

## CA1 Series Standard Cylinder:



### 1. Ordering Code:

CA1B	-	40	x	100
↑		↑		↑
<b>Model</b>		<b>Bore</b>		<b>Stroke</b>
CA1B: Normal type		40mm		25~750mm
CDA1B: with magnet in		50mm		
		63mm		
		80mm		
		100mm		

### 2. Characteristics:

- 1) Pulling level enhance the strength of the cylinder
- 2) There is an adjustable buffers at the terminals of the cylinder except for mounted cushion.
- 3) With magnet ring inside the cylinder.
- 4) Different thread type can be offered according to customers' requirements, e.g.:BSP, NPT etc.
- 5) Needn't lubricate on piston rod by oil

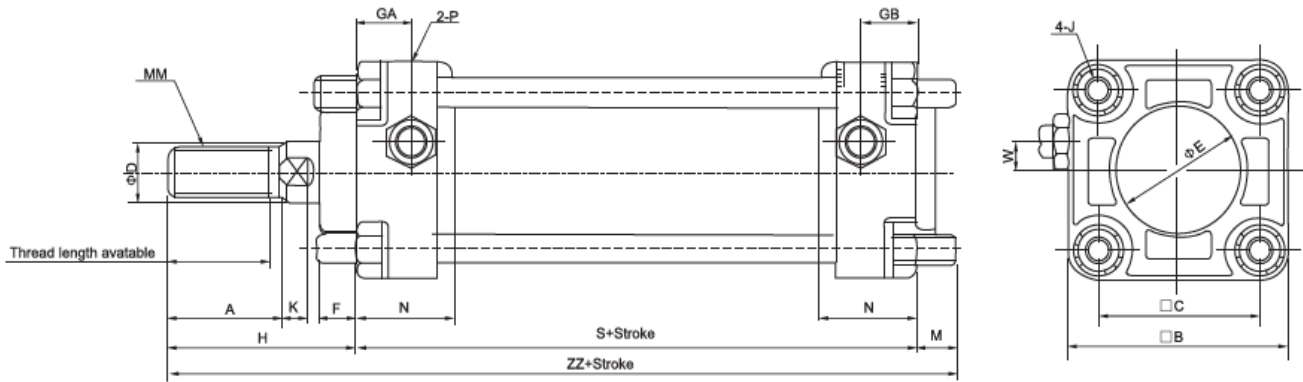
### 3. Specification:

Bore (mm)	40	50	63	80	100
<b>Action</b>	Double Action				
<b>Applicable medium</b>	Filered Air				
<b>Pressure range</b>	0.1~1.0 MPa				
<b>Proof pressure</b>	1.5 MPa				
<b>Temperature range</b>	5°C~60°C				
<b>Speed range</b>	50~500 mm/s				
<b>Cushion style</b>	Adjustable Air Buffer				
<b>Stroke tolerance</b>	0~250 <sup>+10</sup> , 251~1000 <sup>+14</sup> , 1001~1500 <sup>+18</sup>				
<b>Port size</b>	G1/4	G3/8		G1/2	

### 4. Stroke:

Bore (mm)	Standard Stroke
40	25,50,75,100,125,150,175,200,250,300,350,400,450,500
50	25,50,75,100,125,150,175,200,250,300,350,400,450,500,600
63	25,50,75,100,125,150,175,200,250,300,350,400,450,500,600
80	25,50,75,100,125,150,175,200,250,300,350,400,450,500,600,700,750
100	25,50,75,100,125,150,175,200,250,300,350,400,450,500,600,700,750

## 5. Overall and Dimension Sheet:



Diameter	Stroke range	Thread length available	A	□B	□C	φD	φE	F	GA	GB	J	K	M	MM	N	P	S	W	H	ZZ
40	~500	27	30	60	44	16	32	10	15	15	M8×1.25	6	11	M14×1.5	27	1/4	84	8	51	146
50	~600	32	35	70	52	20	40	10	17	17	M8×1.25	7	11	M18×1.5	30	3/8	90	0	58	159
63	~600	32	35	85	64	20	40	10	17	17	M10×1.25	7	14	M18×1.5	31	3/8	98	0	58	170
80	~750	37	40	102	78	25	52	14	21	21	M12×1.75	11	17	M22×1.5	37	1/2	116	0	71	204
100	~750	37	40	116	92	30	52	14	21	21	M12×1.75	11	17	M26×1.5	40	1/2	126	0	72	215