



ADVU Series Compact Cylinder(ISO6431)



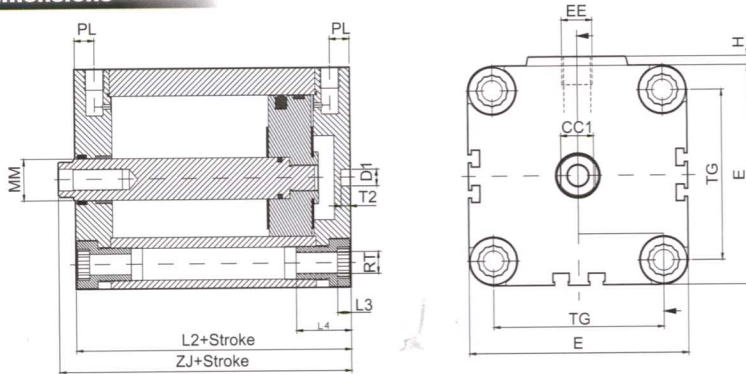
Ordering Code

ADVU	—	50 × 80	—	A	—	P	—	A	—	S2	
Type		Cylinder Bore		Stroke		Cog Type		Buffer Type		Magnet Code	Plunger Code
ADVU: Double Action Type		16mm-100mm		Normal Type:		Blank: zinner Thread				Blank: Without Magnet	Blank: Single end connecting rod
AEVUZ: Single-driven type				Φ 16-25: 1-200mm		A: Outer Thread				A: Attach Magnet	S2: Both ends connecting rod
AEVUD: Double-shaft Double Action Type				Φ 32-63: 1-300mm							
				Φ 80-100: 1-400mm							
				Single Action:							
				Φ 12: 1-10mm							
				Φ 16-100: 1-25mm							

Specification

Bore(mm)		16	20	25	32	40	50	63	80	100
Action		Double acting, single rod/double rod								
Working Medium		Air								
Ensured Pressure Resistance		1.5MPa								
Operating pressure range	ADVU - -P-A	0.12~1.0MPa	0.1~1.0MPa	0.08~1.0MPa				0.06~1.0MPa		
	ADVU - -P-A-S2	0.13~1.0MPa	0.12~1.0MPa	0.1~1.0MPa				0.8~1.0MPa		
Ambient and fluid temperature		-20~80 (No freezing)								
Port size		M5				G1/8"				G1/4"
Piston rod thread	Female thread	M4	M5	M6			M8	M10	M12	
	Male thread	M8	M10×1.25			M12×1.25		M16×1.5	M20×1.5	
Cushion		Rubber bumper								

Overall Dimensions



ADVU□-□-P-A /Series

- Note
- To attach cylinder, 12 and 16 mm from above, use only 2 screws diagonally or non-magnetic screws.
- + = plus stroke length
- 2 Minimum screw-in depth

Dimension Sheet

Bore size(mm)	D1	E	EE	H	L2	L3	L4	MM	PL	RT	T2	TG	ZJ	CC1
16	6	29	M5	1	38	4	18.5	8	8	M4	4	18	41	6
20	6	35.5	M5	1.5	38	4	18.5	10	8	M5	4	22	41	8
25	6	39.5	M5	1.5	39.5	4	18.5	10	8	M5	4	26	43.5	8
32	6	49.5	G1/8	2	44.5	5	22	12	8	M6	4	32	49.5	10
40	6	59.5	G1/8	2.5	45.5	5	22	12	8	M6	4	42	51	10
50	6	68	G1/8	2.8	46.5	5	22	16	8	M8	4	50	53	14
63	8	86	G1/8	4	50	6	26	16	8	M10	4	62	56	14
80	8	106	G1/8	4	56	6	26	20	8.5	M10	4	82	62	17
100	8	128	G1/4	5	66.5	8	26	35	10.5	M10	4	103	76.5	22

Note: ADVU Series Cylinder With 100mm Bore Is Being Developed, Not Available At The Moment.