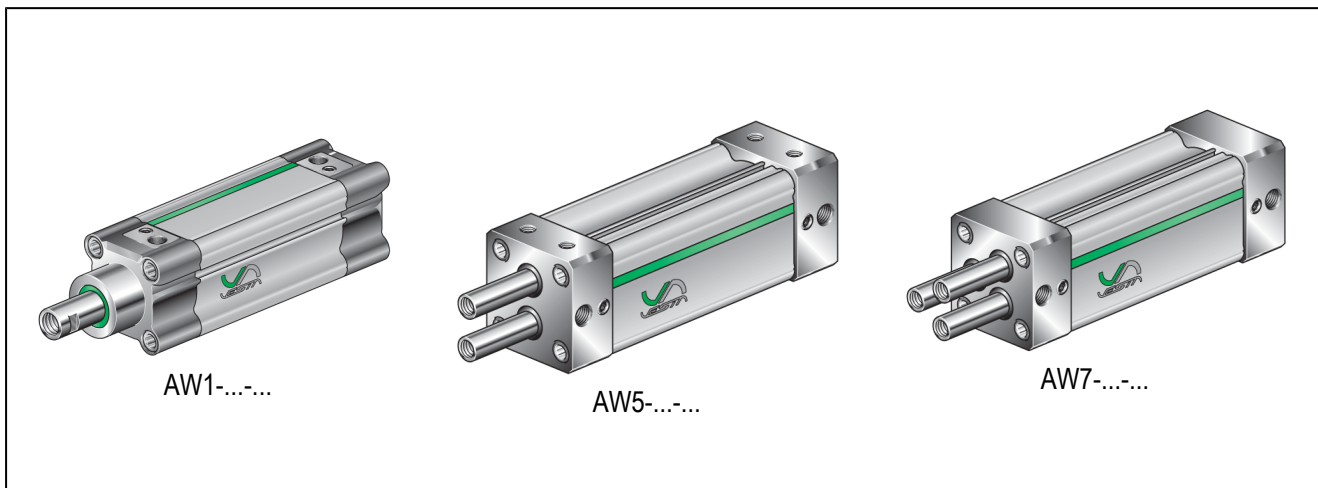


profile magnetic cylinder with hollow piston-rod series AW1, AW5 and AW7



design	profile magnetic cylinder with hollow piston-rod with pneumatic connection to operate further actuators on the piston-rod - example of employment
heads	high pressure diecasting aluminum alloy
piston-rod	chromium-plated and ground steel
cylinder tube	aluminum profile hard anodized
seals	NBR and polyurethane
cushion	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
information	CAD files are available on the STASTO Store under www.stasto.eu

type code

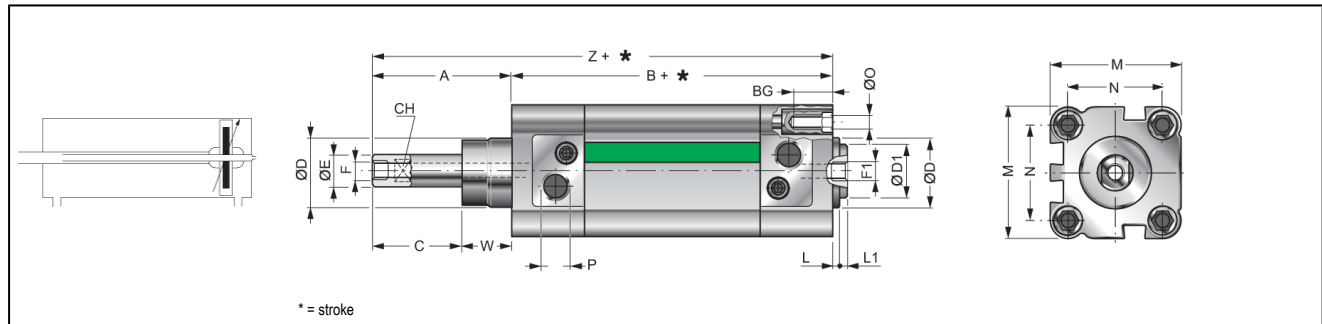
AW _ 1 hollow telescope piston rod 5 double hollow telescope piston rod 7 three-way hollow telescope piston rod	_ _ _ _ 32 ø32 40 ø40 50 ø50 63 ø63	- - - - stroke [mm]
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standard strokes

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

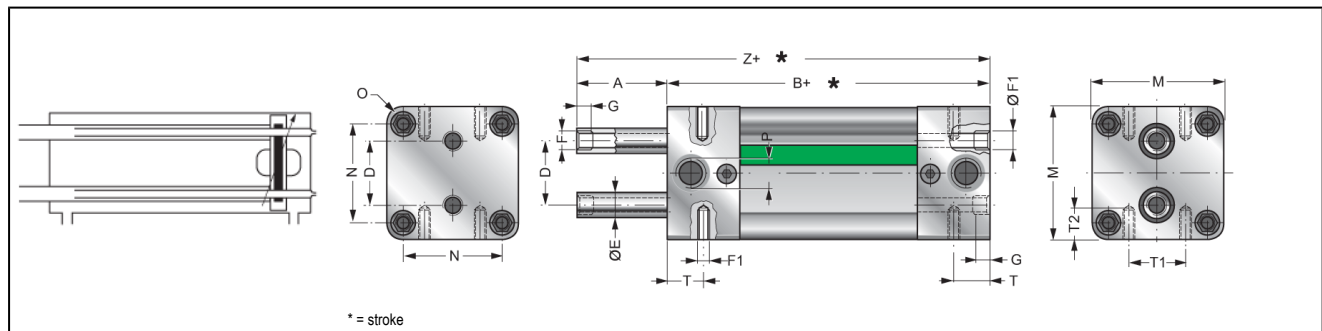
non-standard stroke on request

AW1 - ... - hollow telescope piston rod



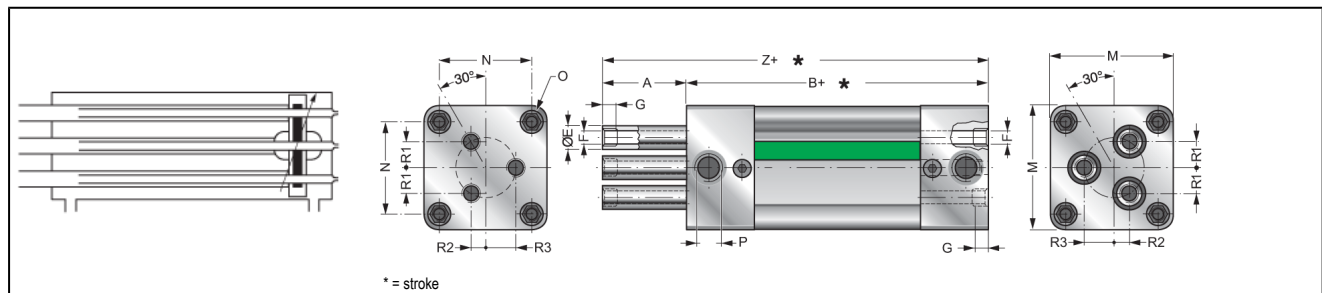
Ø	A	B	BG	C	CH	ØD	ØD1	ØE	ØF	ØF1	G	L	L1	N	ØO	ØP	W	Z	type
32	37	94	15	19	11	30	24	12	G1/8	G1/8	40	4	4	32,5	M6	G1/8	18	131	AW1-32-...
40	40	105	15	18,5	14	35	35	16	G1/4	G1/8	45	4	5	38	M6	G1/4	21,5	145	AW1-40-...
50	41	106	15	13	18	40	40	20	G3/8	G1/8	55	4	5	46,5	M8	G1/4	28	147	AW1-50-...

AW5 - ... - double hollow telescope piston rod



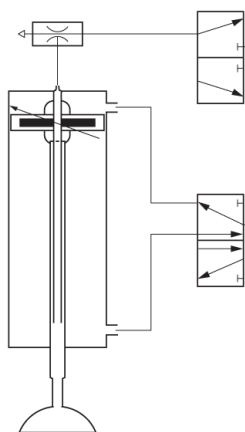
Ø	A	B	D	ØE	ØF1	G	M	N	ØO	ØP	T	T1	T2	Z	type
40	40	125	21	12	G1/8	8	55	38	M6	G1/4	17	21	10	165	AW5-40-...
50	40	136	28	16	G1/4	11	65	46,5	M8	G1/4	18	34	12	176	AW5-50-...
63	40	133	35	16	G1/4	11	80	56,5	M8	G3/8	18	33	14	173	AW5-63-...

AW7 - ... - three-way hollow telescope piston rod

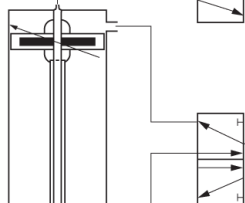


Ø	A	B	ØE	ØF	G	M	N	ØO	ØP	R1	R2	R3	Z	type
40	40	125	12	G1/8	8	55	38	M6	G1/4	9,3	5,4	10,8	165	AW7-40-...
50	40	136	12	G1/8	8	65	46,5	M8	G1/4	13,4	7,75	15,5	176	AW7-50-...
63	40	133	16	G1/4	11	80	56,5	M8	G3/8	15,2	8,75	17,5	173	AW7-63-...

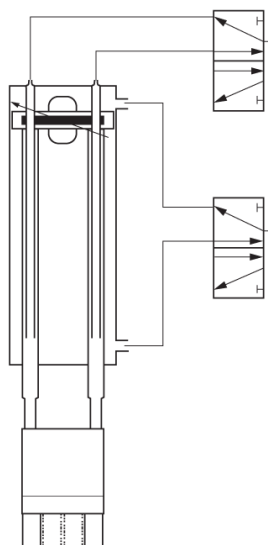
examples of use



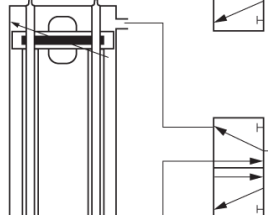
valve to operate vacuum generator



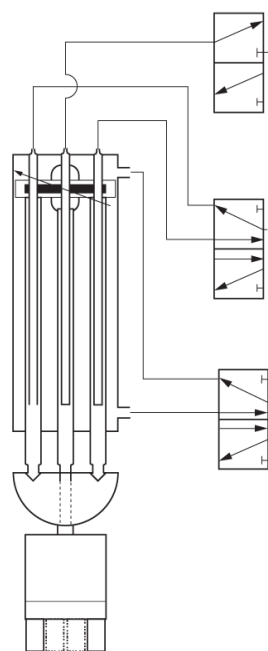
valve to operate double-acting cylinder



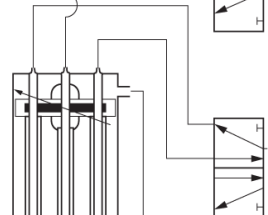
valve to operate double-acting gripper



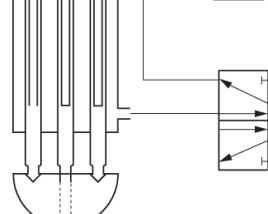
valve to operate double-acting cylinder



valve to operate single-acting gripper



valve to operate double-acting rotary unit



valve to operate double-acting cylinder

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice