

## Cylinders Series 60

Single and double-acting (magnetic) (DIN/ISO 6431)  
 ø 32, 40, 50, 63, 80, 100, 125 cushioned



The Series 60 cylinders with diameters 32, 40, 50, 63, 80, 100 and 125 have been designed to comply with the dimensions laid down in the DIN/ISO 6431 standards. A permanent magnet is mounted on the piston in these cylinders.

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.

These cylinders can also accommodate stroke lengths up to 1000 mm for bore sizes shown in the table.



▶ DIN/ISO 6431

▶ VDMA 24562

▶ Rolled stainless steel rod

### GENERAL DATA

Type of construction	with tie-rods
Operation	double-acting, single-acting, others see coding
Materials	aluminium end-blocks, other parts see coding
Type of mounting	with tie-rods, front flange, rear flange, feet, centre trunnion, front and rear trunnion, swivel combination
Max. strokes	0 ÷ 2500mm
Bore	ø32, 40, 50, 63, 80, 100, 125
Ports	32 = G1/8; 40-50 = G1/4; 63/80 = G3/8; 100/125 = G1/2
Assembly position	any position
Operating temperature	0 ÷ 80°C (with dry air -20°C)
Special design	for use in damp, dusty and aggressive environments

PNEUMATIC SPECIFICATIONS	
Operating pressure	1 ÷ 10 bar
Speed	10 ÷ 1000 mm/sec (No load)
Fluid	clean air, with or without lubrication

**CYLINDER CODING**

**60M2L050A0200**

**SERIES**  
60 = from ø32 ÷ 125  
DIN/ISO 6431

**VERSIONS**  
M = magnetic  
N = non magnetic

**STROKE** in mm

S = special to be indicated  
V = seals rod viton  
N = tandem  
R = seals rod NBR  
W = all seals in viton

**OPERATION**  
1 = single-acting (front spring)  
2 = double-acting (front and rear cushions)  
3 = double-acting (no cushion)  
4 = double-acting (rear cushion)  
5 = double-acting (front cushion)  
6 = double-acting (through-rod with front and rear cushions)  
7 = single-acting (through-rod)

**BORE** in mm

**MATERIALS**  
A = rolled stainless steel rod - coated ST37,2 tube only until ø 100 - NBR seals, nuts and tie-rods zinc-plated steel - rod seals polyurethane  
L = rolled stainless steel rod - anodized aluminium round tube - NBR seals - nuts and tie-rods zinc-plated steel - rod seals polyurethane  
\* T = rolled stainless steel rod - anodized aluminium round tube - NBR seals - rod seals polyurethane - nuts and tie-rods stainless steel  
\* (only on request)

**TYPE OF BRACKET**  
A = standard with lock nut for rod  
B = feet  
C = rear trunnion, female  
D = rear flange  
E = rear flange  
F = centre trunnion  
H = front trunnion, female  
I = swivel combination  
L = rear trunnion, male  
R = trunnion ball-joint  
Z = 90° swivel combination  
ZC = 90° male trunnion  
G = rod fork end  
GA = swivel ball joint  
GY = piston rod socket joint  
S = clevis pin

**60M2A** = standard version in stock (32÷100)  
**60M2L** = standard version in stock (32÷125)

**Note:** The accessories are not mounted on the cylinders

**CHARACTERISTICS OF SINGLE-ACTING CYLINDERS SERIES 60-61**

ø	min÷max stroke	Thrust N at 6 bar	Force of spring at rest N (stroke 75 mm)	Force of compressed spring N
32	10 ÷ 75	425	31	57
40	10 ÷ 75	664	35	57
50	10 ÷ 75	1037	60	115
63	10 ÷ 75	1650	60	115
80	10 ÷ 75	2660	84	133
100	10 ÷ 75	4154	84	133

**N.B.:** the Series 60-61 single-acting cylinders' sizes L1 and L2 are increased by 25 mm.

**TABLE SHOWING THE STANDARD STROKES FOR CYLINDERS SERIES 60**

■ Single-acting  
x Double-acting

Series	ø	standard strokes													
		25	50	75	80	100	125	150	160	200	250	300	320	400	500
60	32	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
60	40	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
60	50	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
60	63	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
60	80	■ x	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x
60	100	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x	x
60	125	■ x	■ x	x	x	x	x	x	x	x	x	x	x	x	x

TABLE SHOWING AIR CONSUMPTION OF SERIES 60

ø cyl. in mm.	ø Rod in mm.	Working area in cm <sup>2</sup> .	Operating pressure in bar										
			1	2	3	4	5	6	7	8	9	10	
			Air consumption in NL for each 10 mm. of stroke										
32	12	Thrust side	8.03	0.016	0.024	0.032	0.040	0.048	0.056	0.064	0.072	0.080	0.088
		Traction side	6.9	0.014	0.021	0.028	0.035	0.042	0.048	0.055	0.062	0.069	0.076
40	16	Thrust side	12.56	0.025	0.038	0.050	0.063	0.075	0.088	0.100	0.113	0.126	0.138
		Traction side	10.56	0.021	0.032	0.042	0.053	0.063	0.074	0.085	0.095	0.106	0.116
50	20	Thrust side	19.6	0.039	0.059	0.079	0.098	0.118	0.137	0.157	0.177	0.196	0.216
		Traction side	16.48	0.033	0.050	0.066	0.083	0.099	0.115	0.132	0.148	0.165	0.182
63	20	Thrust side	31.15	0.062	0.094	0.125	0.156	0.187	0.218	0.249	0.280	0.312	0.343
		Traction side	28	0.056	0.084	0.112	0.140	0.168	0.196	0.224	0.252	0.280	0.308
80	25	Thrust side	50.25	0.101	0.151	0.201	0.251	0.302	0.352	0.402	0.452	0.503	0.553
		Traction side	45.35	0.091	0.136	0.181	0.227	0.272	0.317	0.363	0.408	0.454	0.499
100	25	Thrust side	78.5	0.157	0.235	0.314	0.392	0.471	0.550	0.628	0.707	0.785	0.864
		Traction side	73.6	0.147	0.221	0.295	0.368	0.441	0.515	0.589	0.663	0.736	0.810
125	32	Thrust side	122.65	0.245	0.368	0.491	0.614	0.736	0.859	0.982	1.104	1.227	1.350
		Traction side	115.6	0.229	0.344	0.459	0.573	0.688	0.803	0.917	1.032	1.147	1.261

THE VALUES SHOWN IN THE TABLE WERE OBTAINED USING THE FOLLOWING FORMULAE:

$$Q_s = \frac{D^2 \cdot \pi \cdot (P + 1)}{4 \cdot 1000} \cdot H$$

$$Q_n = (Q_s + Q_t) \cdot n$$

$$Q_t = \frac{(D^2 - d^2) \cdot \pi \cdot (P + 1)}{4 \cdot 1000} \cdot H$$

Q<sub>s</sub> = consumption on thrust side  
D = diameter on thrust side in cm.

Q<sub>t</sub> = consumption on traction side  
d = rod diameter in cm.

Q<sub>n</sub> = consumption of cylinder  
H = cylinder stroke in cm.

n = number of cycles per minute  
P = operating pressure in bar

TABLE SHOWING THE OUTPUT FORCE OF SERIES 60

ø cyl. in mm.	ø Rod in mm.	Working area in cm <sup>2</sup> .	Operating pressure in bar										
			1	2	3	4	5	6	7	8	9	10	
			Output force in N (efficiency factor 0,9)										
32	12	Thrust side	8.03	70	140	210	283	354	425	494	595	635	706
		Traction side	6.9	60	120	180	243	305	365	426	487	548	608
40	16	Thrust side	12.56	110	220	330	443	554	664	775	886	998	1108
		Traction side	10.56	93	186	280	375	465	559	652	745	838	931
50	20	Thrust side	19.6	173	346	518	692	865	1037	1210	1382	1556	1729
		Traction side	16.48	145	290	436	582	727	872	1017	1163	1308	1454
63	20	Thrust side	31.15	275	550	824	1098	1373	1650	1923	2198	2472	2747
		Traction side	28	247	494	740	988	1235	1480	1729	1976	2222	2470
80	25	Thrust side	50.25	443	886	1330	1772	2216	2660	3100	3545	3990	4432
		Traction side	45.35	400	800	1200	1600	2000	2400	2800	3200	3600	4000
100	25	Thrust side	78.5	692	1385	2077	2770	3460	4154	4847	5540	6320	6923
		Traction side	73.6	650	1300	1948	2608	3245	3895	4544	5193	5842	6492
125	32	Thrust side	122.65	1090	2180	3270	4360	5450	6540	7631	8721	9811	10901
		Traction side	115.6	1019	2037	3056	4075	5093	6112	7130	8149	9168	10186

THE VALUES SHOWN IN THE TABLE WERE OBTAINED USING THE FOLLOWING FORMULAE:

$$S_s = \frac{D^2 \cdot \pi}{4} \cdot P \cdot \eta$$

$$S_t = \frac{(D^2 - d^2) \cdot \pi}{4} \cdot P \cdot \eta$$

S<sub>s</sub> = output force on thrust side  
S<sub>t</sub> = output force on traction side

P = operating pressure in bar  
D = diameter on thrust side in cm.

d = rod diameter in cm  
η = efficiency factor

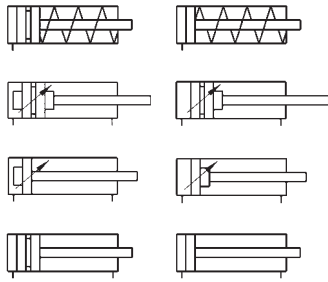
TORQUE FORCE BRACKETS SERIES 60

Cylinder bore	32	40	50	63	80	100	125
Max. torque force brackets	6Nm	6Nm	13Nm	13Nm	19Nm	22Nm	26Nm

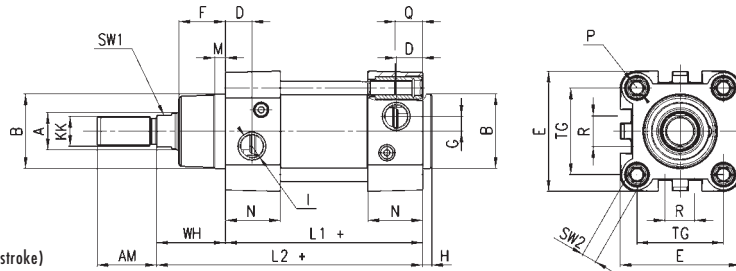


ACTUATORS

**Cylinders Series 60**



(+ add the stroke)

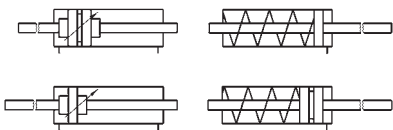


**DIMENSIONS**

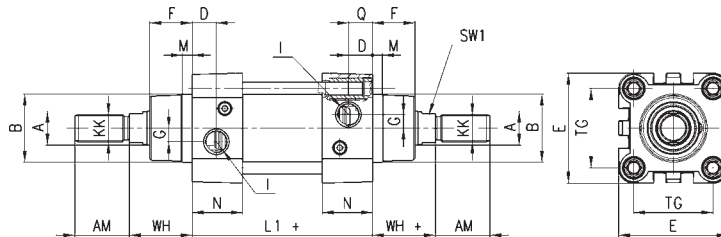
Series	ø	A	KK	B <sup>d11</sup>	D	F	AM	H	I	WH	L1	L2	M	N	Q	P	G	TG	R	E	SW1	SW2	Cushion stroke
60	32	12	M10x1,25	30	14	18	22	4	G1/8	26	94	120	5	26	16	M6	5	32,5	13	46	10	6	19
60	40	16	M12x1,25	35	15	21	24	4	G1/4	30	105	135	5	29	16	M6	5	38	13,5	55	13	6	22
60	50	20	M16x1,5	40	15	24	32	4	G1/4	37	106	143	6	29,5	16	M8	8	46,5	16	64,5	17	8	22
60	63	20	M16x1,5	45	21	26	32	4	G3/8	37	121	158	6	36,5	16	M8	8	56,5	28	75	17	8	22
60	80	25	M20x1,5	45	21	26	40	4	G3/8	46	128	174	7	36	19	M10	8	72	30	93	22	10	25
60	100	25	M20x1,5	55	23	35	40	4	G1/2	51	138	189	7	38,5	19,5	M10	8	89	40	110	22	10	25
60	125	32	M27x2	60	23,5	42	54	6	G1/2	65	160	225	8	43	23	M12	10,5	110	50	135	27	12	43

**Cylinders Series 60**

Through rod



(+ add the stroke)



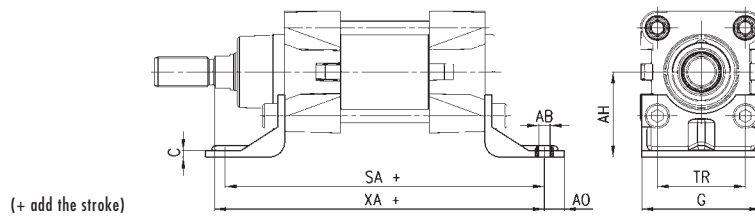
**DIMENSIONS**

Series	ø	A	KK	B <sup>d11</sup>	D	F	AM	I	WH	L1	L2	M	N	P	Q	G	TG	R	E	SW1	SW2	Cushion stroke
60	32	12	M10x1,25	30	14	18	22	G1/8	26	94	120	5	26	M6	16	5	32,5	13	46	10	6	19
60	40	16	M12x1,25	35	15	21	24	G1/4	30	105	135	5	29	M6	16	5	38	13,5	55	13	6	22
60	50	20	M16x1,5	40	15	24	32	G1/4	37	106	143	6	29,5	M8	16	8	46,5	16	64,5	17	8	22
60	63	20	M16x1,5	45	21	26	32	G3/8	37	121	158	6	36,5	M8	16	8	56,5	28	75	17	8	22
60	80	25	M20x1,5	45	21	26	40	G3/8	46	128	174	7	36	M10	19	8	72	30	93	22	10	25
60	100	25	M20x1,5	55	23	35	40	G1/2	51	138	189	7	38,5	M10	19,5	8	89	40	110	22	10	25
60	125	32	M27x2	60	23,5	42	54	G1/2	65	160	225	8	43	M12	23	10,5	110	50	135	27	12	43

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**Foot mount Mod. B...**

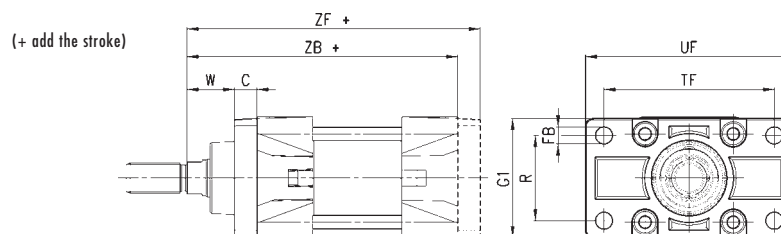
Material: zinc-plated steel.

**DIMENSIONS**

Mod.	∅	C	SA ± 1,25	XA ± 1,25	TR JS 14	G	AB	AH JS 15	AO
<b>B-41-32</b>	32	3,5	142	144	32	46	7	32	11
<b>B-41-40</b>	40	3,5	161	163	36	52	9	36	9
<b>B-41-50</b>	50	3,5	170	175	45	63	9	45	12
<b>B-41-63</b>	63	5	185	190	50	75	9	50	13
<b>B-41-80</b>	80	5	210	216	63	95	12	63	16
<b>B-41-100</b>	100	5	220	230	75	115	14	71	15
<b>B-41-125</b>	125	8	250	270	90	135	16	90	15

**Front and rear flange Mod. D...**

Material: aluminium.

**DIMENSIONS**

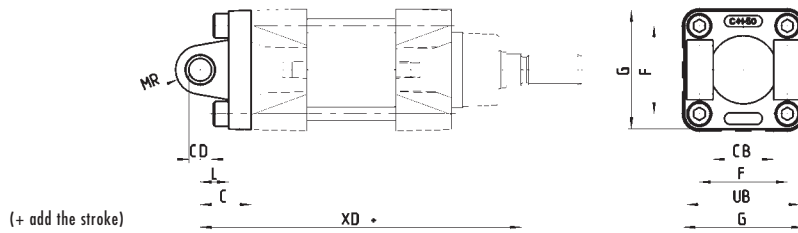
Mod.	∅	W ± 2	C	ZB JS 14	TF JS 14	R JS 14	UF	G1	FB H 13	ZF ± 1,25
<b>D-E-41-32</b>	32	16	10	120	64	32	86	45	7	130
<b>D-E-41-40</b>	40	20	10	135	72	36	88	52	9	145
<b>D-E-41-50</b>	50	25	12	143	90	45	110	63	9	155
<b>D-E-41-63</b>	63	25	12	158	100	50	116	73	9	170
<b>D-E-41-80</b>	80	30	16	174	126	63	148	95	12	190
<b>D-E-41-100</b>	100	35	16	189	150	75	176	115	14	205
<b>D-E-41-125</b>	125	45	20	225	180	90	224	135	16	245



ACTUATORS

**Rear trunnion, female Mod. C...**

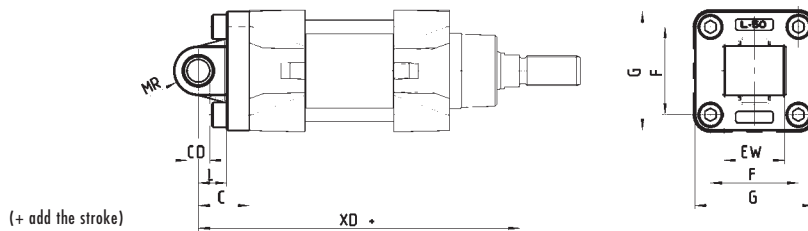
Material: aluminium.



DIMENSIONS										
Mod.	∅	CD <sup>H9</sup>	L	C	XD ± 1.6	MR	F	G	CB H14	UB h14
<b>C-41-32</b>	32	10	12	22	142	10	32,5	45	26	45
<b>C-41-40</b>	40	12	15	25	160	13	38	52	28	52
<b>C-41-50</b>	50	12	15	27	170	13	46,5	63	32	60
<b>C-H-41-63</b>	63	16	20	32	190	15	56,5	73	40	70
<b>C-H-41-80</b>	80	16	24	36	210	15	72	95	50	90
<b>C-H-41-100</b>	100	20	29	41	230	18	89	115	60	110
<b>C-H-41-125</b>	125	25	30	50	275	25	110	135	70	130

**Rear trunnion, male Mod. L...**

Material: aluminium.

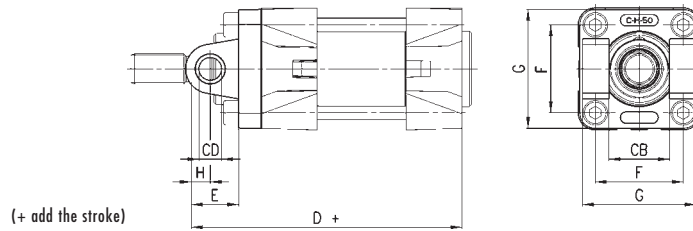


DIMENSIONS									
Mod.	∅	CD <sup>H9</sup>	L	C	XD ± 1.6	MR	F	G	EW -0.2 -0.6
<b>L-41-32</b>	32	10	12	22	142	9	32,5	45	26
<b>L-41-40</b>	40	12	15	25	160	13	38	52	28
<b>L-41-50</b>	50	12	15	27	170	13	46,5	63	32
<b>L-41-63</b>	63	16	20	32	190	15	56,5	73	40
<b>L-41-80</b>	80	16	24	36	210	15	72	95	50
<b>L-41-100</b>	100	20	29	41	230	18	89	115	60
<b>L-41-125</b>	125	25	30	50	275	25	110	135	70

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**Front trunnion, female Mod. H...**

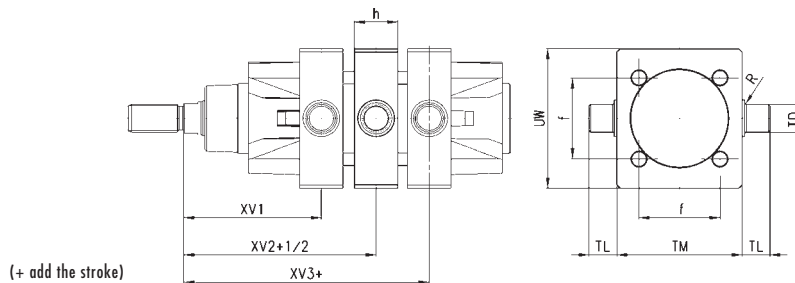
Material: aluminium.

**DIMENSIONS**

Mod.	∅	CD <sup>H9</sup>	E	H	D	MR	F	G	CB H14	UB h14
<b>H-41-32</b>	32	10	16	4	120	10	32,5	45	26	45
<b>H-41-40</b>	40	12	20	5	135	13	38	52	28	52
<b>H-41-50</b>	50	12	25	10	143	13	46,5	63	32	60
<b>H-60-63</b>	63	16	25	5	158	15	56,5	73	40	70
<b>C-H-41-80</b>	80	16	34	10	174	15	72	95	50	90
<b>C-H-41-100</b>	100	20	39	10	189	18	89	115	60	110
<b>C-H-41-125</b>	125	25	45	15	225	25	110	135	70	130

**Centre trunnion Mod. F...**

Material: zinc-plated steel.

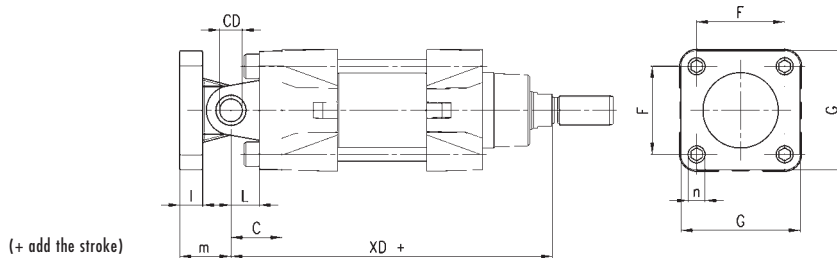
**DIMENSIONS**

Mod.	∅	XV1 ± 2	XV2 ± 2	XV3 ± 2	f	TM h14	h	TD e9	TL h14	UW	R
<b>F-32</b>	32	63,5	73	82,5	32,5	50	20	12	12	65	0,1
<b>F-40</b>	40	72,5	82,5	92,5	38	63	25	16	16	74	0,15
<b>F-50</b>	50	79,5	90	100,5	46,5	75	25	16	16	85	0,15
<b>F-63</b>	63	88	97,5	107	56,5	90	30	20	20	100	0,15
<b>F-80</b>	80	97	110	123	72	110	30	20	20	120	0,15
<b>F-100</b>	100	102	120	138	89	132	30	25	25	135	0,2
<b>F-125</b>	125	121	145	169	110	160	30	25	25	160	0,2



**Swivel combination Mod. I...**

Material: aluminium.

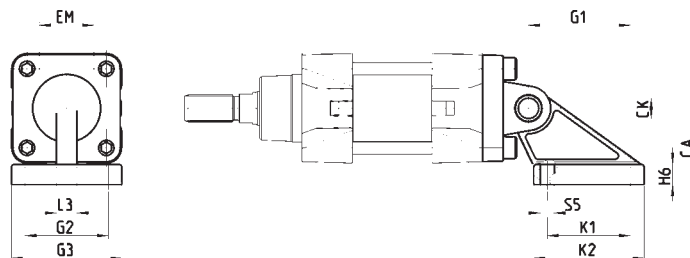


**DIMENSIONS**

Mod.	∅	CD <sup>H9</sup>	L	C	XD ± 1.6	F	G	I	m	n
<b>I-41-32</b>	32	10	12	22	142	32,5	45	10	22	6,5
<b>I-41-40</b>	40	12	15	25	160	38	52	10	25	6,5
<b>I-41-50</b>	50	12	15	27	170	46,5	63	12	27	9
<b>I-41-63</b>	63	16	20	32	190	56,5	73	12	32	9
<b>I-41-80</b>	80	16	24	36	210	72	95	12	36	11
<b>I-41-100</b>	100	20	29	41	230	89	115	12	41	11
<b>I-41-125</b>	125	25	30	50	275	110	135	20	50	13

**90° male trunnion according to CETOP RP 107P Mod. ZC...**

CETOP RP 107P.  
Material: aluminium.



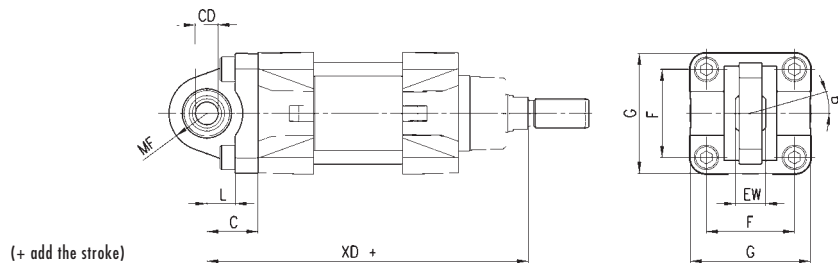
**DIMENSIONS**

Mod.	∅	M	CK	S5	d	K1	K2	L3	G1	L5	G2	EM	G3	CA	H6	R1	
		H13	H9	H13		JS14	MAX	MAX	JS14	MAX	JS14		SJ14	JS15		MAX	
<b>ZC-32</b>	32	11	10	6,6	154	38	51	10	21	1,6	18	26	31	32	8	10	
<b>ZC-40</b>	40	11	12	6,6	173	41	54	15	24	1,6	22	28	-0,2	35	36	10	11
<b>ZC-50</b>	50	15	12	9	188	50	65	16	33	1,6	30	32	-0,6	45	45	12	13
<b>ZC-63</b>	63	15	16	9	209,5	52	67	16	37	1,6	35	40		50	50	12	15
<b>ZC-80</b>	80	18	16	11	237	66	86	20	47	2,5	40	50		60	63	14	15
<b>ZC-100</b>	100	18	20	11	260	76	96	20	55	2,5	50	60	-0,5	70	71	15	19
<b>ZC-125</b>	125	20	25	14	315	94	124	30	70	3,2	60	70	-1,5	90	90	20	22,5

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**Rear Trunnion ball-joint Mod. R\*...**

Material: aluminium  
\*not according to standard.

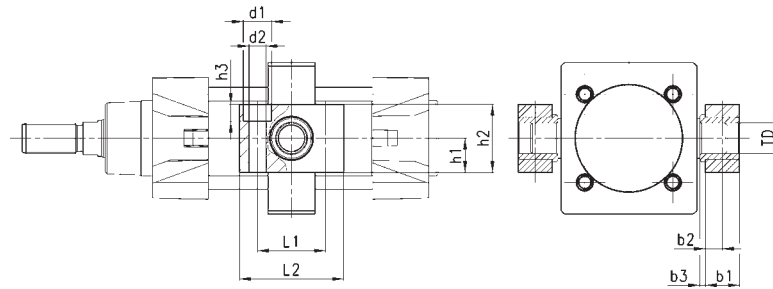


**DIMENSIONS**

Mod.	∅	CD <sup>H9</sup>	L	C	XD ±1.6	MR	F	G	EW -0.1	β°
<b>R-41-32</b>	32	10	12	22	142	16	32,5	45	14	13
<b>R-41-40</b>	40	12	15	25	160	20	38	52	16	13
<b>R-41-50</b>	50	12	15	27	170	20	46,5	63	16	15
<b>R-41-63</b>	63	16	20	32	190	24	56,5	73	21	15
<b>R-41-80</b>	80	16	24	36	210	24	72	95	21	15
<b>R-41-100</b>	100	20	29	41	230	30	89	115	25	15

**Counter bracket for centre trunnion Mod. BF...**

Material: aluminium.



**DIMENSIONS**

Mod.	∅ cyl.	TD	b1	b2	b3	L1	L2	h1	h2	h3	d1	d2
<b>BF-32</b>	32	12	15	7,5	3	32	46	15	30	6,8	11	6,6
<b>BF-40-50</b>	40-50	16	18	9	3	36	55	18	36	9	15	9
<b>BF-63-80</b>	63-80	20	20	10	3	42	65	20	40	11	18	11
<b>BF-100-125</b>	100-125	25	25	12,5	3,5	50	75	25	50	13	20	14



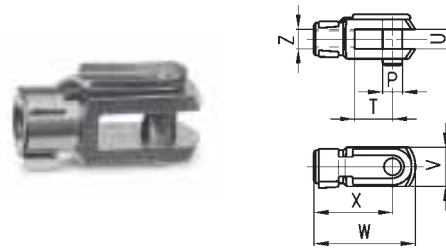
ACTUATORS

**Rod Fork End G...**

ISO 8140.  
Material: zinc-plated steel.

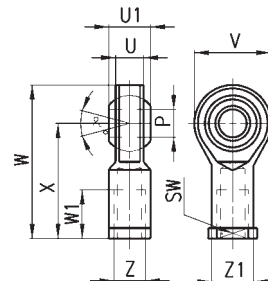
**DIMENSIONS**

Mod.	ø cyl.	P	T	U	V	W	X	Z
<b>G-25-32</b>	32	10	20	10	20	52	40	M10x1,25
<b>G-40</b>	40	12	24	12	24	62	48	M12x1,25
<b>G-50-63</b>	50-63	16	32	16	32	83	64	M16x1,5
<b>G-80-100</b>	80-100	20	40	20	40	105	80	M20x1,5
<b>G-41-125</b>	125	30	55	30	55	148	110	M27x2



**Swivel Ball Joint Mod. GA...**

ISO 8139.  
Material: zinc-plated steel.

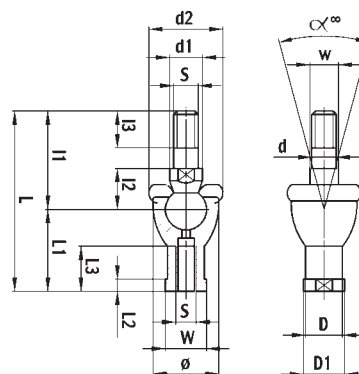


**DIMENSIONS**

Mod	ø cyl.	øP (H7)	U	U1	V	W	W1	X	Z	Z1	α°	SW
<b>GA-32</b>	32	10	10,5	14	28	56	20	43	M10x1,25	15	8	17
<b>GA-40</b>	40	12	12	16	32	65	22	50	M12x1,25	17,5	8	19
<b>GA-50-63</b>	50-63	16	15	21	42	83	28	64	M16x1,5	22	8,5	22
<b>GA-80-100</b>	80-100	20	18	25	50	100	33	77	M20x1,5	27,5	9	30
<b>GA-41-125</b>	125	30	25	37	70	145	51	110	M27x2	40	17	41

**Piston Rod Socket Joint Mod. GY.**

Material: aluminium and zinc-plated steel.



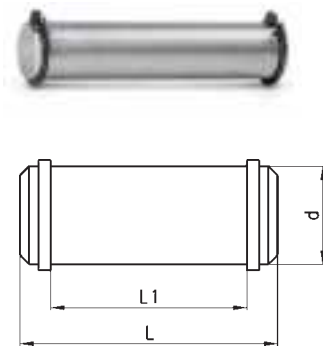
**DIMENSIONS**

Mod.	ø cyl.	S	L	L1	L2	L3	W	w	I1	I2	I3	D	D1	d	d1	d2	α°
<b>GY-32</b>	25-32	M10x1,25	74,5	35	6,5	18	17	11	39,5	19,5	15	15	19	10	14	32	30°
<b>GY-40</b>	40	M12x1,25	84	40	6,5	20	19	17	45	22	17	17,5	22	12	19	36	30°
<b>GY-50-63</b>	50-63	M16x1,5	112	50	8	27	22	19	64	27,5	23	22	27	16	22	47	22°
<b>GY-80-100</b>	80-100	M20x1,5	133	63	10	38	30	24	72,5	31,5	25	27,5	34	20	29	58	15°

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**Clevis Pin Mod. S...**

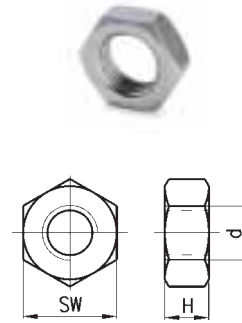
Material: stainless steel.

**DIMENSIONS**

Mod.	ø cyl.	d	L	L1
<b>S-32</b>	32	10	51	45
<b>S-40</b>	40	12	58	52
<b>S-50</b>	50	12	66	60
<b>S-63</b>	63	16	76	70
<b>S-80</b>	80	16	97	90
<b>S-100</b>	100	20	120	110
<b>S-125</b>	125	25	139	130

**Piston Rod Lock Nut Mod. U...**

Material: zinc-plated steel.

**DIMENSIONS**

Mod.	ø cyl.	d	H	SW
<b>U-25-32</b>	32	M10x1,25	6	17
<b>U-40</b>	40	M12x1,25	7	19
<b>U-50-63</b>	50-63	M16x1,5	8	24
<b>U-80-100</b>	80-100	M20x1,5	9	30
<b>U-41-125</b>	125	M27x2	12	41

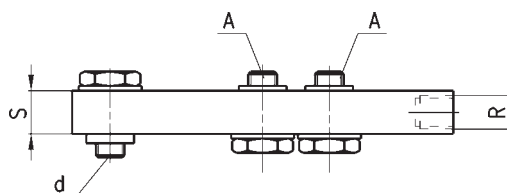
**Example of assembly**

The mounting subbase, Mod. PCV, enables the valve or solenoid valve to be mounted directly on the cylinder, thus forming a compact pneumatic operating unit which is easy to install. The subbase is fixed onto the cylinder using the screws, Mod. 1635 or the unidirectional flow controllers, Mod. SCU. The other end of the plate has a threaded port which allows the tube to be connected, by means of a fitting, to the other end-cap.

**Note:** the minimum possible stroke is 100mm.

**DIMENSIONS**

Mod.	A	R	S	d*
<b>PCV-32</b>	G1/8	G1/8	16	G1/8
<b>PCV-40-50</b>	G1/8	G1/4	16	G1/4
<b>PCV-63-80</b>	G1/4	G1/4	16	G3/8



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