PNEUMATIC SPECIFICATIONS

Operating pressure	1 - 10 bar
Fluid	clean air, with or without lubrication
Speed	10 ÷ 1000 mm/sec (without load)

EXAMPLE OF CODING SERIES 31

31M2A032A050N2

SERIES
31 = compact magnetic

MODIFICATIONS
M = male rod thread
F = female rod thread
R = non-rotating with flange

OPERATION
2 = double acting

MATERIALS
A = rolled stainless steel
rod tube profile aluminium

BORE in mm

CONSTRUCTION TYPE
A = standard
B = feet
C = rear trunnion, female
D = rear flange
E = front flange
I = swivel combination
L = rear trunnion, male
Z = 90° swivel combination
G = rod fork
GA = spherical rod fork
GY = flexible rod fork
U = clevis pin

TANDEM AND MULTI-POSITION

STROKE in mm (tandem)
stroke 1/ stroke 2 (multi-position)*

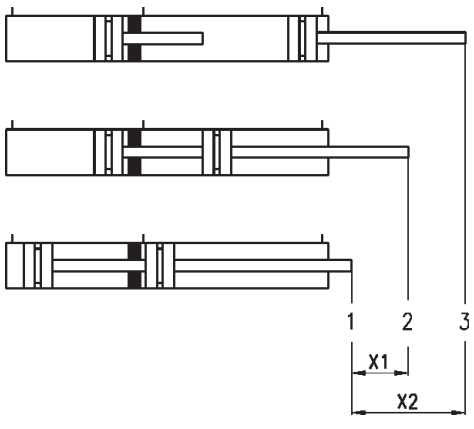
*insert strokes without the initial 0

STAGES (only for tandem)
2 = 2 stages
3 = 3 stages
4 = 4 stages

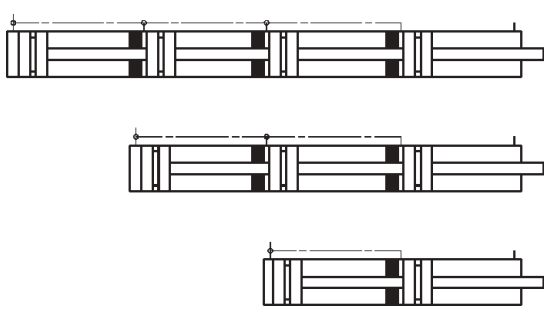
N.B.:the accessories are supplied separately.

APPLICATION SCHEMES

multi-position

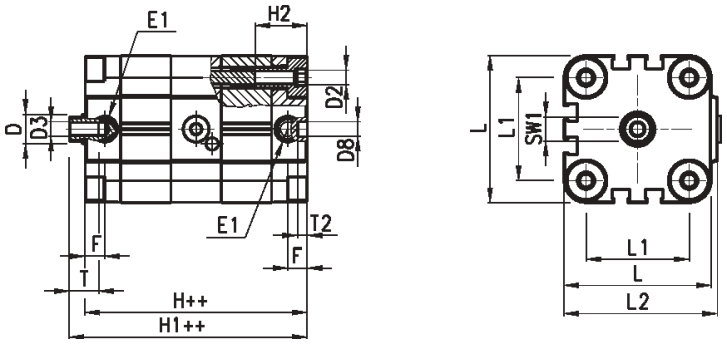


Tandem



Mod. 31F2A...XN (tandem)

+ = add the stroke
• = connection cylinders
ø12, 16, 20, 25
X = cylinders stroke

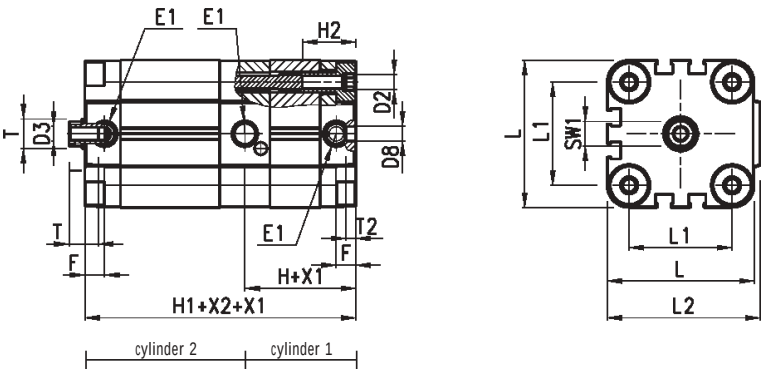


DIMENSIONS

øcyl.	øD	D2	D3	øD8 (H9)	E1	F	H	H1	H2	L	L1	L2	T	T2	SW1
12	6	M4	M3	6	M5	8	63,5	68	12,5	29	18	30	6	4	5
16	8	M4	M4	6	M5	8	63,5	68	12,5	29	18	30	8	4	7
20	10	M5	M5	6	M5	8	78	82,5	17	36	22	37,5	10	4	8
25	10	M5	M5	6	M5	8	78	83,5	17	40	26	41,5	10	4	8
32	12	M6	M6	6	G1/8	8	90,5	96,5	21,5	50	32	52	12	4	10
40	12	M6	M6	6	G1/8	8	90,5	97	21,5	60	42	62,5	12	4	10
50	16	M8	M8	6	G1/8	8	90,5	98	18	68	50	71	12	4	13
63	16	M10	M8	8	G1/8	8	100,5	108	26	87	62	91	12	4	13
80	20	M10	M10	8	G1/8	8,5	112	120	26,5	107	82	111	16	4	17
100	25	M10	M12	8	G1/4	10,5	135,5	145,5	26,5	128	103	133	20	4	22

Mod. 31F2A...X1/X2N (multi-position)

X1= stroke cylinder 1
X2= stroke cylinder 2



DIMENSIONS

øcyl.	øD	D2	D3	øD8 (H9)	E1	F	H	H1	H2	L	L1	L2	T	T2	SW1
12	6	M4	M3	6	M5	8	63,5	68	12,5	29	18	30	6	4	5
16	8	M4	M4	6	M5	8	63,5	68	12,5	29	18	30	8	4	7
20	10	M5	M5	6	M5	8	78	82,5	17	36	22	37,5	10	4	8
25	10	M5	M5	6	M5	8	78	83,5	17	40	26	41,5	10	4	8
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50	16	M8	M8	6	G1/8	8	90,5	98	18	68	50	71	12	4	13
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100	25	M10	M12	8	G1/4	10,5	135,5	145,5	26,5	128	103	133	20	4	22