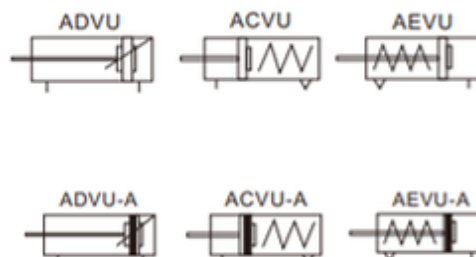


ADVU Series Compact Cylinder



Ordering Code ADVU Series Compact Cylinder

I

ADVU	12	X	10	-	25	A	B
Series code	Bore		Stroke		Adjustable stroke	Magnet	Thread
ADVU: Double acting AEVU: Spring return ACVU: Spring extend ADVUD: Double shaft acting ADVUJ: Adjustable cushion type				Nil: Standard	Nil: Without magnet A: With magnet	Nil: Female thread B: Male thread	

Note: Adjustable stroke type only available as a double-shaft cylinder.

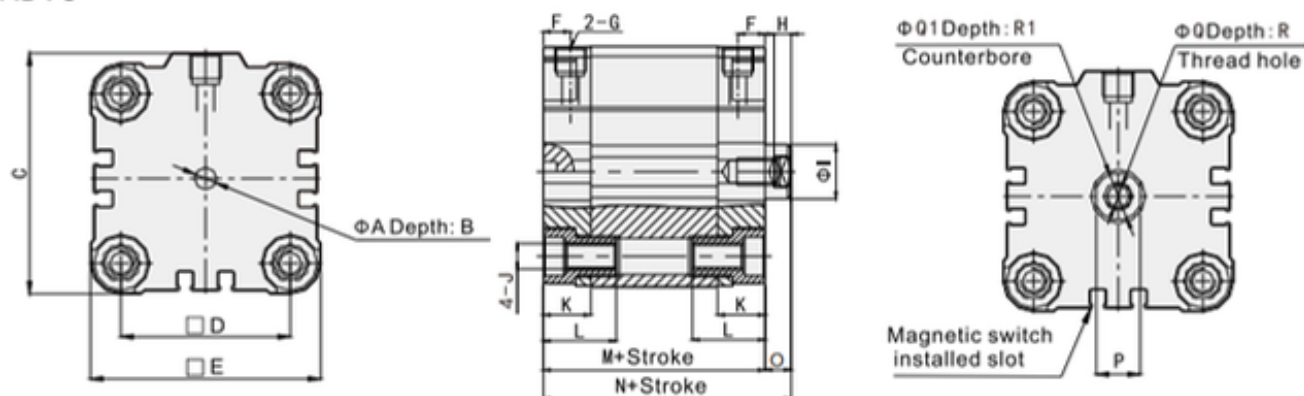
Specifications

Bore (mm)		12	16	20	25	32	40	50	63	80	100
Working medium		Clean air (40μm filtration)									
Acting type		Double acting spring extend, Spring return									
Pressure range	Double acting	0.1 to 1.0MPa									
	Spring acting	0.2 to 1.0MPa									
Max. working pressure		1.5MPa									
Working temperature		-5 to 70℃									
Speed range		Double acting: 30 to 500mm/s Spring acting: 50 to 500mm/s									
Tolerance of stroke		0 to 150 ^{+1.0} ₀ mm >150 ^{+1.4} ₀ mm									
Cushion type		Rubber cushion									
Port size		M5X0.8				G1/8				G1/4	

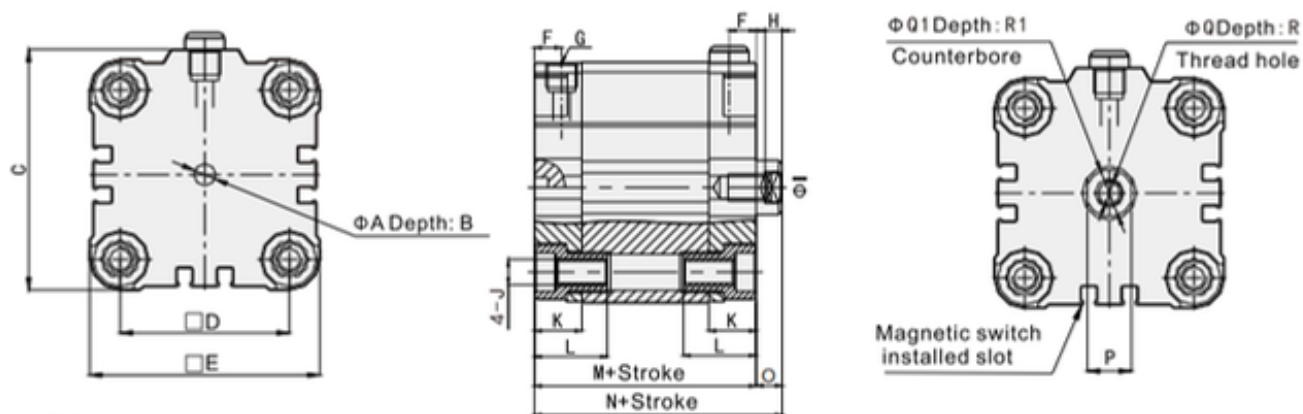
ADVU Series Compact Cylinder

Main Dimensions

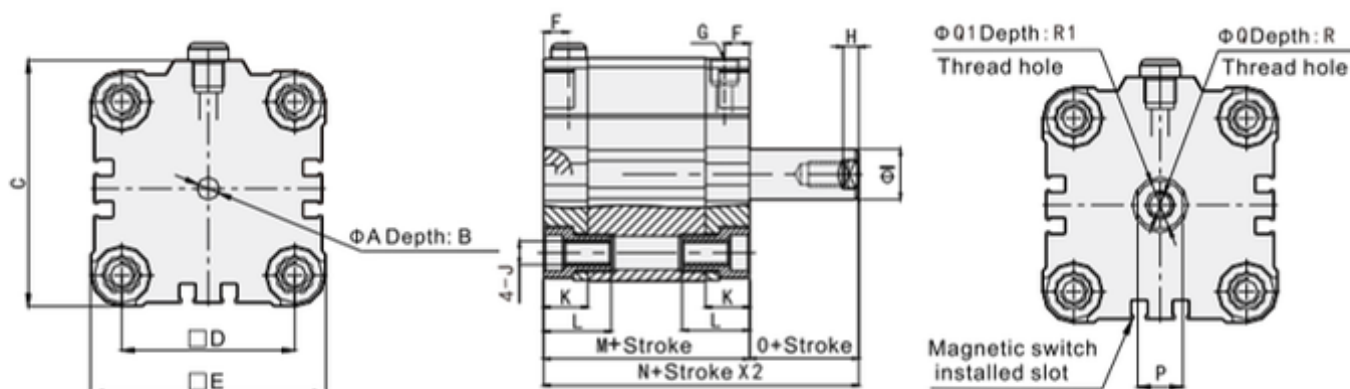
ADVU



AEVU



ACVU



Bore	Sign	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	Q1	R	R1
12		6	4	30	18	29	8	M5X0.8	3	6	M4X0.7	11.5	18	38	42.5	4.5	5	M3X0.5	3.3	8	1.5
16		6	4	30	18	29	8	M5X0.8	3	8	M4X0.7	11.5	18	38	42.5	4.5	7	M4X0.7	4.5	10	1.5
20		6	4	37.5	22	36	8	M5X0.8	3	10	M5X0.8	11.5	18	38	42.5	4.5	9	M5X0.8	5.5	12	2
25		6	4	41.5	26	40	8	M5X0.8	4	10	M5X0.8	11.5	18	39.5	45	5.5	9	M5X0.8	5.5	12	2
32		6	4	52	32	50	8	G1/8	4.5	12	M6X1.0	14	21	44.5	50.5	6	32	M6X1.0	6.5	14	2.6
40		6	4	62.5	42	60	8	G1/8	4.5	12	M6X1.0	14	21	45.5	52	6.5	10	M6X1.0	6.5	14	2.6
50		6	4	71	50	68	8	G1/8	5	16	M8X1.25	14	22	45.5	53	7.5	10	M8X1.25	8.5	16	3.3
63		8	4	91	62	87	8	G1/8	5	16	M10X1.5	15	24	50	57.5	7.5	13	M8X1.25	8.5	16	3.3
80		8	4	111	82	107	8.5	G1/8	5.5	20	M10X1.5	16	27	56	64	8	17	M10X1.5	10.5	20	4.7
100		8.1	4	133	103	128	10.5	G1/8	7	25	M10X1.5	19	32	66.5	76.5	10	22	M12X17.5	12.5	24	6.1