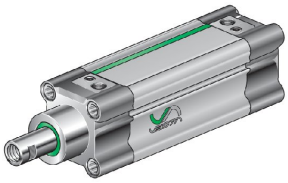
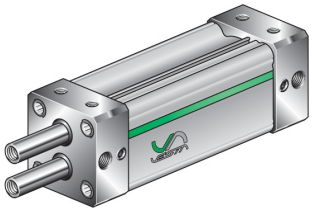
Partnership. With Guarantee.

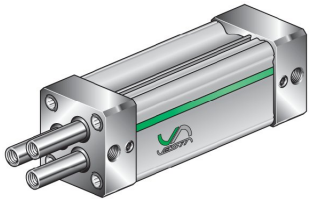
Profile magnetic cylinder with hollow piston rod Series AW1, AW5 and AW7



AW1-...-...



AW5-...-...



AW7-...-...

Design type	Profile magnetic cylinder with hollow piston rod with own pneumatic connection for actuating additional working elements on the piston rod - see application examples
Heads	High-pressure die casting Aluminium alloy
Piston rod	Chrome-plated and ground steel
Cylinder tube	Aluminium profile hard anodized
Seals	NBR and Polyurethane
End-of-stroke cushioning	pneumatic, adjustable
Ambient temperature	-10°C...+80°C
Medium temperature	0°C...+40°C
Lubrication	not necessary
Medium	filtered compressed air
maximum operating pressure	10bar
Note	CAD files are available in the STASTO Store at www.stasto.eu

Type code

AW	_		_ _ -	_ _ _
	1	Hollow telescopic piston rod	32 ø32	Stroke [mm]
	5	Double hollow telescopic piston rod	40 ø40	
	7	Triple hollow telescopic piston rod	50 ø50	
			63 ø63	

Standard strokes

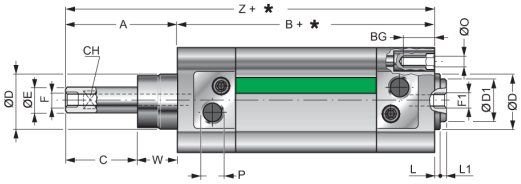
Ø	25	50	80	100	125	160	200	250	300	350	400	450	500
32	•	•	•	•	•	•	•	•	•	•	•	•	•
40	•	•	•	•	•	•	•	•	•	•	•	•	•
50	•	•	•	•	•	•	•	•	•	•	•	•	•
63	•	•	•	•	•	•	•	•	•	•	•	•	•

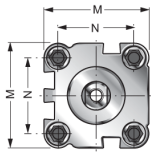
Special stroke on request

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austria@stasto.eu
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AW1 - ... - .... Hollow telescopic piston rod





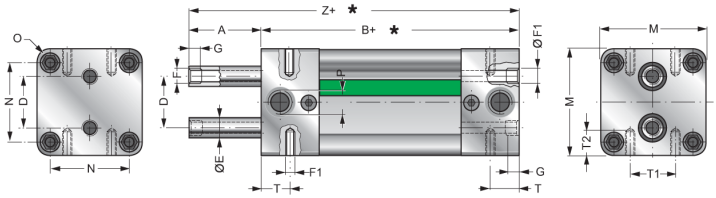


* = Stroke

Ø	A	B	BG	C	CH	ØD	ØD1	ØE	ØF	ØF1	G	L	L1	N	ØO	ØP	W	Z	Type
32	37	94	15	19	11	30	24	12	G1/8	G1/8	40	4	4	32,5	M6	G1/8	18	131	AW1-32-...
40	40	105	15	18,5	14	35	35	16	G1/4	G1/8	45	4	5	38	M6	G1/4	21,5	145	AW1-40-...
50	41	106	15	13	18	40	40	20	G3/8	G1/8	55	4	5	46,5	M8	G1/4	28	147	AW1-50-...

AW5 - ... - .... Double hollow telescopic piston rod



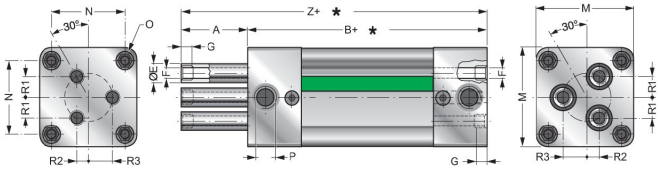


* = Stroke

Ø	A	B	D	ØE	ØF1	G	M	N	ØO	ØP	T	T1	T2	Z	Type
40	40	125	21	12	G1/8	8	55	38	M6	G1/4	17	21	10	165	AW5-40-...
50	40	136	28	16	G1/4	11	65	46,5	M8	G1/4	18	34	12	176	AW5-50-...
63	40	133	35	16	G1/4	11	80	56,5	M8	G3/8	18	33	14	173	AW5-63-...

AW7 - ... - .... Triple hollow telescopic piston rod



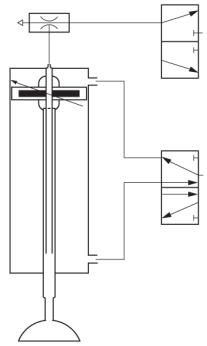


* = Stroke

Ø	A	B	ØE	ØF	G	M	N	ØO	ØP	R1	R2	R3	Z	Type
40	40	125	12	G1/8	8	55	38	M6	G1/4	9,3	5,4	10,8	165	AW7-40-...
50	40	136	12	G1/8	8	65	46,5	M8	G1/4	13,4	7,75	15,5	176	AW7-50-...
63	40	133	16	G1/4	11	80	56,5	M8	G3/8	15,2	8,75	17,5	173	AW7-63-...

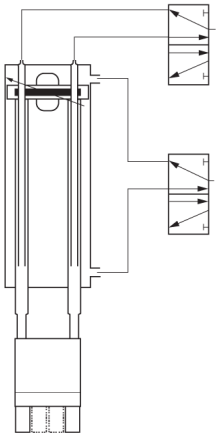
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Application examples



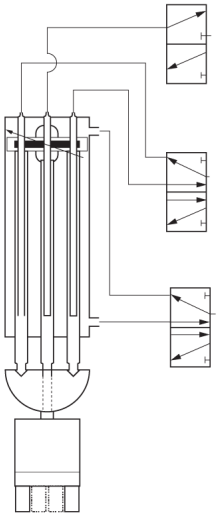
Valve for controlling the vacuum generator

Valve for controlling the double-acting cylinder



Valve for controlling the double-acting gripper

Valve for controlling the double-acting cylinder



Valve for controlling the single-acting gripper

Valve for controlling the double-acting rotary actuator

Valve for controlling the double-acting cylinder

Illustrations non-binding
Design, dimensional and material changes reserved

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