Cylinders Series 60

New version

Single and double-acting, magnetic, cushioned Standard, low friction and low temperature versions ø 32, 40, 50, 63, 80, 100, 125 mm

- In compliance with ISO 15552 standards and with the previous DIN/ISO 6431 - VDMA 24562 standards
- Rolled stainless steel rod
- Adjustable pneumatic cushioning
- Available special versions LOW FRICTION:
- Friction force reduced by over 40%
- Reduced stick-slip effect
- Minimum operating pressure down to 0,1 bar LOW TEMPERATURE:
- Versions for -40°C and for -50°C G VARIANT FOR DUSTY APPLICATIONS:
- Highly resistant to dusty residues (cement, resin, mud, residues from wood, etc...)

The Series 60 cylinders have been designed to comply with the dimensions laid down in the ISO 15552 standards. A permanent magnet, mounted on the piston, enables information to be received regarding the piston position by means of proximity switches positioned along the cylinder tube.

This cylinders series is normally equipped with adjustable end-stroke cushioning. Moreover these cylinders are equipped with a mechanical cushioning in order to reduce the impact of the piston as it reaches the end of the stroke.

GENERAL DATA

Type of construction	with tie-rods
Operation	double-acting, single-acting, tandem. Low friction version: double-acting only.
Materials	standard: AL end-blocks and piston, rolled stainless steel AISI 420B rod, anodized AL tube, zinc-plated steel tie-rods and tie-rod nuts, PU seals; low friction: standard materials with NBR piston seals and NBR rod seal (FKM rod seal on request) low temperature: standard materials with chrome plated stainless steel AISI 420B rod, brass rod scraper ring, stainless steel AISI 303 nuts, stainless steel AISI 420B tie-rods, PU piston seals and NBR rod seal
Type of mounting	with tie-rods, with front / rear flange, foot mounting, with centre / front / rear / swivel trunnion
Strokes min - max	10 ÷ 2500 mm
Operating temperature	standard and low friction: 0°C ÷ 80°C (with dry air - 20°C) low temperature (-40°C version): -40°C ÷ 60°C (with dry air -40°C) low temperature (-50°C version): -50°C ÷ 60°C (with dry air -50°C)
Operating pressure	1 ÷ 10 bar (standard and low temperature); 0,1 ÷ 10 bar (low friction)
Speed	10 ÷ 1000 mm/sec, no load (standard and low temperature); 5 ÷ 1000 mm/sec, no load (low friction)
Fluid	filtered air, without lubrication. For standard versions only: if lubricated air is used, it is recommended to use oil ISOVG32. Once applied the lubrication should never be interrupted.

STANDARD STROKES FOR CYLINDERS SERIES 60

■ = Single-acting (standard and low temperature) ✖ = Double-acting (standard, low friction and low temperature)
Other strokes up to 2500 mm are available on request.

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

CODING EXAMPLE

60	M	2	L	050	A	0200	

60 — SERIES

M — VERSIONS
M = magnetic N = non magnetic L = low friction, magnetic

2 — OPERATION
1 = single-acting, front spring
2 = double-acting, front and rear cushioned
3 = double-acting, no cushion
4 = double-acting, rear cushioned
5 = double-acting, front cushioned
6 = double-acting, through-rod, front and rear cushioned
7 = single-acting, through-rod

PNEUMATIC SYMBOLS
CS03 (N) - CS07 (M)
CD02 (N) - CD09 (M)
CD01 (N) - CD08 (M)
CD03 (N) - CD10 (M)
CD04 (N) - CD11 (M)
CD06 (N) - CD13 (M)
CS05 (N) - CS11 (M)

L — MATERIALS
L = see the general data on page 1/1.20.01
T = stainless steel AISI 420B tie-rods, stainless steel AISI 303 tie-rod nuts, others: see p. 1/1.20.01
C = rolled stainless steel AISI 303 piston rod, stainless steel AISI 304 piston rod nut
U = rolled stainless steel AISI 303 piston rod, AISI 304 piston-rod nut, AISI 420B tie-rods, AISI 303 tie-rod nuts
W = rolled stainless steel AISI 304 piston rod, AISI304 piston-rod nut, AISI 420B tie-rods, AISI 303 tie-rod nuts
Z = chrome plated stainless steel AISI 420B rod, stainless steel AISI 304 rod nut, stainless steel AISI 420B tie-rods, stainless steel AISI 303 tie-rods nuts, seals for low temperature (-40°C), brass rod scraper [Ø 125 excepted]
Y = chrome plated stainless steel AISI 420B rod, stainless steel AISI 304 rod nut, stainless steel AISI 420B tie-rods, stainless steel AISI 303 tie-rods nuts, seals for low temperature (-50°C), brass rod scraper [Ø 125 excepted]

050 — BORE
032 = 32 mm - 040 = 40 mm - 050 = 50 mm - 063 = 63 mm - 080 = 80 mm - 100 = 100 mm - 125 = 125 mm

A — CONSTRUCTION
A = standard with lock nut for rod - RL = cylinder with rod lock - F = cylinder with centre trunnion

0200 — STROKE (see the table)

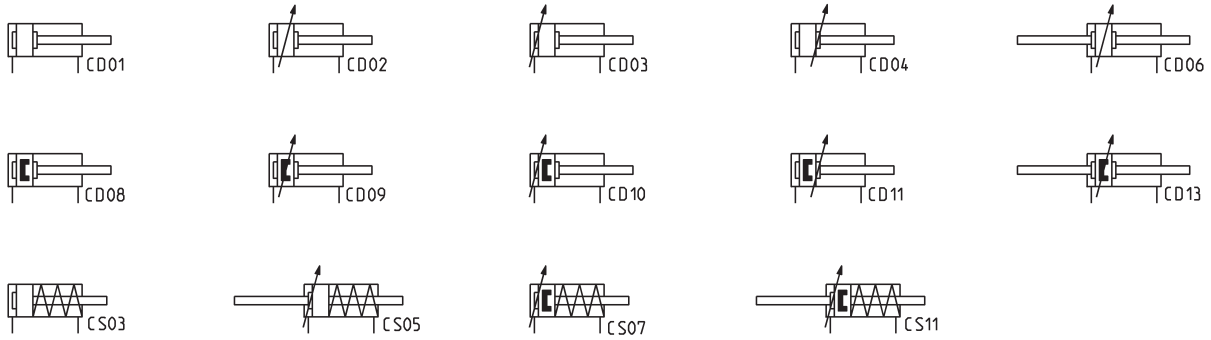
= standard V = FKM rod seal N = tandem
R = NBR rod seal W = all FKM seals ÷130C° C = PU coated cylinder. Colour: Grey *
L = low friction version without rod seal (rear supply only) ** (_ _ _) = extended piston rod _ _ _ mm
G = with brass rod scraper (chrome plated stainless steel AISI 420B rod, NBR rod seal) [Ø 125 excepted]

* Version C: available on request. For further information, please contact our technical dept.
** The possibility to order the cylinder without piston rod seal, further reduces the friction force.

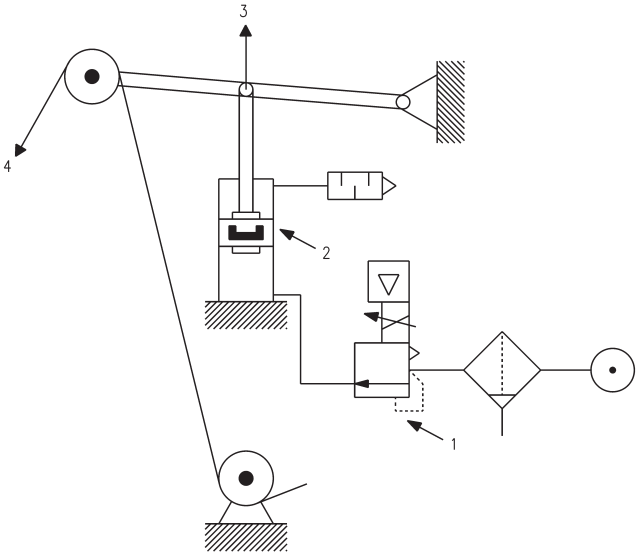
Note: all double-acting cylinders are also available in the low friction version.

PNEUMATIC SYMBOLS

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

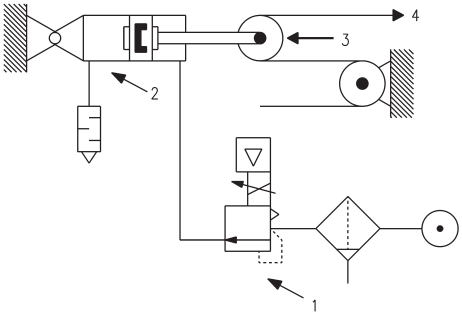


Low friction cylinders Series 60 - APPLICATION EXAMPLES



CYLINDER IN THRUST

DRAWING NOTES:
1. Precision pressure regulator or electro-pneumatic regulator
2. Low friction cylinder
3. Force direction
4. Band

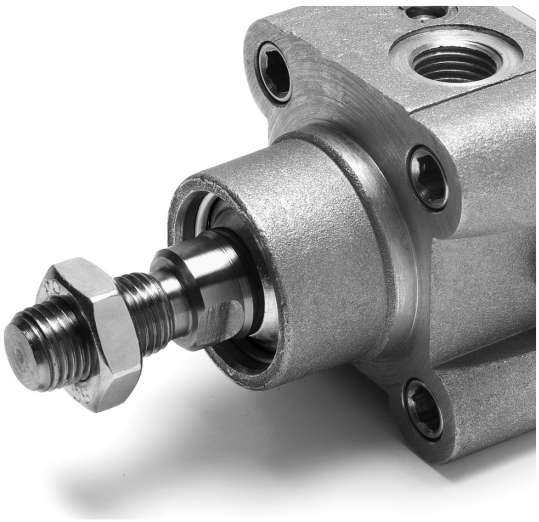


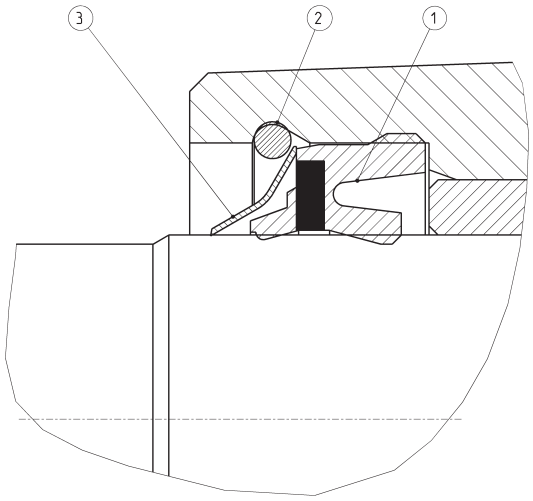
CYLINDER IN TRACTION

Note: in order to reach the highest performance, it is recommended to connect precision pressure regulator or an electro-pneumatic regulator with the low friction cylinder as shown in the drawing.

Low temperature cylinders Series 60 - DETAIL

New version





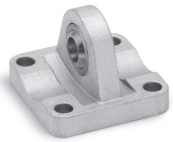
1 = rod seal
2 = seeger
3 = metal scraper

ACCESSORIES FOR CYLINDERS SERIES 60

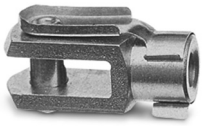
Piston rod socket joint Mod. GY

Piston rod lock nut Mod. U

Clevis pin Mod. S

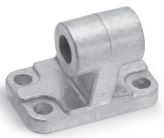


Rear trunnion ball-joint Mod. R

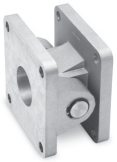


Rod fork end Mod. G

Swivel ball joint Mod. GA



90° male trunnion Mod. ZC



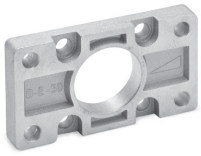
Swivel combination Mod. C+L+S

Centre trunnion Mod. F

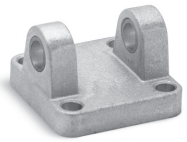
Self aligning rod Mod. GK

Counter bracket for centre trunnion Mod. BF

Foot mount Mod. B

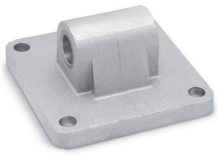


Front and rear flange Mod. D-E



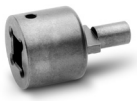
Rear female trunnion Mod. C and C-H

Front female trunnion Mod. H and C-H



Rear male trunnion Mod. L

Coupling piece Mod. GKF



Key to disassemble cylinders Ø 80 and 100

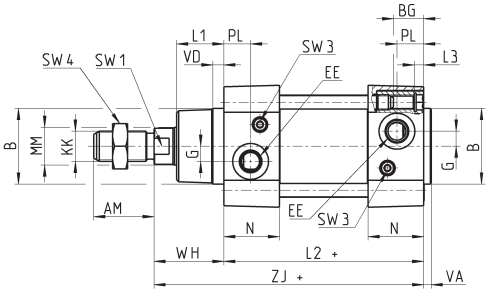
All accessories are supplied separately, except for piston rod lock nut Mod. U

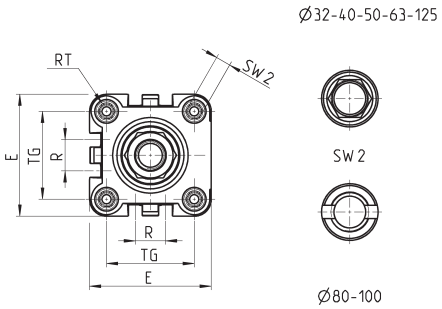
Cylinders Series 60

Note: the single-acting cylinders' sizes ZJ and L2 are increased by 25 mm.

+ = add the stroke

Table note:
* = special key 80-62/8C
(see accessories)





DIMENSIONS

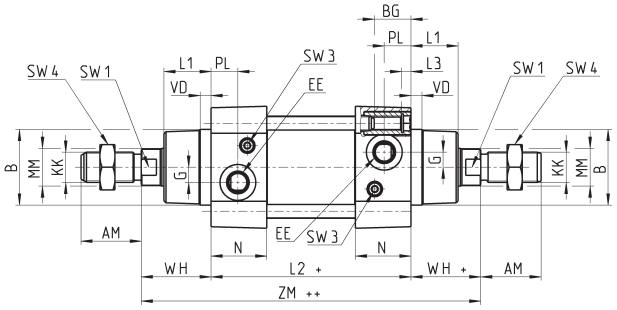
Ø	AM	B	BG	E	EE	G	KK	L1	L2+	L3	MM	N	PL	R	RT	SW1	SW2	SW3	SW4	TG	VA	VD	WH	ZJ+	Front/rear cushion stroke
32	22	30	16	46	G1/8	5	M10x1,25	18	94	5	12	26	14	13	M6	10	6	2	17	32,5	4	5	26	120	17 / 12
40	24	35	16	55	G1/4	5	M12x1,25	21	105	5	16	29	15	13,5	M6	13	6	2	19	38	4	5	30	135	20 / 17
50	32	40	16	64,5	G1/4	8	M16x1,5	25	106	5	20	29,5	15	16	M8	17	8	3	24	46,5	4	6	37	143	15 / 14
63	32	45	16	75	G3/8	8	M16x1,5	26	121	5	20	36,5	21	28	M8	17	8	3	24	56,5	4	6	37	158	17 / 16
80	40	45	19	93	G3/8	8	M20x1,5	30	128	0	25	36	21	30	M10	22	*	5	30	72	4	7	46	174	20 / 20
100	40	55	19,5	110	G1/2	8	M20x1,5	35	138	0	25	38,5	23	40	M10	22	*	5	30	89	4	7	51	189	21 / 19
125	54	60	23	135	G1/2	10,5	M27x2	42	160	0	32	43	23,5	50	M12	27	12	4	41	110	6	8	65	225	26 / 25

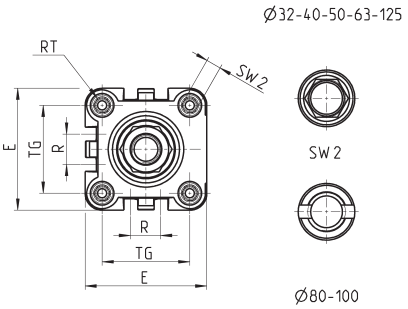
Cylinders Series 60 - through-rod

Note: the single-acting cylinders' sizes ZM and L2 are increased by 25 mm.

+ = add the stroke once
++ = add the stroke twice

Table note:
* = special key 80-62/8C
(see accessories)

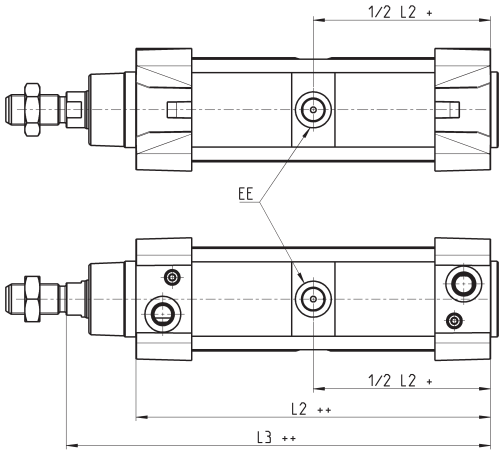


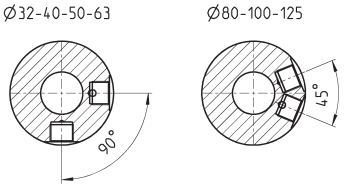


DIMENSIONS

Ø	AM	B	BG	E	EE	G	KK	L1	L2+	L3	MM	N	PL	R	RT	SW1	SW2	SW3	SW4	TG	VD	WH	ZM++	Front/rear cushion stroke
32	22	30	16	46	G1/8	5	M10x1,25	18	94	5	12	26	14	13	M6	10	6	2	17	32,5	5	26	146	17 / 12
40	24	35	16	55	G1/4	5	M12x1,25	21	105	5	16	29	15	13,5	M6	13	6	2	19	38	5	30	165	20 / 17
50	32	40	16	64,5	G1/4	8	M16x1,5	25	106	5	20	29,5	15	16	M8	17	8	3	24	46,5	6	37	180	15 / 14
63	32	45	16	75	G3/8	8	M16x1,5	26	121	5	20	36,5	21	28	M8	17	8	3	24	56,5	6	37	195	17 / 16
80	40	45	19	93	G3/8	8	M20x1,5	30	128	0	25	36	21	30	M10	22	*	5	30	72	7	46	220	20 / 20
100	40	55	19,5	110	G1/2	8	M20x1,5	35	138	0	25	38,5	23	40	M10	22	*	5	30	89	7	51	240	21 / 19
125	54	60	23	135	G1/2	10,5	M27x2	42	160	0	32	43	23,5	50	M12	27	12	4	41	110	8	65	290	26 / 25

Cylinders Series 60 - tandem version



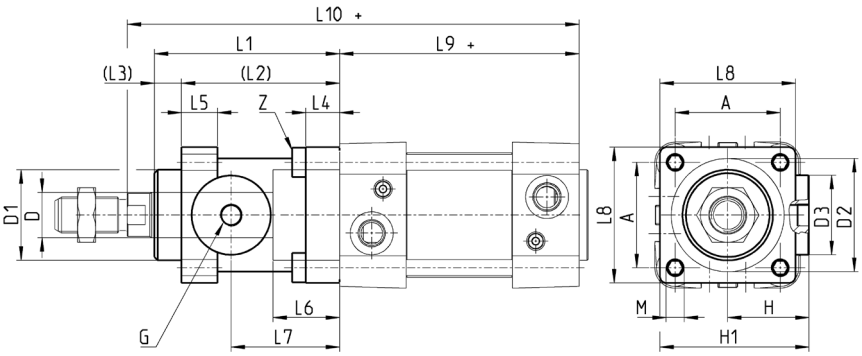


+ = add the stroke once
++ = add the stroke twice

DIMENSIONS

Ø	EE	L2	L3
32	G1/8	171,5	197,5
40	G1/4	191,5	221,5
50	G1/4	188	225
63	G3/8	204	241
80	G3/8	225,5	271,5
100	G1/2	231	282
125	G1/2	264	329

Cylinders Series 60 with rod lock



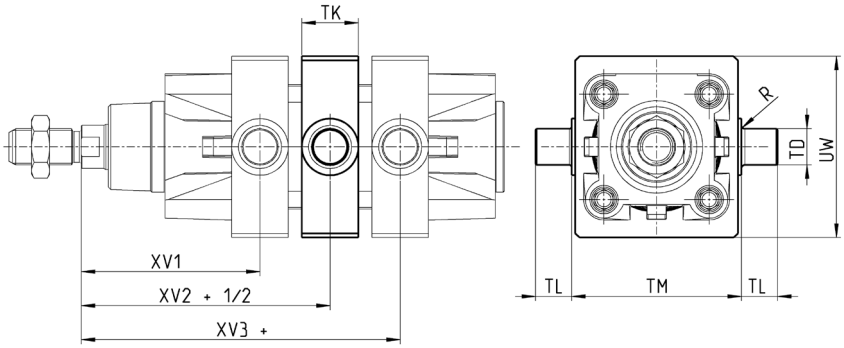
+ = add the stroke

DIMENSIONS

Ø	⌀D	⌀D1	⌀D2	⌀D3	A	G	H	H1	L1	L2	L3	L4	L5	L6	L7	L8	L9+	L10+	M	Z
32	12	30,5	35	25	32,5	M5	25,5	46,5	58	48	10	8	13	20,5	34	45	94	160	M6	M6X20
40	16	35	40	28	38	G1/8	30	53	65	55	10	8	13	22,5	38	50	105	178	M6	M6X20
50	20	40	50	35	46,5	G1/8	36	64	82	70	12	15	16	29,5	48	60	106	200	M8	M8X30
63	20	45	60	38	56,5	G1/8	40	75	82	70	12	15	16	29,5	49,5	70	121	215	M8	M8X30
80	25	45	80	48	72	G1/8	50	95	110	90	20	18	20	35	61	90	128	254	M10	M10X35
100	25	55	100	58	89	G1/8	58	110,5	115	100	15	18	20	39	69	105	138	269	M10	M10X35
125	32	60	130	65	110	G1/8	80	150	167	122	45	22	30	51	86,5	140	160	350	M12	M12X40

Cylinders Series 60 with centre trunnion Mod. F

+ = add the stroke once
++ = add the stroke twice



DIMENSIONS

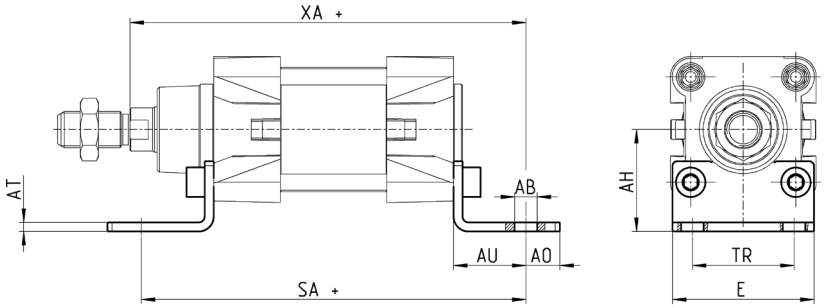
Ø	XV1	XV2	XV3	TM (h14)	TK	TD (e9)	TL (h14)	UW	R
32	62	73	84	50	20	12	12	50	0.5
40	69	82,5	96	63	20	16	16	60	1
50	79	90	101	75	25	16	16	70	1
63	86	97,5	109	90	25	20	20	85	1
80	97	110	123	110	30	20	20	105	1
100	104,5	120	135,5	132	30	25	25	125	1.5
125	123	145	167	160	30	25	25	155	1.5

Foot mount Mod. B

Material: zinc-plated steel

Supplied wth:
2x feet
4x screws

+ = add the stroke

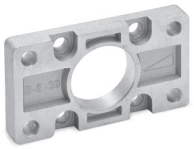


DIMENSIONS

Mod.	Ø	AT	SA+	XA+	TR	E	AB	AH	AO	AU	torque force
B-41-32	32	4	142	144	32	45	7	32	11	24	6 Nm
B-41-40	40	4	161	163	36	53,5	10	36	15	28	6 Nm
B-41-50	50	4	170	175	45	62,5	10	45	15	32	13 Nm
B-41-63	63	5	185	190	50	73	10	50	15	32	13 Nm
B-41-80	80	6	210	216	63	92	12	63	20	41	19 Nm
B-41-100	100	6	220	230	75	108,5	14,5	71	25	41	22 Nm
B-41-125	125	7	250	270	90	132	16,5	90	25	45	26 Nm

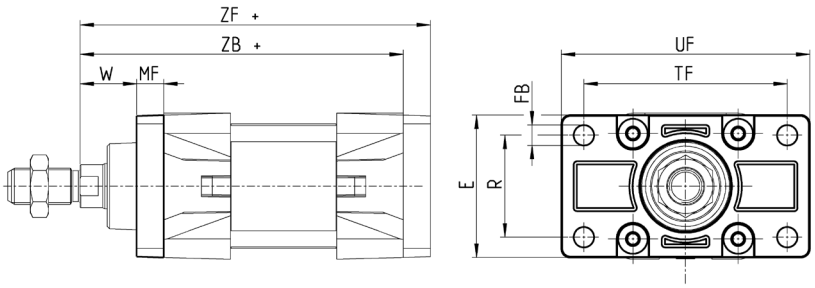
Front and rear flange Mod. D-E

Material: Aluminium



Supplied with:
1x flange
4x screws

+ = add the stroke

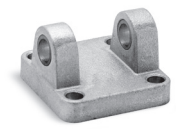


DIMENSIONS

Mod.	Ø	W	MF	ZB	TF	R	UF	E	FB	ZF	torque force
D-E-41-32	32	16	10	120	64	32	86	45	7	130	6 Nm
D-E-41-40	40	20	10	135	72	36	88	52	9	145	6 Nm
D-E-41-50	50	25	12	143	90	45	110	63	9	155	13 Nm
D-E-41-63	63	25	12	158	100	50	116	73	9	170	13 Nm
D-E-41-80	80	30	16	174	126	63	148	95	12	190	19 Nm
D-E-41-100	100	35	16	189	150	75	176	115	14	205	22 Nm
D-E-41-125	125	45	20	225	180	90	224	135	16	245	26 Nm

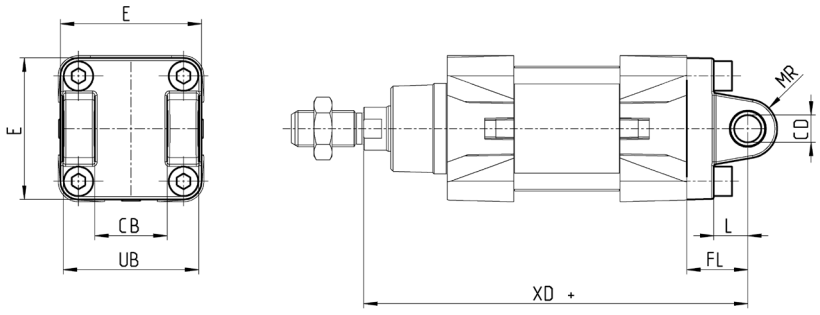
Rear female trunnion Mod. C and C-H

Material: Aluminium



Supplied with:
1x female trunnion
4x screws

+ = add the stroke



DIMENSIONS

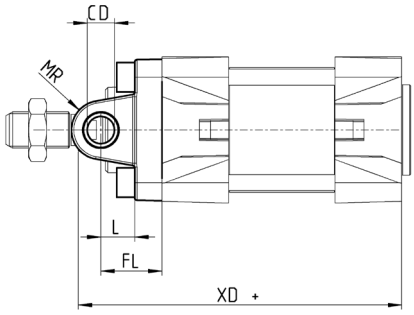
Mod.	Ø	CD	L	FL	XD+	MR	E	CB	UB	torque force
C-41-32	32	10	12	22	142	10	45	26	45	6 Nm
C-41-40	40	12	15	25	160	13	52	28	52	6 Nm
C-41-50	50	12	15	27	170	13	63	32	60	13 Nm
C-H-41-63	63	16	20	32	190	15	73	40	70	13 Nm
C-H-41-80	80	16	24	36	210	15	95	50	90	19 Nm
C-H-41-100	100	20	29	41	230	18	115	60	110	22 Nm
C-H-41-125	125	25	30	50	275	25	135	70	130	26 Nm

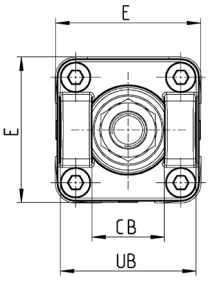
Front female trunnion Mod. H and C-H

Material: Aluminium

Supplied with:
1x trunnion
4x screws

+ = add the stroke



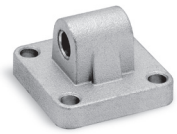


DIMENSIONS

Mod.	CB	UB	E	XD+	FL	L	CD	MR	torque force
H-41-32	26	45	45	120	22	12	10	10	6 Nm
H-41-40	28	52	52	135	25	15	12	13	6 Nm
H-41-50	32	60	63	143	27	15	12	13	13 Nm
H-60-63	40	70	73	158	32	20	16	15	13 Nm
C-H-41-80	50	90	95	174	36	24	16	15	19 Nm
C-H-41-100	60	110	115	189	41	29	20	18	22 Nm
C-H-41-125	70	130	135	225	50	30	25	25	22 Nm

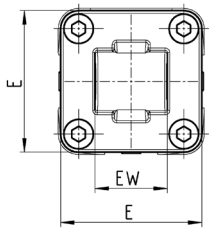
Rear male trunnion Mod. L

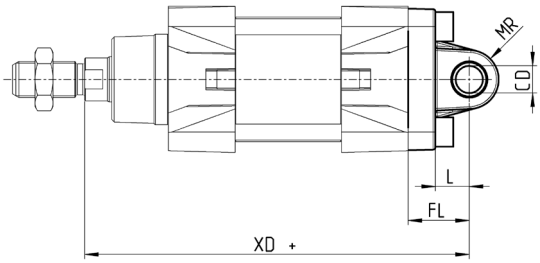
Material: Aluminium



Supplied with:
2x male trunnions
4x screws

+ = add the stroke





DIMENSIONS

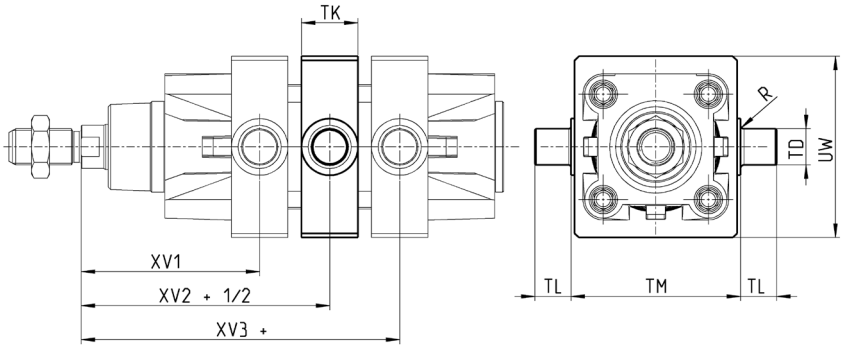
Mod.	Ø	CD	L	FL	XD+	MR	E	EW	torque force
L-41-32	32	10	12	22	142	9	45	26	6 Nm
L-41-40	40	12	15	25	160	13	52	28	6 Nm
L-41-50	50	12	15	27	170	13	63	32	13 Nm
L-41-63	63	16	20	32	190	15	73	40	13 Nm
L-41-80	80	16	24	36	210	15	95	50	19 Nm
L-41-100	100	20	29	41	230	18	115	60	22 Nm
L-41-125	125	25	30	50	275	25	135	70	26 Nm

Centre trunnion Mod. F

Material: zinc-plated steel

Supplied with:
1x intermediate trunnion
4x clamping elements
4x locking screws

+ = add the stroke

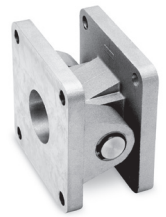


DIMENSIONS

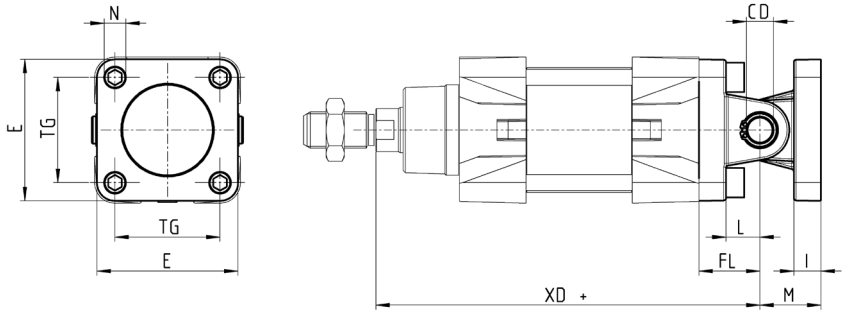
Mod.	Ø	XV1	XV2	XV3	TM (h14)	TK	TD (e9)	TL	UW	R
F-32	32	62	73	84	50	20	12	12	50	0.5
F-40	40	69	82,5	96	63	20	16	16	60	1
F-50	50	79	90	101	75	25	16	16	70	1
F-63	63	86	97,5	109	90	25	20	20	85	1
F-80	80	97	110	123	110	30	20	20	105	1
F-100	100	104,5	120	135,5	132	30	25	25	125	1.5
F-125	125	123	145	167	160	30	25	25	155	1.5

Accessory combination Mod. C+L+S

Material: Aluminium



+ = add the stroke

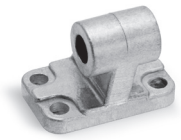


DIMENSIONS

Mod.	Ø	⌀CD	L	FL	XD+	TG	E	I	M	⌀N	torque force
C+L+S	32	10	12	22	142	32,5	45	10	22	6,5	6 Nm
C+L+S	40	12	15	25	160	38	52	10	25	6,5	6 Nm
C+L+S	50	12	15	27	170	46,5	63	12	27	9	13 Nm
C+L+S	63	16	20	32	190	56,5	73	12	32	9	13 Nm
C+L+S	80	16	24	36	210	72	95	12	36	11	19 Nm
C+L+S	100	20	29	41	230	89	115	12	41	11	22 Nm
C+L+S	125	25	30	50	275	110	135	20	50	13	26 Nm

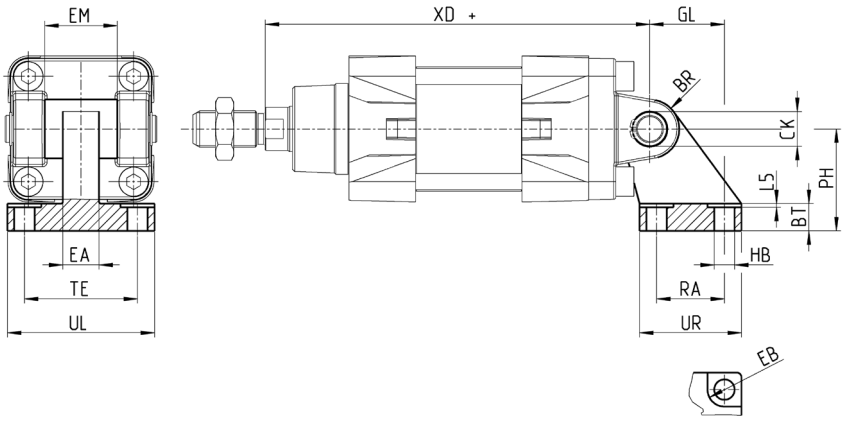
90° male trunnion Mod. ZC

CETOP RP 107P
Material: aluminium



Supplied with:
1x male trunnion

+ = add the stroke

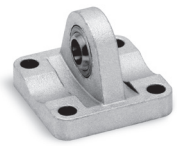


DIMENSIONS

Mod.	Ø	EB	⌀CK	HB	XD+	TE	UL	EA	GL	L5	RA	EM	UR	PH	BT	BR
ZC-32	32	11	10	6,6	142	38	51	10	21	1,6	18	26	31	32	8	10
ZC-40	40	11	12	6,6	160	41	54	15	24	1,6	22	28	35	36	10	11
ZC-50	50	15	12	9	170	50	65	16	33	1,6	30	32	45	45	12	13
ZC-63	63	15	16	9	190	52	67	16	37	1,6	35	40	50	50	14	15
ZC-80	80	18	16	11	210	66	86	20	47	2,5	40	50	60	63	14	15
ZC-100	100	18	20	11	230	76	96	20	55	2,5	50	60	70	71	17	19
ZC-125	125	20	25	14	275	94	124	30	70	3,2	60	70	90	90	20	22,5

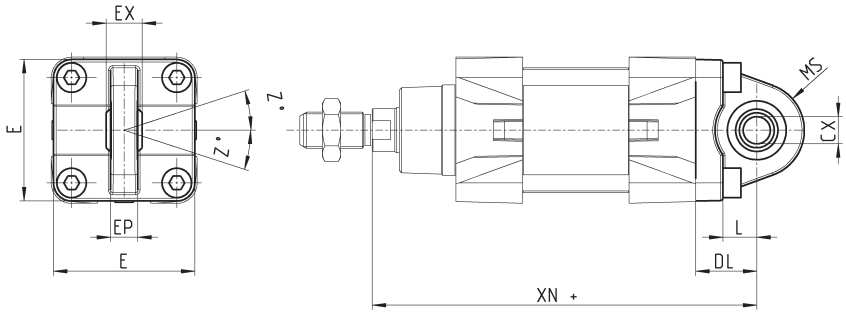
Rear trunnion ball-joint Mod. R*

Material: aluminium
* not according to standard



Supplied with:
1x trunnion ball joint
4x screws

+ = add the stroke

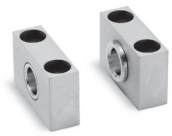


DIMENSIONS

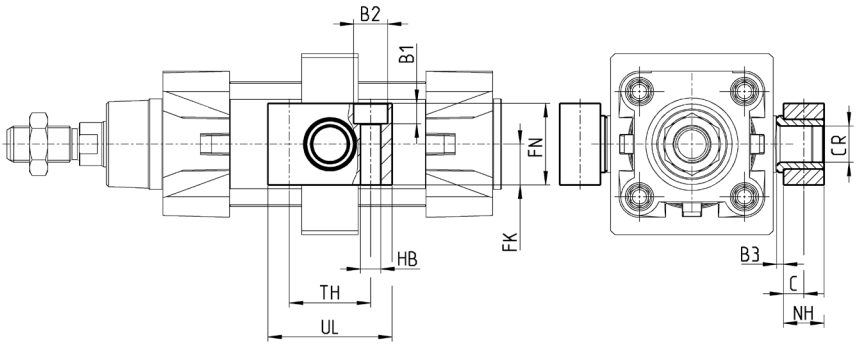
Mod.	Ø	⌀CX	L	DL	XN+	MS	E	EX	EP	Z	torque force
R-41-32	32	10	12	22	142	16	45	14	10,5	4	6 Nm
R-41-40	40	12	15	25	160	20	52	16	12	4	6 Nm
R-41-50	50	12	15	27	170	20	63	16	12	4	13 Nm
R-41-63	63	16	20	32	190	24	73	21	15	4	13 Nm
R-41-80	80	16	24	36	210	24	95	21	15	4	19 Nm
R-41-100	100	20	29	41	230	30	115	25	18	4	22 Nm
R-41-125	125	30	30	50	275	40	140	37	25	4	26 Nm

Counter bracket for centre trunnion Mod. BF

Material: aluminium



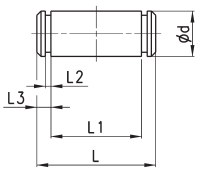
Supplied with:
2x supports



DIMENSIONS											
Mod.	CR	NH	C	b3	TH	UL	FK	FN	B1	B2	HB
BF-32	12	15	7,5	3	32	46	15	30	6,8	11	6,6
BF-40-50	16	18	9	3	36	55	18	36	9	15	9
BF-63-80	20	20	10	3	42	65	20	40	11	18	11
BF-100-125	25	25	12,5	3,5	50	75	25	50	13	20	14

Clevis pin Mod. S

Suppied with:
1x clevis pin in
stainless steel 303
2x Seeger in steel



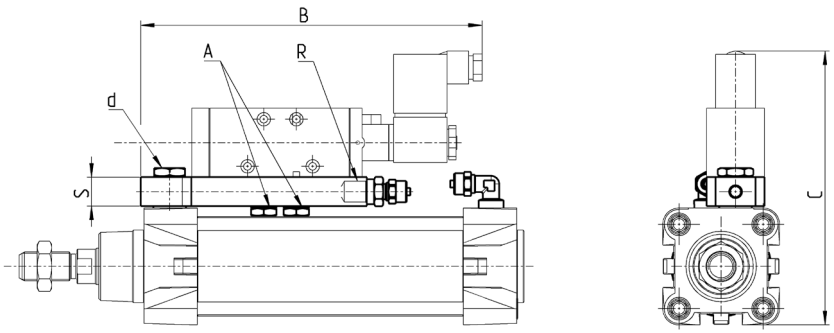
DIMENSIONS						
Mod.	Ø	d	L	L1	L2	L3
S-32	32	10	52	46	1,1	3
S-40	40	12	59	53	1,1	3
S-50	50	12	67	61	1,1	3
S-63	63	16	77	71	1,1	3
S-80	80	16	97	91	1,1	3
S-100	100	20	121	111	1,3	5
S-125	125	25	140,5	132	1,3	4,25

Accessory for mounting valves on the cylinder

The mounting sub-base Mod. PCV enables the valve to be mounted directly on the cylinder and it's fixed on it using screws Mod. 1635 or flow controllers, Mod. SCU. The other end of the plate has a threaded port.

d* = mounting on the cylinder using Mod. 1635 or Mod. SCU.

Note: the minimum possible stroke is 100mm.

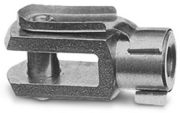


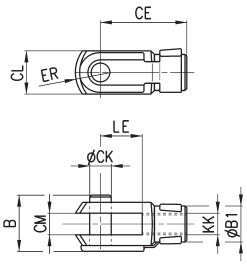
DIMENSIONS

Mod.	Ø	A	B	C	R	S	d*
PCV-32	32	G1/8	185	131,5	G1/8	16	G1/8
PCV-40-50	40	G1/8	188,5	140,5	G1/4	16	G1/4
PCV-40-50	50	G1/8	188,5	150	G1/4	16	G1/4
PCV-63-80	63	G1/4	215	167	G1/4	16	G3/8
PCV-63-80	80	G1/4	215	185	G1/4	16	G3/8

Rod fork end Mod. G

ISO 8140
Material: zinc-plated steel



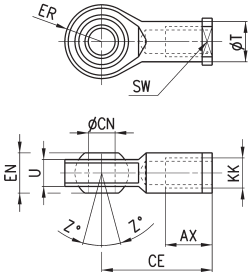


DIMENSIONS

	CK	LE	CM	CL	ER	CE	KK	B	B1
G-25-32	10	20	10	20	12	40	M10X1,25	26	18
G-40	12	24	12	24	14	48	M12X1,25	32	20
G-50-63	16	32	16	32	19	64	M16X1,5	40	26
G-80-100	20	40	20	40	25	80	M20X1,5	48	34
G-41-125	30	54	30	55	38	110	M27X2	74	48

Swivel ball joint Mod. GA

ISO 8139.
Material: zinc-plated steel.

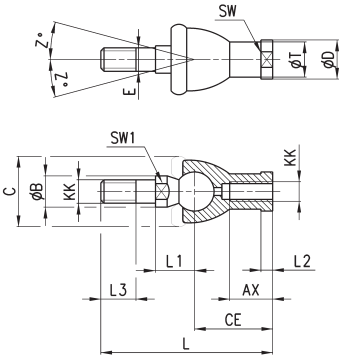


DIMENSIONS

Mod.	Ø	⌀CN(H7)	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
GA-80-100	80-100	20	18	25	25	33	77	M20x1,5	27,5	7	30
GA-41-125	125	30	25	37	35	51	110	M27x2	40	7,5	41

Piston rod socket joint Mod. GY

Material: zama and zinc-plated steel.

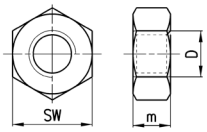


DIMENSIONS

Mod.	Ø	KK	L	CE	L2	AX	SW	SW1	L1	L3	⌀T	⌀D	E	⌀B	⌀C	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	21	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
GY-80-100	80-100	M20x1,5	133	63	10	38	30	24	31,5	25	27,5	34	20	27	45	7,5

Piston rod lock nut Mod. U

ISO 4035
Material: zinc-plated steel

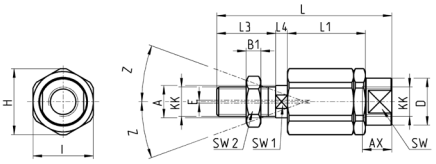


DIMENSIONS

Mod.	Ø	KK	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
U-80-100	80-100	M20X1,5	9	30
U-41-125	125	M27X2	12	41

Self aligning rod Mod. GK

Material: zama and zinc-plated steel.

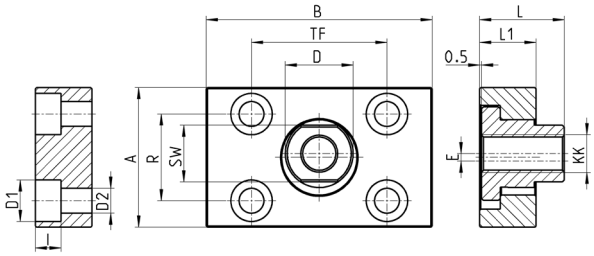


DIMENSIONS

Mod.	Ø	KK	L	L1	L3	L4	⌀A	⌀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
GK-80-100	80-100	M20x1,5	119	53	40	10	22	32	45	41	27	20	30	10	37	3	2

Coupling piece Mod. GKF

Material: zinc-plated steel.

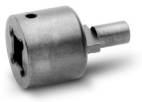


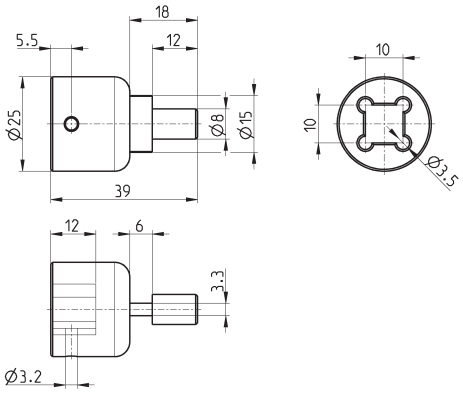
DIMENSIONS

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
GKF-80-100	80-100	M20x1,5	90	90	65	65	32,5	20	13	30,5	20	14	27	2,5
GKF-125	125	M27x2	90	90	65	65	35,5	20	13	40	20	14	36	4

Special key to disassemble cylinders Ø 80 and 100

Material: hardened steel.





Mod.
80-62/8C