Partnership. With Guarantee.

Pneumatic slide unit
Series PS

Design type	Pneumatic slide unit, with high-precision ball bearing. The standard stroke can be adjusted using the stop bolts or shock absorbers according to the dimension table
End-of-stroke cushioning	optional with stop pin or shock absorbers (self-compensating)
Stroke adjustment	with spacer bolts +0,9...-4mm, with shock absorbers +0,6...-10mm (on one side)
Anti-rotation device	Tolerance at stroke 0 mm ± 0,02°
Speed	with stop pin 30...100 mm/s, with shock absorbers 30...300 mm/s
Maximum load	3kg
Ambient temperature	0°C...+80°C
Medium temperature	0°C...+40°C
Lubrication	not necessary
Medium	filtered compressed air
Operating pressure	2...9bar
Note	CAD files are available in the STASTO Store at www.stasto.eu

Type code

PS	_	_ _ -	_ _ _ -	_	_
	BM Mounting on body	16 ø16	Stroke [mm]	A 2 Stop pin	D without Magnetic switch
	PM Mounting on end plates	25 ø25		B 1 Shock absorber, 1 Stop pin	
				C 2 Shock absorber	

Strokes

Ø	25	50	75	100	125	150	175	200
16	•	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•	•

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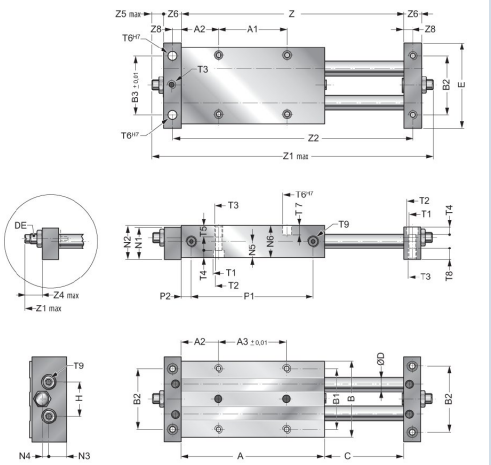
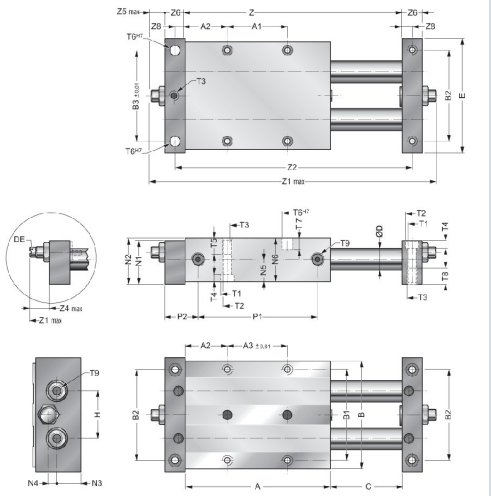
PS - .. - 16 - ... - .. Dimensional drawing ø16



Stroke	A	A1	A2	A3	C	P1	Z	Z1		Z2
								Stop buffer	Shock absorber	
25	69	20	24,5	20	27	50	96	132	156	106
50	94	45	24,5	45	52	75	146	182	206	156
75	119	65	27	65	77	100	196	232	256	206
100	144	90	27	90	102	125	246	282	306	256
125	169	90	39,5	90	127	150	296	332	356	306
150	194	90	52	90	152	175	346	382	406	356
175	219	90	64,5	90	177	200	396	432	456	406
200	244	90	77	90	202	225	446	482	506	456

Ø	B	B1	B2	B3	ØD	E	H	N1	N2	N3	N4	N5	N6	P2	ØT1	ØT2	ØT3	T4	T5	ØT6	T7	T8	ØT9	Z4	Z5	Z6	Z8
16	50	41	40	40	10	55	19,5	21	22	11,5	4,5	10,5	21	9,5	4,2	7,2	M5	4	6	5	4,5	9	M5	20	8	10	5

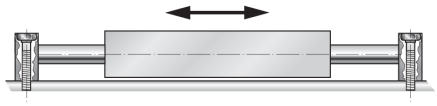
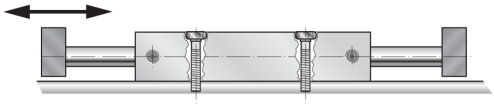
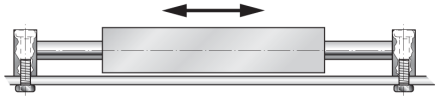
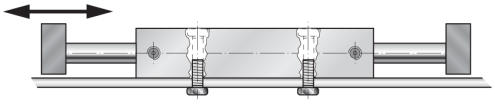
PS - .. - 25 - ... - .. Dimensional drawing ø25



Stroke	A	A1	A2	A3	C	P1	Z	Z1		Z2
								Stop buffer	Shock absorber	
25	82	25	28,5	25	27	63	109	165	189	125
50	107	45	31	45	52	88	159	215	239	175
75	132	65	33,5	65	77	113	209	265	289	225
100	157	90	33,5	90	102	138	259	315	339	275
125	182	90	46	90	127	163	309	365	389	325
150	207	90	58,5	90	152	188	359	415	439	375
175	232	90	71	90	177	213	409	465	489	425
200	257	90	83,5	90	202	238	459	515	539	475

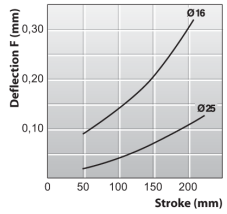
Ø	B	B1	B2	B3	ØD	E	H	N1	N2	N3	N4	N5	N6	P2	ØT1	ØT2	ØT3	T4	T5	ØT6	T7	T8	ØT9	Z4	Z5	Z6	Z8
25	79	67	67	67	16	84	35	32	34	18	5	16	32	9,5	5,2	8,7	M6	5,5	12	6	8	12	G1/8	25	13	15	8

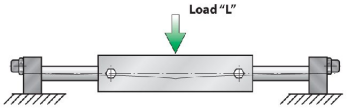
Mounting options

Type PS-PM .. (Mounting on end plates)	Type PS-BM .. (Mounting on body)
	
from above	from above
	
from below	from below

Piston rod deflection

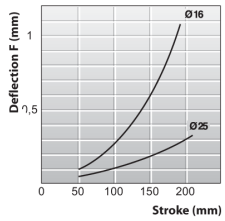
Mounting on end plates

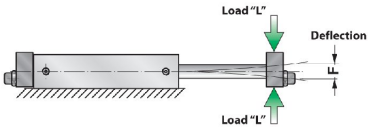




Ø	Weight L [kg]
16	2
25	5

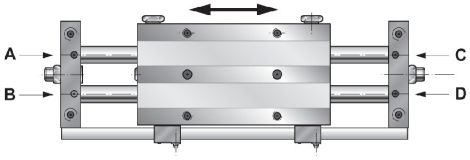
Mounting on body



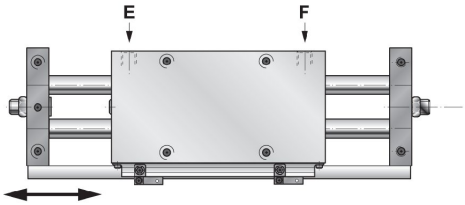


Ø	Weight L [kg]
16	0,5
25	1,2

Connections

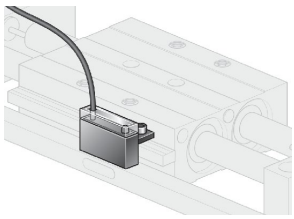


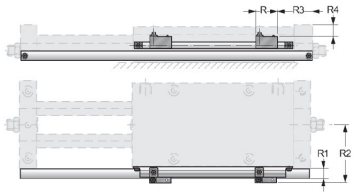
A ... right, B ... left
C ... right, D ... left



E ... right, F ... left

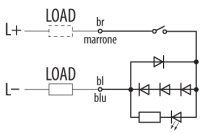
FIV306V Solenoid switch

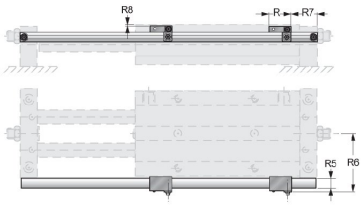




Mounting on body

Ø	R	R1	R2	R3	R4	R5	R6	R7	R8
16	22	8	39	21	1	5	40	8	1,5
25	22	8	53	33	11	5	54	10	2,5



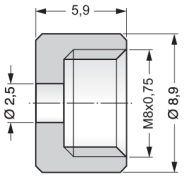


Mounting on End plates

Voltage [V]	Current [mA]	Power [VA/W]	Degree of protection	Operating temperature [°C]	Type
10 -220 AC/DC	200	15/10	IP65	-25...+75	FIV306V

GH-DEC 16 Fuse

Type GH-DEC16



Illustrations non-binding
Design, dimensional and material changes reserved

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