Mini solenoid cylinder Series DVM



Design type	Mini solenoid cylinder according to ISO 6432
Heads	anodized aluminum
Piston rod	Stainless steel 1.4301 knurled
Cylinder tube	anodized aluminum
Seals	NBR
End-position cushioning	mechanical, Cushioning 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 delivery	incl. Neck and piston rod nut
Note	Technical documentation for accessories see separate data sheet CAD files are available in the STASTO Store at www.stasto.eu

Type code

DVM	_ _ /	_ _ _ -	__ -	__
	12 ø12	Stroke [mm]		double-acting
	16 ø16		P	continuous piston rod
	20 ø20		SEA	single-acting spring front
	25 ø25		SEP	single-acting, spring at rear
				VS Viton Piston rod seal
				VV Viton complete

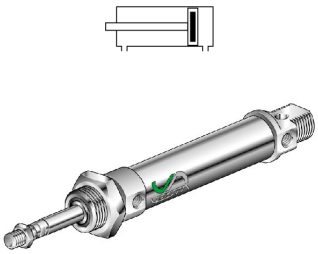
Standard strokes

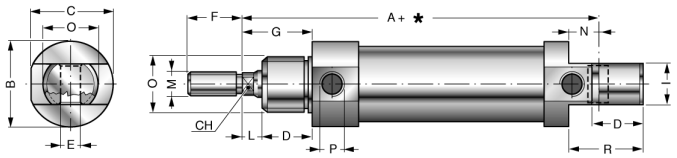
Ø	10	25	50	80	100	125	160	200	250	300	350	400	450	500
12	•	•	•	•	•	•	•							
16	•	•	•	•	•	•	•	•	•	•				
20	•	•	•	•	•	•	•	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Special stroke on request

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DVM .. - ... double-acting

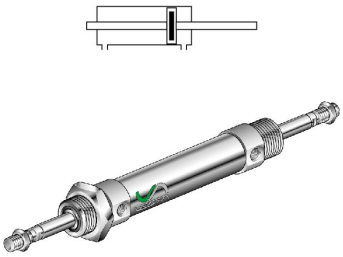


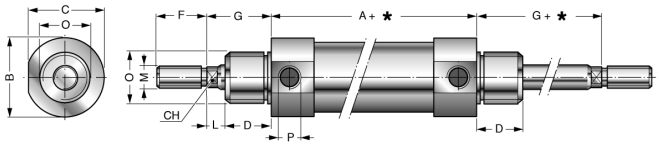


* = Stroke

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, continuous piston rod





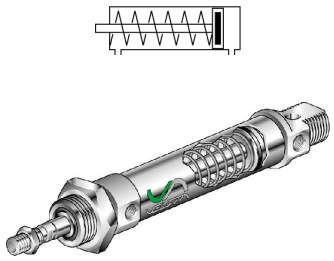
* = Stroke

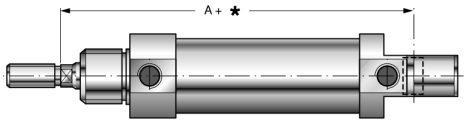
Ø	A	ØB	C	CH	D	F	G	L	ØM	ØO	ØP	Type
12	49,5	18	17,2	5	15	16	22	7	M6x1	M16x1,5	M5	DVM12/...P
16	56	22	21,2	5	15	16	22	7	M6x1	M16x1,5	M5	DVM16/...P
20	68	28	26,2	7	19	20	24	5	M8x1,25	M22x1,5	G1/8	DVM20/...P
25	69	32	32,5	8	20	22	28	8	M10x1,25	M22x1,5	G1/8	DVM25/...P

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DVM .. - ... SEA single-acting, Spring front

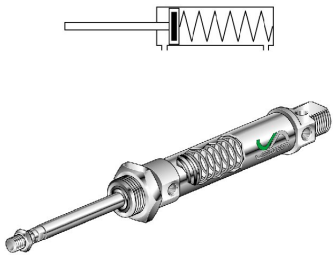


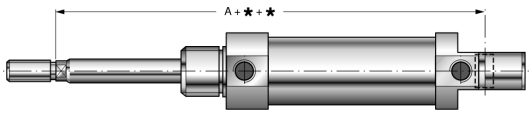


* = Stroke

Ø	A	Spring force [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, Spring rear





* = Stroke

Ø	A	Spring force [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

Illustrations non-binding
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