Partnership. With Guarantee.

Tie-rod solenoid cylinder
for aggressive environments VDMA - ISO 15552
Series XJSS



Design type	Tie-rod solenoid cylinder according to VDMA - ISO 15552
Heads	Stainless steel X5 Cr Ni 18-10
Piston rod	Stainless steel X5 Cr Ni 18-10
Tie rods	Stainless steel X10 Cr Ni S 18-09
Cylinder tube	Stainless steel X5 Cr Ni 18-10
Nuts	Stainless steel X10 Cr Ni S 18-09
Seals	Rod seal FKM, Residual PU
End-of-stroke cushioning	pneumatic, adjustable
Ambient temperature	-10...+70°C
Medium temperature	0...+40°C
Lubrication	not necessary
Medium	filtered compressed air
maximum operating pressure	10bar
Scope of delivery	incl. 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

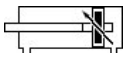
XJSS	_ _ -	_ _ _ -	__ -	__
	32 ø32	Stroke [mm]		_ double-acting
	40 ø40		P rod	continuous piston
	50 ø50			VV Viton complete
	63 ø63			
	80 ø80			
	100 ø100			

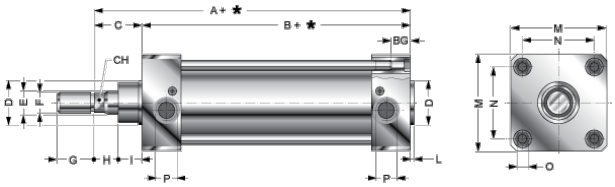
+43 512 52076
austria@stasto.eu
© STASTO Automation KG

Standard strokes, Cushioning length

Ø	25	50	80	100	125	160	200	250	300	350	400	450	500	600	Cushioning length
32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	24
40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	27
50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	30
63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	30
80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	36
100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	38
Special stroke on request															

XJSS ../... double-acting



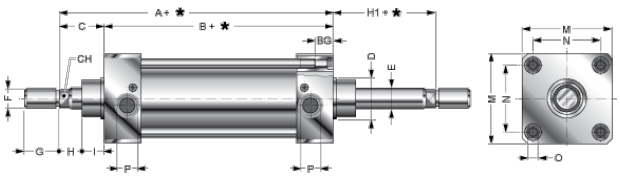


* = Stroke

Ø	A	B	C	D	E	F	G	H	I	L	M	N	O	P	BG	CH	Type
32	120	94	26	30	12	M10x1,25	20	7	19	4	47	32,5	M6	G 1/8	15	10	XJSS32/...
40	135	105	30	35	16	M12x1,25	24	8	22	4	54	38	M6	G 1/4	15	13	XJSS40/...
50	143	106	37	40	20	M16x1,5	32	14	23	2	66	46,5	M8	G 1/4	15	17	XJSS50/...
63	158	121	37	45	20	M16x1,5	32	13	24	4	78	56,5	M8	G 3/8	15	17	XJSS63/...
80	174	128	46	45	25	M20x1,5	40	20	26	2	98	72	M10	G 3/8	18	21	XJSS80/...
100	189	138	51	55	25	M20x1,5	40	25	26	2	110	89	M10	G 1/2	18	25	XJSS100/...

XJSS ../... P double-acting, continuous piston rod





* = Stroke

Ø	A	B	C	D	E	F	G	H	H1	I	M	N	O	P	BG	CH	Type
32	120	94	26	30	12	M10x1,25	20	7	26	19	45	32,5	M6	G 1/8	16	10	XJSS32/...P
40	135	105	30	35	16	M12x1,25	24	8	30	22	54	38	M6	G 1/4	16	13	XJSS40/...P
50	143	106	37	40	20	M16x1,5	32	14	37	23	64	46,5	M8	G 1/4	16	17	XJSS50/...P
63	158	121	37	45	20	M16x1,5	32	13	37	24	75	56,5	M8	G 3/8	16	17	XJSS63/...P
80	174	128	46	45	25	M20x1,5	40	20	46	26	93	72	M10	G 3/8	18	21	XJSS80/...P
100	189	138	51	55	25	M20x1,5	40	25	51	26	110	89	M10	G 1/2	18	25	XJSS100/...P

Illustrations non-binding
Design, dimensional and material changes reserved

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