Ø	øCK	LE	CM	CL	ER	CE	KK	B	øB1
G-20	20	8	16	8	16	10	32	M8x1,25	22	14
G-25-32	25-32	10	20	10	20	12	40	M10x1,25	26	18
G-40	40-50	12	24	12	24	14	48	M12x1,25	32	20
G-50-63	63	16	32	16	32	19	64	M16x1,5	40	26

Swivel ball joint Mod. GA

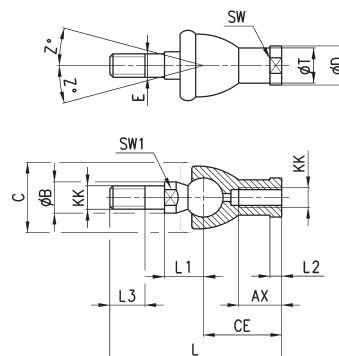
Material: zinc-plated steel
ISO 8139



DIMENSIONS											
Mod.	Ø	ø ₁ CN ^(H7)	U	EN	ER	AX	CE	KK	ø ₂ T	Z	SW
GA-20	20	8	9	12	12	16	36	M8x1,25	12,5	6,5	14
GA-32	25-32	10	10,5	14	14	20	43	M10x1,25	15	6,5	17
GA-40	40-50	12	12	16	16	22	50	M12x1,25	17,5	6,5	19
GA-50-63	63	16	15	21	21	28	64	M16x1,5	22	7,5	22

Piston rod socket joint Mod.GY

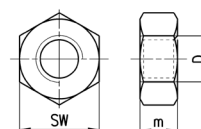
Material: zama and zinc-plated steel



DIMENSIONS																
Mod.	Ø	KK	L	CE	L2	AX	E	ø ₁ B	ø ₂ C	T	D	L1	L3	SW1	SW	Z
GY-20	20	M8x1,25	65	32	5	16	8	12	24	12,5	16	16	12	10	14	15
GY-32	25-32	M10x1,25	74	35	6,5	18	10	14	28	15	19	19,5	15	11	17	15
GY-40	40-50	M12x1,25	84	40	6,5	20	12	19	32	17,5	22	21	17	17	19	15
GY-50-63	63	M16x1,5	112	50	8	27	16	22	40	22	27	27,5	23	19	22	11

Piston rod lock nut Mod. U

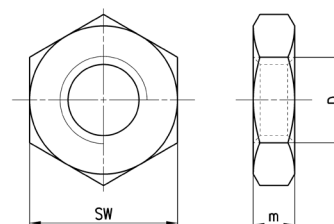
Material: zinc-plated steel
ISO 4035



DIMENSIONS				
Mod.	Ø	D	m	SW
U-20	20	M8x1,25	5	13
U-25-32	20-32	M10x1,25	6	17
U-40	40-50	M12x1,25	7	19
U-50-63	63	M16x1,5	8	24

Nose nut Mod. V

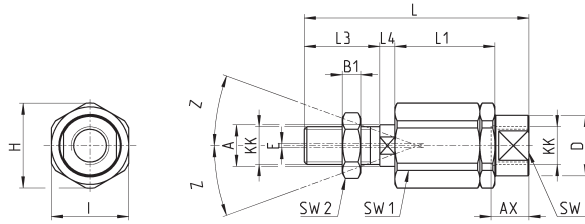
ISO 4035
V-27-25 / V-42-32 not according standard.
Material: zinc-plated steel



DIMENSIONS				
Mod.	Ø	D	m	SW
V-12-16	20	M16x1,5	6	24
V-27-25	25	M18x1,5	5	24
V-20-25	32	M22x1,5	10	32
V-42-32	40	M30x1,5	8	-

Self aligning rod Mod. GK

Material: zinc-plated steel

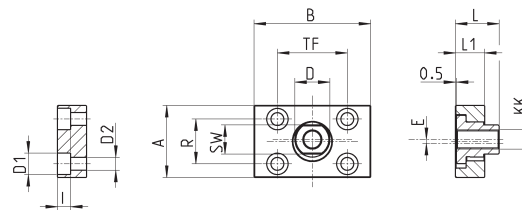


DIMENSIONS

Mod.	Ø	KK	L	L1	L3	L4	Ø A	Ø D	H	I	SW	SW1	SW2	B1	AX	Z	E
GK-20	20	M8x1,25	57	26	21	5	8	12,5	19	17	11	7	13	4	16	4	2
GK-25-32	25-32	M10x1,25	71,5	35	20	7,5	14	22	32	30	19	12	17	5	22	4	2
GK-40	40	M12x1,25	75,5	35	24	7,5	14	22	32	30	19	12	19	6	22	4	2
GK-50-63	50-63	M16x1,5	104	53	32	10	22	32	45	41	27	20	24	8	30	3	2

Coupling piece Mod. GKF

Material: zinc-plated steel



DIMENSIONS

Mod.	Ø	KK	A	B	R	TF	L	L1	I	Ø D	Ø D1	Ø D2	SW	E
GKF-20	20	M8x1,25	30	35	20	25	22,5	10	-	14	5,5	-	13	1,5
GKF-25-32	25-32	M10x1,25	37	60	23	36	22,5	15	6,8	18	11	6,6	15	2
GKF-40	40	M12x1,25	56	60	38	42	22,5	15	9	20	15	9	15	2,5
GKF-50-63	50-63	M16x1,5	80	80	58	58	26,5	15	10,5	25	18	11	22	2,5

Series 42 cylinders

Single and double-acting, magnetic, cushioned
Ø 32, 40, 50, 63

- » Perfect alignment
- » Different mounting options



Series 42 cylinders have been designed without tie rods to assure an extremely clean design.

Stainless steel has been used for the tube and the rod, while the end cover is made in anodized Aluminium. These cylinders are normally equipped with adjustable end-stroke cushioning and with a mechanical cushioning in order to make the impact of the piston less noisy as it reaches the end of the stroke.

GENERAL DATA

Type of construction	compact - flanged
Operation	single-acting or double-acting
Materials	end-blocks = AL tube = stainless steel AISI 304 rod = stainless steel AISI 420B other parts (see coding)
Type of mounting	front flange, rear flange, feet, front and rear trunnion, threaded pins
Strokes min - max	10 - 1000 mm
Operating temperature	0 ÷ 80°C (with dry air -20°C)
Operating pressure	1 ÷ 10 bar (double-acting); 2 ÷ 10 bar (single-acting)
Speed	10 ÷ 1000 mm/sec (NO LOAD)
Fluid	clean air, without lubrication. If lubricated air is used, it is recommended to use oil ISOVG32. Once applied the lubrication should never be interrupted.

STANDARD STROKES FOR DOUBLE-ACTING CYLINDERS SERIES 42

- ✕ = Double acting
■ = Single acting

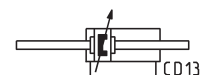
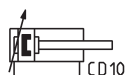
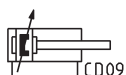
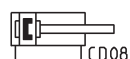
STANDARD STROKES														
Ø	25	50	75	80	100	125	150	160	200	250	300	320	400	500
32	✕ ■	✕ ■	✕ ■	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕
40	✕ ■	✕ ■	✕ ■	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕
50	✕ ■	✕ ■	✕ ■	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕
63	✕ ■	✕ ■	✕ ■	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕

CODING EXAMPLE

42	M	2	N	050	A	0200
42	SERIES					
M	VERSION M= standard magnetic					
2	OPERATION 1 = single-acting (front spring) 2 = double-acting, front and rear cushions 3 = double-acting, no cushion 4 = double-acting, rear cushions 5 = double-acting, front cushion 6 = double-acting, through-rod, front and rear cushions 7 = single-acting, through-rod, no cushions					PNEUMATIC SYMBOLS CS12 CD09 CD08 CD10 CD11 CD13 CS13
N	MATERIALS N = stainless steel AISI 420B rod - stainless steel AISI 304 tube - NBR seals					
050	BORE 032 = 32 mm 040 = 40 mm 050 = 50 mm 063 = 63 mm					
A	TYPE OF DESIGN A = standard with nose nut Mod. V and piston rod lock nut Mod. U					
0200	STROKE (see the table)					

PNEUMATIC SYMBOLS

The pneumatic symbols which have been indicated in the CODING EXAMPLE are shown below.



ACCESSORIES FOR CYLINDERS SERIES 42



Nose nut Mod. V



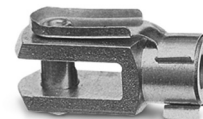
Coupling piece
Mod. GKF



Self aligning rod
Mod. GK



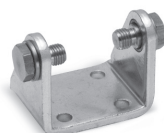
Piston rod socket joint
Mod. GY



Rod fork end Mod. G



Foot mount Mod. P



Trunnion Mod. I



Swivel ball joint Mod. GA



Brack threaded pins
Mod. T



Piston rod lock nut
Mod. U



All accessories are supplied separately, except for piston rod lock Mod. U and nose nut Mod. V.

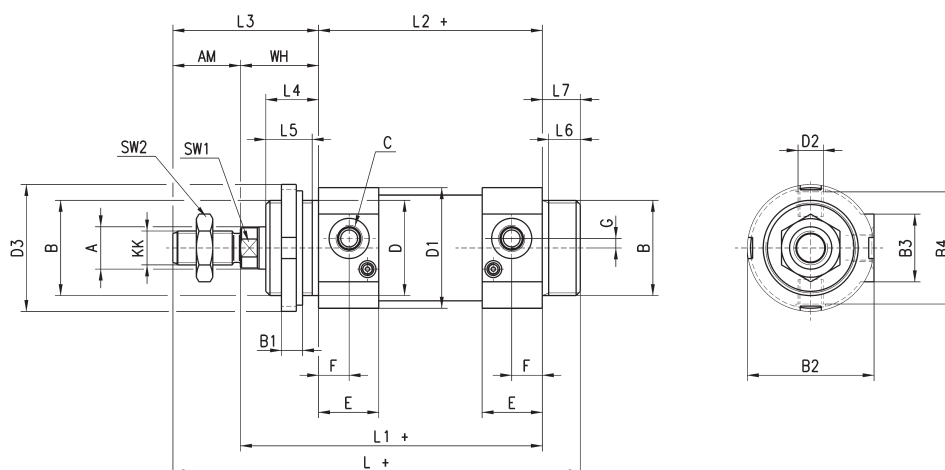
Cylinders Series 42

N.B. : sizes L, L1 and L2 in single-acting cylinders are increased by 25 mm.



+ = add the stroke

* = front/rear cushion stroke



DIMENSIONS

Ø	A	KK	B	B1	B2	B3	B4	C	D ^{d11}	D1	D2	D3	E	F	G	SW1	SW2	AM	WH	L+	L1+	L2+	L3	L4	L5	L6	L7	*
32	12	M10x1.25	M30x1.5	8	41.5	28	36	G1/8	30	38	M8x1	42	23.5	10.5	5	10	17	22	26	156	120	94	48	18	15	11	14	17 / 12
40	16	M12x1.25	M38x1.5	10	50	30	43	G1/4	38	46	M10x1	50	29	15	5	13	19	24	30	175	135	105	54	22	19	13	16	20 / 17
50	20	M16x1.5	M45x1.5	10	58.5	32	54	G1/4	40	57	M12x1.5	60	28.5	14.5	4.5	17	24	32	37	193	143	106	69	25	22	15	18	15 / 14
63	20	M16x1.5	M45x1.5	10	70.5	46.5	66	G3/8	45	70	M14x1.5	60	35	15.5	7	17	24	32	37	208	158	121	69	25	22	15	18	17 / 16

Cylinders Series 42 - through-rod

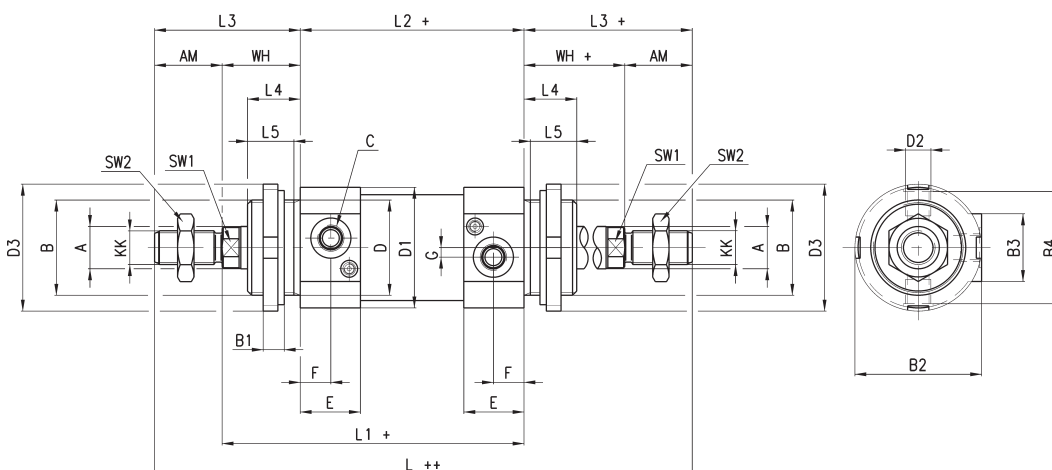
Note: sizes L, L1 and L2 in single-acting cylinders are increased by 25 mm.



+ = add the stroke once

++ = add the stroke twice

* = front/rear cushion stroke



DIMENSIONS

Ø	A	KK	B	B1	B2	B3	B4	C	D	D1	D2	D3	E	F	G	SW1	AM	SW2	WH+	L++	L1+	L2+	L3+	L4	L5	*
32	12	M10x1.25	M30x1.5	8	41.5	28	36	G1/8	30	38	M8x1	42	23.5	10.5	5	10	22	17	26	190	120	94	48	18	15	17 / 12
40	16	M12x1.25	M38x1.5	10	50	30	43	G1/4	38	46	M10x1	50	29	15	5	13	24	19	30	213	135	105	54	22	19	20 / 17
50	20	M16x1.5	M45x1.5	10	58.5	32	54	G1/4	45	57	M12x1.5	60	28.5	14.5	4.5	17	32	24	37	244	143	106	69	25	22	15 / 14
63	20	M16x1.5	M45x1.5	10	70.5	46.5	66	G3/8	45	70	M14x1.5	60	35	15.5	7	17	32	24	37	259	158	121	69	25	22	17 / 16

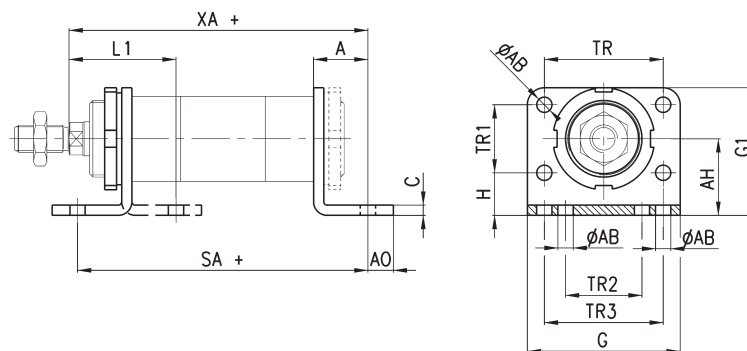


Foot mount Mod. P

Material: zinc-plated steel.



Supplied with:
1x nut
2x single feet
+ = add the stroke



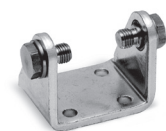
DIMENSIONS

Mod.	Ø	L1	SA +	XA +	A	AB	AO	AH	C	G	G1	TR	TR1	TR2	TR3	H
P-42-32	32	46	142	144	24	7	11	32	4	66	53	52	28	32	52	18
P-42-40	40	53	161	163	28	9	15	36	5	80	61	60	30	36	60	21
P-42-50	50	63	170	175	32	9	15	45	6	90	75	70	40	45	70	25
P-42-63	63	63	185	190	32	9	10	50	6	96	85	76	50	50	76	25

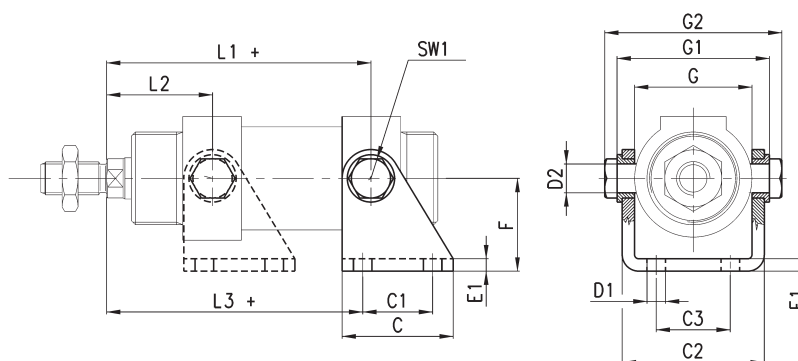


Trunnion Mod. I

Material: zinc-plated steel.



+ = add the stroke



DIMENSIONS

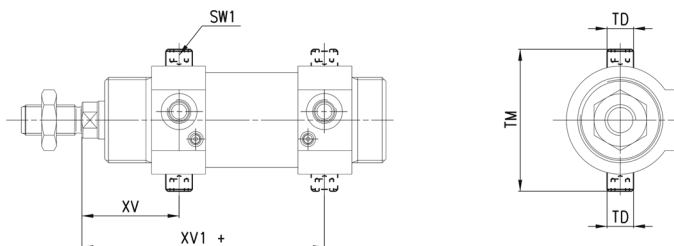
Mod.	Ø	L1 +	L2	L3 +	C	C1	C2	C3	D1	D2	E1	F	SW1	G	G1	G2
I-42-32	32	109,5	36,5	105,5	40	24	46,1	20	7	10	4	35	13	38,1	50,1	58,1
I-42-40	40	120	45	117	50	30	56,1	28	9	12	5	40	17	46,1	60,1	70,1
I-42-50	50	128,5	51,5	124,5	54	34	69,1	36	9	14	6	45	19	57,1	74,1	86,1
I-42-63	63	143	52	142	65	35	82,1	42	9	16	6	50	19	70,1	88,1	100,1

Bracket with threaded pins Mod. T

Material: stainless steel

Supplied with:
2x pins

+ = add the stroke

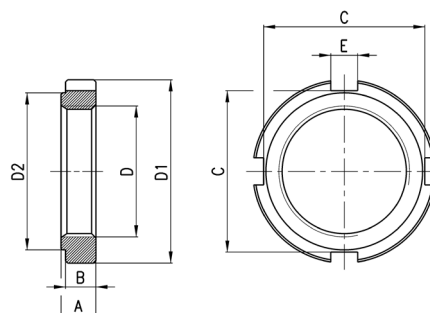


DIMENSIONS

Mod.	Ø	XV	XV1+	TD	TM	SW1
T-42-32	32	36,5	109,5	10	51	5
T-42-40	40	45	120	12	61	6
T-42-50	50	51,5	128,5	14	75	6
T-42-63	63	52	143	16	90	8

Nose nut Mod.V-42

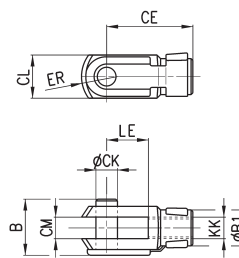
Material: zinc-plated steel



DIMENSIONS

Mod.	Ø	D	D1	D2	A	B	C	E
V-42-32	32	M30X1,5	42	36	8	7	37	6,2
V-42-40	40	M38x1,5	50	48	10	9	44	7,2
V-42-50-63	50-63	M45x1,5	60	56	10	9	53	7,2

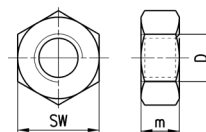
Rod fork end Mod. G

Material: stainless steel
ISO 8140

DIMENSIONS

Mod.	Ø	øCK	LE	CM	CL	ER	CE	KK	B	B1
G-25-32	32	10	20	10	20	12	40	M10X1,25	26	18
G-40	40	12	24	12	24	14	48	M12X1,25	32	20
G-50-63	50-63	16	32	16	32	19	64	M16X1,5	40	26

Piston rod lock Mod. U

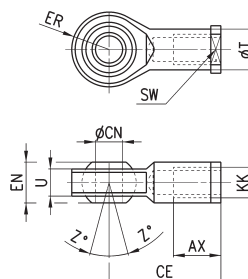


DIMENSIONS

Mod.	Ø	D	m	SW
U-25-32	32	M10X1,25	6	17
U-40	40	M12X1,25	7	19
U-50-63	50-63	M16X1,5	8	24

Swivel ball joint Mod. GA

Material: zinc-plated steel
ISO 8139

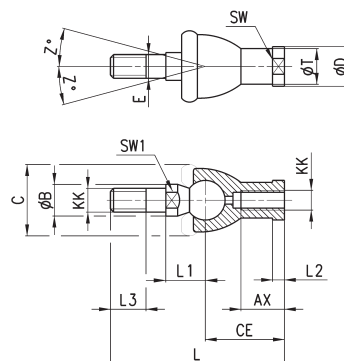


DIMENSIONS

Mod.	Ø	ØCN	U	EN	ER	AX	CE	KK	T	Z	SW
GA-32	32	10	10,5	14	14	20	43	M10X1,25	15	6,5	17
GA-40	40	12	12	16	16	22	50	M12X1,25	17,5	6,5	19
GA-50-63	50-63	16	15	21	21	28	64	M16X1,5	22	7,5	22

Piston rod socket joint Mod. GY

Material: zama and zinc-plated steel

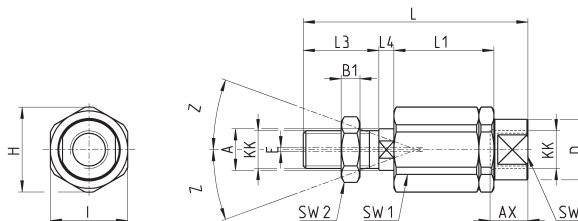


DIMENSIONS

Mod.	Ø	KK	L	CE	L2	AX	SW	SW1	L1	L3	øT	øD	E	øB	øC	Z
GY-32	32	M10x1,25	74	35	6,5	18	17	11	19,5	15	15	19	10	14	28	15
GY-40	40	M12x1,25	84	40	6,5	20	19	17	22	17	17,5	22	12	19	32	15
GY-50-63	50-63	M16x1,5	112	50	8	27	22	19	27,5	23	22	27	16	22	40	11

Self aligning rod Mod. GK

Material: zinc plated steel

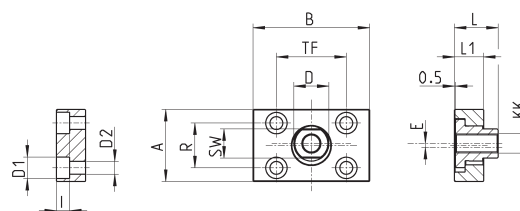
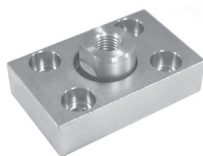


DIMENSIONS

Mod.	Ø	KK	L	L1	L3	L4	Ø A	Ø D	H	I	SW	SW1	SW2	B1	AX	Z	E
GK-25-32	32	M10x1,25	71,5	35	20	7,5	14	22	32	30	19	12	17	5	22	4	2
GK-40	40	M12x1,25	75,5	35	24	7,5	14	22	32	30	19	12	19	6	22	4	2
GK-50-63	50-63	M16x1,5	104	53	32	10	22	32	45	41	27	20	24	8	30	3	2

Coupling piece Mod. GKF

Material: zinc plated steel



DIMENSIONS

Mod.	Ø	KK	A	B	R	TF	L	L1	I	Ø D	Ø D1	Ø D2	SW	E
GKF-25-32	32	M10x1,25	37	60	23	36	22,5	15	6,8	18	11	6,6	15	2
GKF-40	40	M12x1,25	56	60	38	42	22,5	15	9	20	15	9	15	2,5
GKF-50-63	50-63	M16x1,5	80	80	58	58	26,5	15	10,5	25	18	11	22	2,5