Mini solenoid cylinder Series PC52



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	-20...+80°C
Medium temperature	0...+40°C
Pressure range	1...10bar (single-acting 2...10bar)
Medium	filtered compressed air
Lubrication	not necessary
Scope of delivery	incl. Neck and piston rod nut
Special version	ATEX version available: II 3GD c T5 T 165° -5 < Ta < 50°C Type XDVM ../..., XDVM ../...P
Note	Technical documentation for accessories see separate data sheet CAD files are available in the STASTO Store at www.stasto.eu

Type code

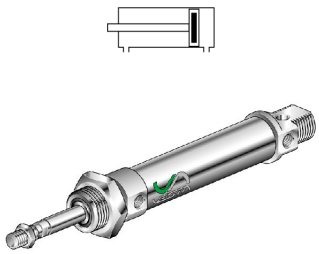
		PC 52	- 12	- 25	- VV	- 01
Type	Mini solenoid cylinder, double-acting	52				
	Mini solenoid cylinder, single-acting spring front	F				
	Mini solenoid cylinder, single-acting, spring at rear	R				
Diameter [mm]	12		12			
	16		16			
	20		20			
	25		25			
Stroke [mm]	see table Standard strokes			25		
Special version	continuous piston rod, only for version double-acting				P	
	Piston rod seal FKM				VS	
	FKM seals				VV	
Special version	described in item text					01,02,...

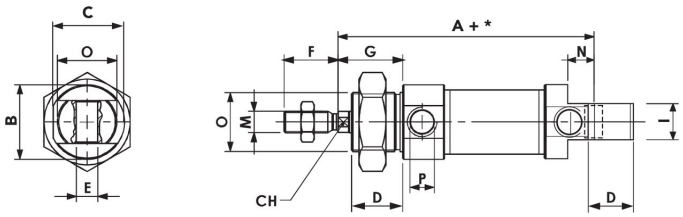
+43 512 52076
austria@stasto.eu
© STASTO Automation KG

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														

PC52 - ... - ... double-acting

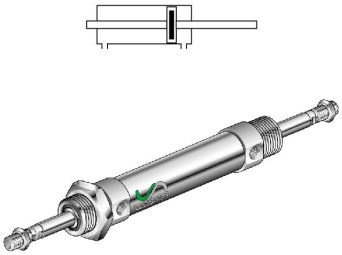


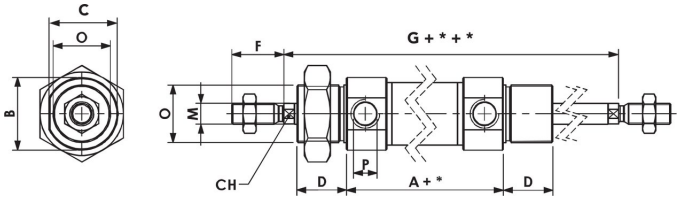


* = Stroke

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	PC52-12-...
16	82	22	21,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	PC52-16-...
20	95	28	26,2	7	19	8	20	24	16	5	M8x1,25	12	M22x1,5	G1/8	30	PC52-20-...
25	104	32	32,5	8	20	8	22	28	16	8	M10x1,25	12	M22x1,5	G1/8	30	PC52-25-...

PC52 - ... - ... - P double-acting, continuous piston rod





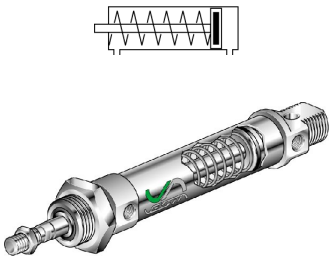
* = Stroke

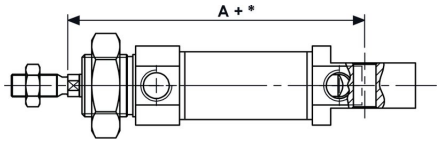
Ø	A	ØB	C	CH	D	F	G	L	ØM	ØO	ØP	Type
12	49,5	18	17,2	5	15	16	22	7	M6x1	M16x1,5	M5	PC52-12-...-P
16	56	22	21,2	5	15	16	22	7	M6x1	M16x1,5	M5	PC52-16-...-P
20	68	28	26,2	7	19	20	24	5	M8x1,25	M22x1,5	G1/8	PC52-20-...-P
25	69	32	32,5	8	20	22	28	8	M10x1,25	M22x1,5	G1/8	PC52-25-...-P

+43 512 52076
austria@stasto.eu

© STASTO Automation KG

PC52F - ... - ... single-acting, Spring front

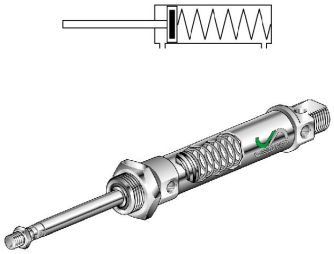


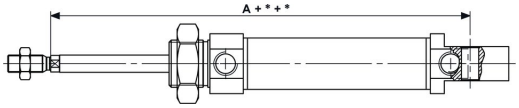


* = Stroke

Ø	A	Spring force [daN]						Type
		Stroke 10mm		Stroke 25mm		Stroke 50mm		
		min.	max.	min.	max.	min.	max.	
12	75	2,5	3,0	2,0	3,0	0,5	3,0	PC52F-12-...
16	82	2,5	3,0	2,0	3,0	0,7	3,0	PC52F-16-...
20	95	2,5	3,2	2,0	3,2	1,5	3,2	PC52F-20-...
25	104	2,5	3,2	2,0	3,2	1,5	3,2	PC52F-25-...

PC52R - ... - ... single-acting, Spring rear





* = Stroke

Ø	A	Spring force [daN]						Type
		Stroke 10mm		Stroke 25mm		Stroke 50mm		
		min.	max.	min.	max.	min.	max.	
16	111	2,5	3,5	2,0	3,5	1,0	3,5	PC52R-16-...
20	127	2,5	3,5	2,0	3,5	1,5	3,5	PC52R-20-...
25	136	2,5	3,5	2,0	3,5	1,5	3,5	PC52R-25-...

Illustrations non-binding
Design, dimensional and material changes reserved

+43 512 52076
austria@stasto.eu
© STASTO Automation KG