

mini magnetic cylinder series DVM



design	mini magnetic cylinder according to ISO 6432
heads	anodized aluminum
piston-rod	stainless steel AISI 304 rolled
cylinder tube	anodized aluminum
seals	NBR
cushions	mechanical, cushion discs
ambient temperature	-10...+80°C
medium temperature	0...+40°C
lubrication	not necessary
medium	filtered compressed air
pressure range	1...10bar
special version	ATEX version available: II 3GD c T5 T 165° -5 < Ta < 50°C type XDVM ../..., XDVM ../...P
scope of supply	incl. round-neck nut and piston rod nut
information	technical documents for accessories: see separate datasheet CAD-files can be loaded on the STASTO Store under www.stasto.eu

type code

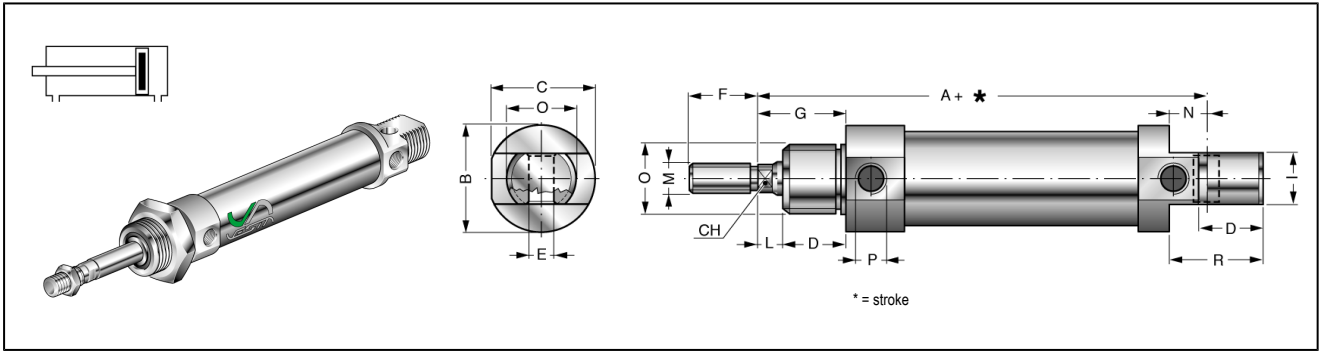
DVM	__ /	__ -	__ -	__
12	ø12	stroke [mm]		double acting
16	ø16			P through-rod
20	ø20			SEA single acting spring in front
25	ø25			SEP single acting spring in the back
				VS viton rod seal
				VV viton completely

standard strokes

Ø	10	25	50	80	100	125	160	200	250	300	350	400	450	500
12	•	•	•	•	•	•	•							
16	•	•	•	•	•	•	•	•	•	•				
20	•	•	•	•	•	•	•	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•	•	•	•	•	•	•	•

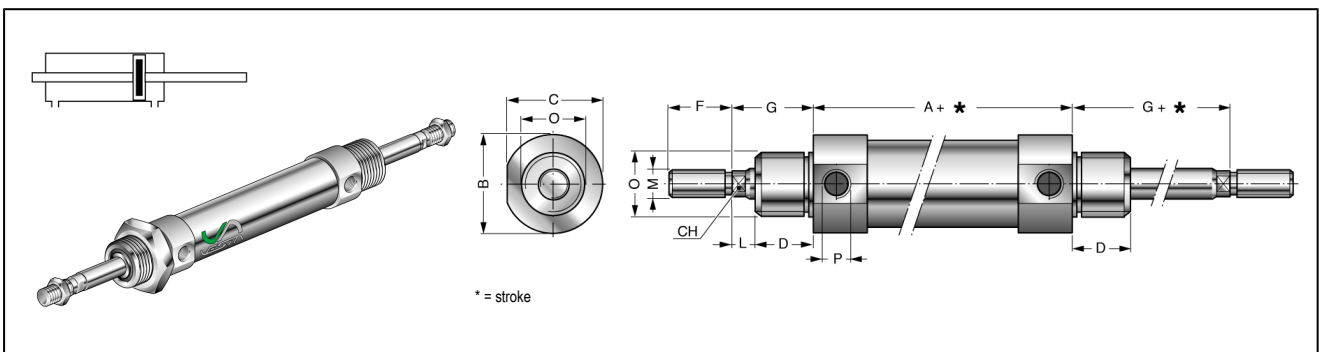
non-standard stroke on request

DVM .. - ... double acting



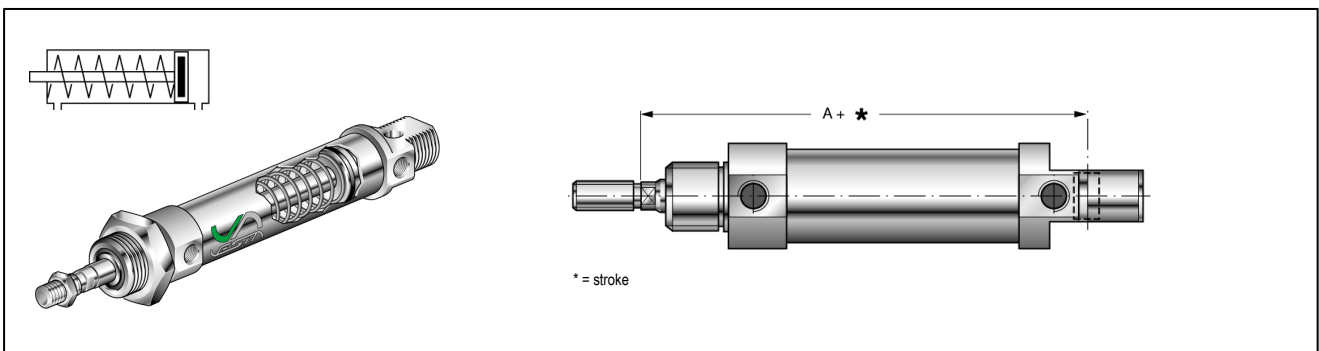
Ø	A	ØB	C	CH	D	ØE H9	F	G	I	L	ØM	N	ØO	ØP	R	type
12	75	18	17,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DVM12/...
16	82	22	21,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DVM16/...
20	95	28	26,2	7	19	8	20	24	16	5	M8x1,25	12	M22x1,5	G1/8	30	DVM20/...
25	104	32	32,5	8	20	8	22	28	16	8	M10x1,25	12	M22x1,5	G1/8	30	DVM25/...

DVM .. - ... P double acting, through-rod



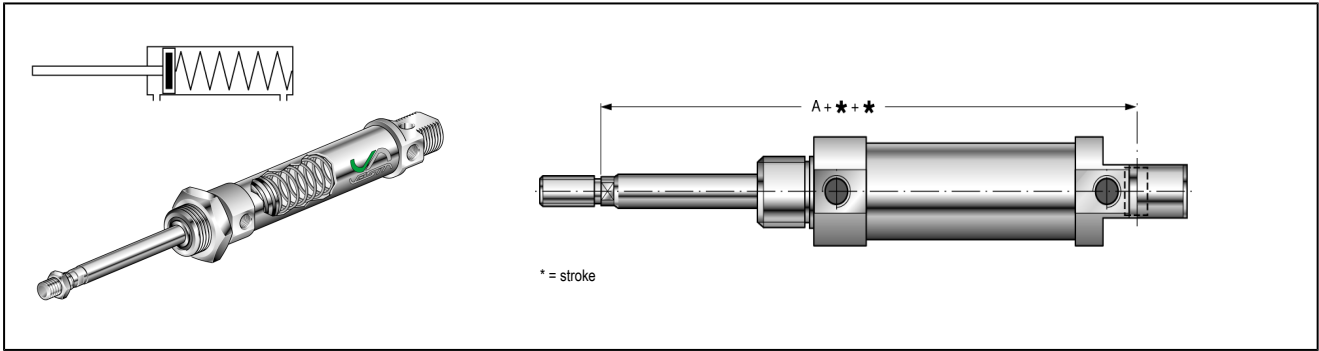
Ø	A	ØB	C	CH	D	F	G	L	ØM	ØO	ØP	type
12	49,5	18	17,2	5	15	16	22	7	M6x1	M16x1,5	M5	DVM12/...P
16	56	22	21,2	5	15	16	22	7	M6x1	M16x1,5	M5	DVM16/...P
20	68	28	26,2	7	19	20	24	5	M8x1,25	M22x1,5	G1/8	DVM20/...P
25	69	32	32,5	8	20	22	28	8	M10x1,25	M22x1,5	G1/8	DVM25/...P

DVM .. - ... SEA single acting, spring in front



Ø	A	springforce [daN]						type
		stroke 10mm		stroke 25mm		stroke 50mm		
		min.	max.	min.	max.	min.	max.	
12	75	2,1	2,4	1,6	2,4	0,35	2,4	DVM12/...SEA
16	82	2,2	2,5	1,6	2,5	0,5	2,5	DVM16/...SEA
20	95	2,3	2,6	1,7	2,6	1	2,6	DVM20/...SEA
25	104	2,3	2,6	1,7	2,6	1	2,6	DVM25/...SEA

DVM .. - ... SEP single acting, backside spring



Ø	A	springforce [daN]						type
		stroke 10mm		stroke 25mm		stroke 50mm		
		min.	max.	min.	max.	min.	max.	
12	75	2,1	2,4	1,6	2,4	0,35	2,4	DVM12/...SEP
16	82	2,2	2,5	1,6	2,5	0,5	2,5	DVM16/...SEP
20	95	2,3	2,6	1,7	2,6	1	2,6	DVM20/...SEP
25	104	2,3	2,6	1,7	2,6	1	2,6	DVM25/...SEP

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 all designs, configurations, measurements and materials are subject to change without prior notice