

## Aluminum Mini Cylinder

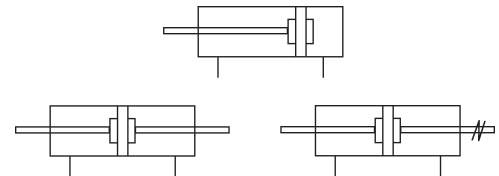
### Character:

- Adopt imported aluminum alloy tube, light, precise, friction & corrosion durable.
- Use imported non-lubrication oil seal, fits for high speed movement.
- Has aluminum alloy covers, CNC machined, surface anodized, better anti-corrosion.
- Has non-lubrication bearing, no maintenance for long time working with long life than usual one.
- Magnet in piston, whole series can be attached with sensor switch

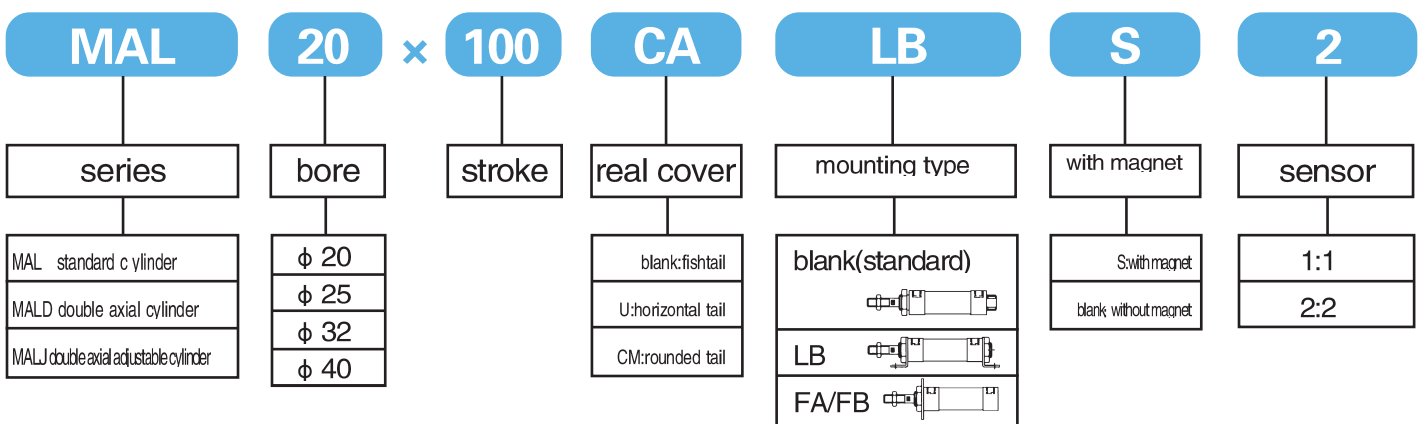


### Specification:

Mode	20	25	32	40
Acting type	Double acting			
Series	MAL, MALD, MALJ			
Fluit	air			
Operating pressure(Mpa)	0.1~1			
Operating speed(mm/sec)	50~500			
Ambient temperature(°C)	-10~70°C			
Oil	provided or not			
Port size	1/8"		1/4"	



### How to order:



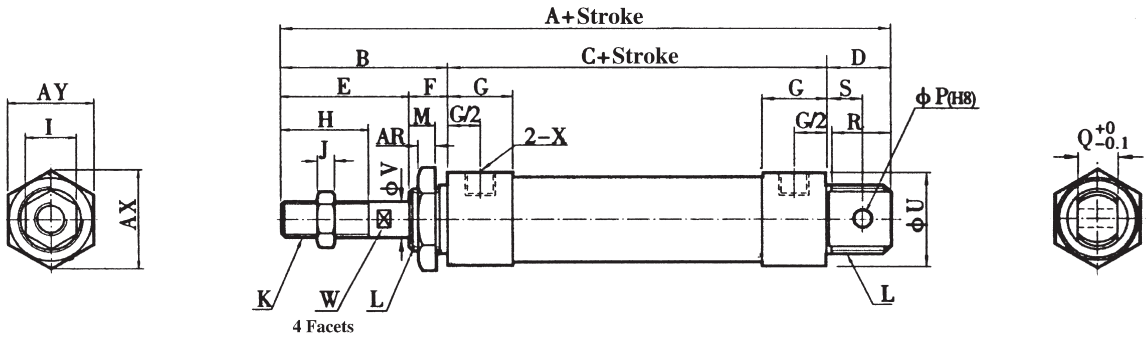
### Stroke:

bore \ stroke	25	50	75	100	125	150	175	200	250	300	350	400	450	500	Max.stroke
20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	500
25	●	●	●	●	●	●	●	●	●	●	●	●	●	●	800
32	●	●	●	●	●	●	●	●	●	●	●	●	●	●	800
40	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1200

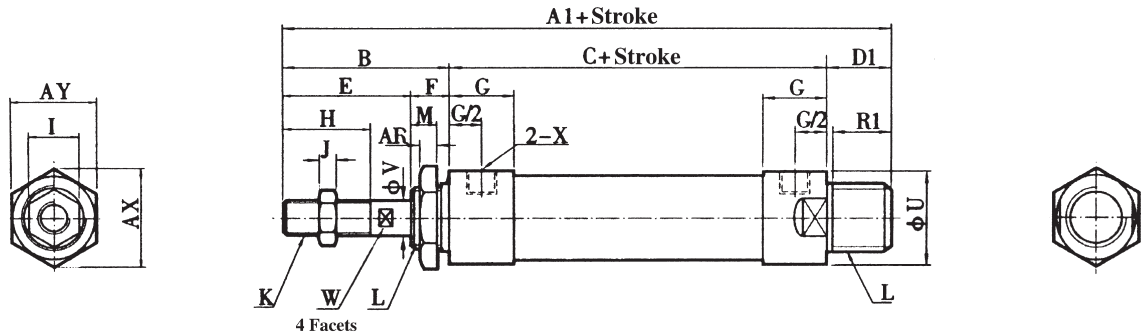
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## Dimension:

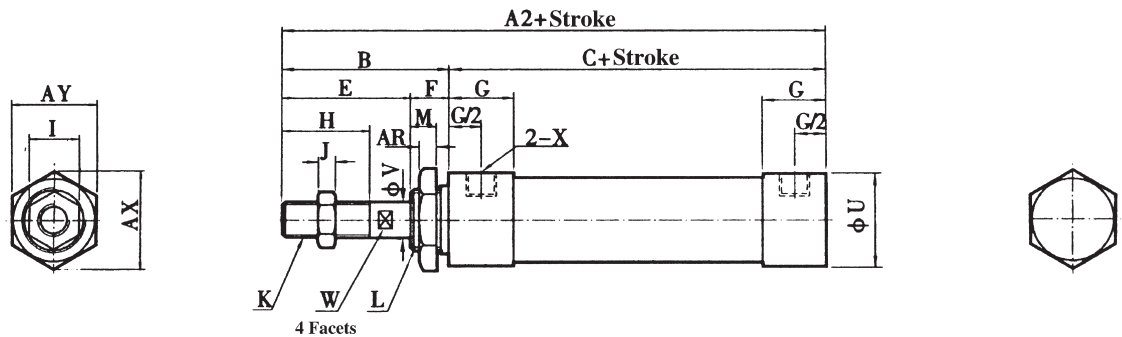
**Fishtail**



**Rounded**



**Horizontal**



symbol/bore	A	A1	A2	B	C	D	D1	E	F	G	H	I	J	K
20	131	122	110	40	70	21	12	28	12	16	20	12	6	M8 × 1.25
25	135	128	114	44	70	21	14	30	14	16	22	17	6	M10 × 1.25
32	141	128	114	44	71	27	14	30	14	16	22	17	6	M10 × 1.25
40	165	152	138	46	92	27	14	32	14	22	24	17	7	M12 × 1.25

symbol/bore	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
20	M22 × 1.5	10	8	16	19	12	12	29	8	6	G1/8"	7	33	29
25	M22 × 1.5	12	8	16	19	14	12	34	10	8	G1/8"	7	33	29
32	M24 × 2	12	10	16	25	14	15	39.5	12	10	G1/8"	8	37	32
40	M30 × 2	12	12	20	25	14	15	49.5	16	14	G1/4"	9	47	41