

AIR CYLINDER

Series A67, A68

Cat No A67, A68 - 01 - 01 - B

Single Acting Cylinder (Compact ISO Type) Front Spring (Ø25 to 100 mm)

As per ISO 21287 standards

Features

- ☐ Elastomer end cushioning
- ☐ Wide varieties of mountings
- ☐ Space saving
- ☐ Magnetic and Non magnetic version
- ☐ Aluminium profile (square) cylinder barrel
- ☐ Magnetic sensor common for all sizes (Refer magnetic sensor catalogue)



Technical Specifications

Cylinder bore Ø	(mm)	25	32	40	50	63	80	100
Standard strokes *	(mm)	5, 20	5, 25	10, 25				
Medium		Compressed air - Filtered - Lubricated						
Working pressure	(bar)	1.5 to 10	2 to 10					
Ambient temperature	(C)	-10° to +60°						
Medium temperature	(C)	+5° to +50°						
Materials of construction		Aluminium, Nitrile, Steel, Polyurethane						
Mountings @		Basic cylinder, Foot mounting, Front flange, Rear flange, Male clevis, Female Clevis						
Accessories #		Clevis foot bracket, Wall mounting bracket, Rod end fork, Rod end aligner, Rod end spherical						

* For Non standard or longer stroke cylinders, contact your regional dealer or **JANATICS**

@ Ø25mm Female clevis not available

Ø25mm Clevis foot bracket and Wall mounting bracket not available

Note: Mountings and Accessories refer A63, A64 series

Output force in N (1N = 0.1 kgf)

Cylinder bore Ø (in mm)	Rod Ø (in mm)		Working pressure in bar								
			2	3	4	5	6	7	8	9	10
25	10	Extend	61	105	149	193	237	281	325	369	413
32	12	Extend	95	167	239	312	384	457	529	601	674
40	12	Extend	176	289	402	515	628	742	855	968	1080
50	16	Extend	284	461	638	814	991	1168	1344	1521	1698
63	16	Extend	444	725	1005	1286	1566	1847	2127	2408	2688
80	20	Extend	797	1249	1701	2154	2605	3059	3511	3963	4416
100	20	Extend	1232	1938	2645	3352	4059	4766	5473	6180	6886

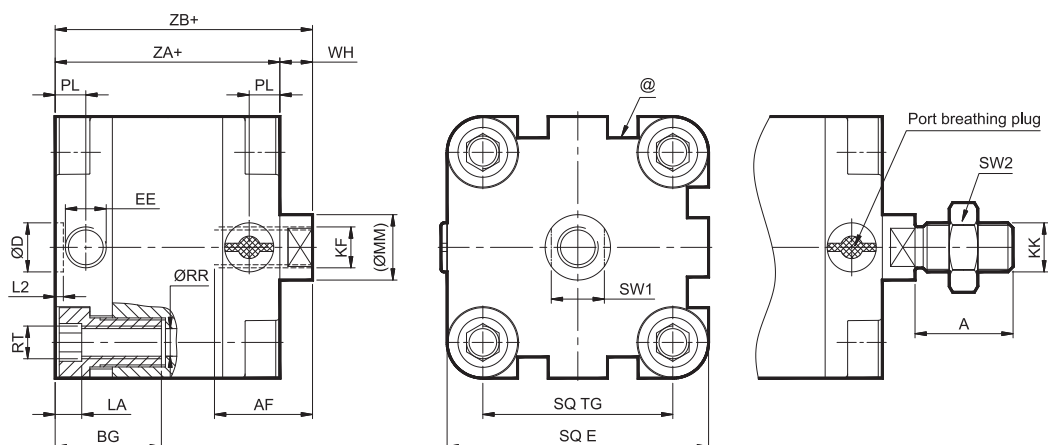
Note: Magnetic sensor details, refer enclosure Series AM4, Series AM42 (Page no. 1a.1.1 & 1a.2.1 in Pneumatic Actuators catalogue)

AIR CYLINDER

Series A67, A68

Cat No A67, A68 - 01 - 01 - B

Basic cylinder - Ø25 to 100 mm



+ Add stroke

Cylinder bore Ø	KF	MM	AF	RR min	RT	SW1	PL	LA	BG min	EE	TG	E max	D H10	L2	ZA	Tol	ZB	Tol	WH	Tol	KK	A -0.5	SW2	Stroke tol
25	M6x1	10	10	4.1	M5	9	6	6	5	M5x0.8	26	40	9	2	39	±0.5	45	±1.4	6	±1.4	M8x1.25	16	13	+2 0
32	M8x1.25	12	12	5.1	M6	10	7.5	5.5	15	G1/8	32.5	45	10	2	44	±0.5	51	± 1.6	7	±1.6	M10x1.25	19	17	
40	M8x1.25	12	12	5.1	M6	10	7.5	5.5	15	G1/8	38	51	10	2	45	±0.7	52		7		M10x1.25	19	17	
50	M10x1.5	16	16	6.4	M8	13	7.5	5.5	16	G1/8	46.5	64	12	2	45	±0.7	53		8		M12x1.25	22	19	
63	M10x1.5	16	16	6.4	M8	13	7.5	5.5	16	G1/8	56.5	74	12	2	49	±0.8	57	± 2	8	±2	M12x1.25	22	19	+2.5 0
80	M12x1.75	20	20	8.4	M10	17	8	5.5	17	G1/8	72	94	12	2	54	±0.8	64		10		M16x1.5	28	24	
100	M12x1.75	20	20	8.4	M10	17	12.5	5.5	17	G1/8	89	111	12	3	67	±1	77		10		M16x1.5	28	24	

How to order

A		68		040		010		O	
Model		Cylinder bore (mm)		Stroke (mm)		Mountings			
68	Standard cylinder	025	- Ø 25	005	- 5	O - Basic			
67	Magnetic cylinder	032	- Ø 32	020	- 20				
		040	- Ø 40	005	- 5				
		050	- Ø 50	025	- 25				
		063	- Ø 63	010	- 10				
		080	- Ø 80		- 25				
		100	- Ø 100						

Ordering Example:

Ordering no. for standard cylinder with 40 dia bore, 10 mm stroke: **A68 040 010 O**

For your special requirements of cylinders or for further informations contact your regional dealer or **JANATICS**