

Compact Cylinder

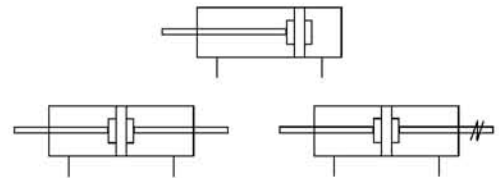
Character:

- Has ultra thin designs, light weight, occupies smaller space than traditional cylinder.
- Easy maintenance and disassembly.
- Inner and outer thread design in piston ends which can adapt to all circumstances.
- Non-lubrication design, may attached with sensor.



Specification:

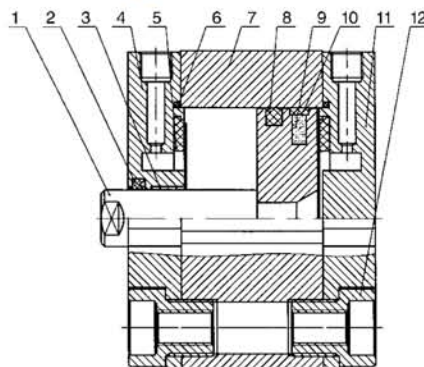
Mode	20	25	32	40	50	63	80	100	125
Motion	double acting								
Series	ADVU, ADVUB, ADVUD, ADVUJ								
Fluid	air								
Operating pressure range (Mpa)	0.1~0.9								
Operating speed (mm/sec)	50~500								
Ambient temperature (°C)	-10~70°C								
Port size	M5	1/8"	1/4"	3/8"					



How to order:

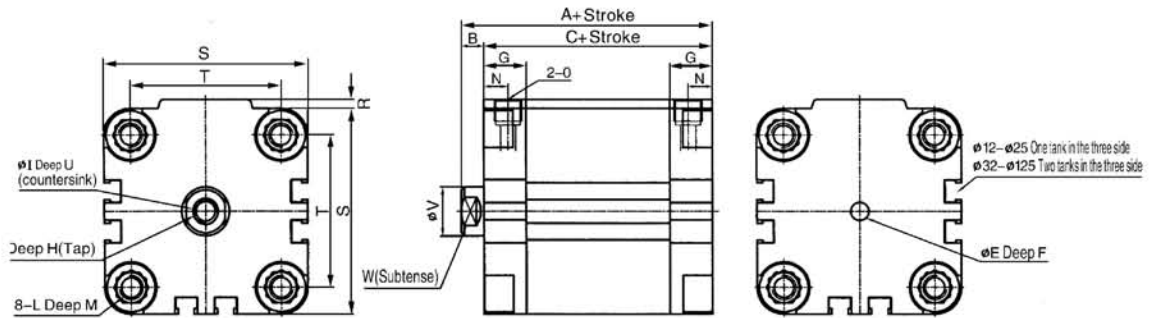
ADVU	50	×	40	-	B	S	2
series	bore		stroke		thread type	Magnet	sensor
ADVU Standard Cylinder	φ 20 φ 63				blank:inner	S:with magnet	1:1
ADVUD Double axial Cylinder	φ 25 φ 80				B:outer thread	blank:with out magnet	2:2
ADVUJ Double adjustable axial cylinder	φ 32 φ 100				N:without thread		
	φ 40 φ 125						
	φ 50						

Inner structure drawing:



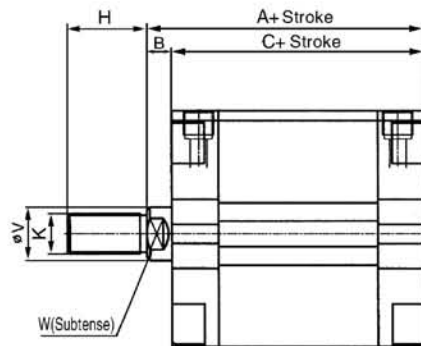
1	Piston rod	7	tube
2	compageseal	8	C-ring
3	Oiled bearing	9	Magnet ring
4	front cover	10	guard seals
5	crashworthy washer	11	rear cover
6	O-ring	12	End screw

Dimension :



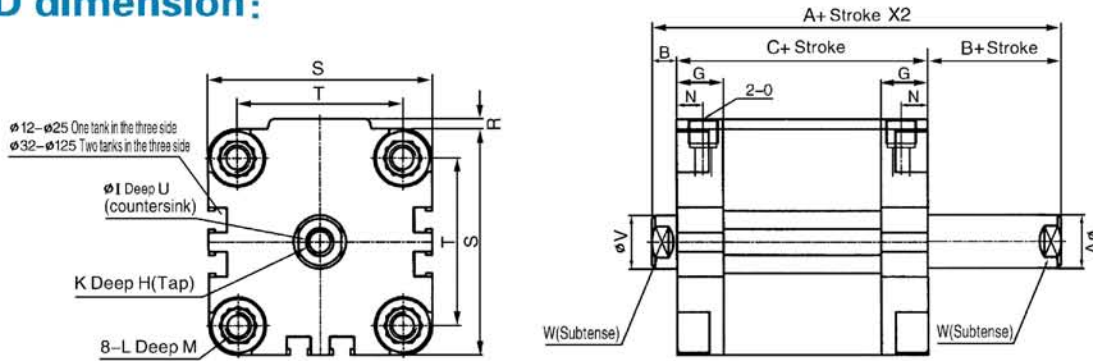
symbol/bore	A	B	C	E	F	G	H	I	K	L	M	N	O	R	S	T	U	V	W
20	42.5	4.5	38	6	4	11.5	12	5.5	M5	M5	18.5	7	M5	1.5	36	22	2	10	8
25	45	5.5	39.5	6	4	11.5	12	5.5	M5	M5	18.5	7	M5	1.5	40	25	2	10	8
32	50.5	6	44.5	6	4	14	14	6.5	M6	M6	21.5	8	G1/8"	2	50	32	2.6	12	10
40	52	6.5	45.5	6	4	14	14	6.5	M6	M6	21.5	8	G1/8"	2.5	60	42	2.6	12	10
50	53	7.5	45.5	6	4	14	16	8.5	M8	M8	22	8	G1/8"	3	68	50	3.3	16	13
63	57.5	7.5	50	8	4	15	16	8.5	M8	M10	24.5	8	G1/8"	4	87	62	3.3	16	13
80	64	8	56	8	4	16	20	10.5	M10	M10	27.5	8.5	G1/8"	4	107	82	4.7	20	17
100	76.5	10	66.5	8	4	19	24	12.5	M12	M10	32.5	10.5	G1/4"	5	128	103	6.1	25	22
125	92	11	81	8	4	20	24	12.5	M12	M10	32.5	10.5	G1/4"	-	134	110	6.1	25	22

ADVUB dimension :



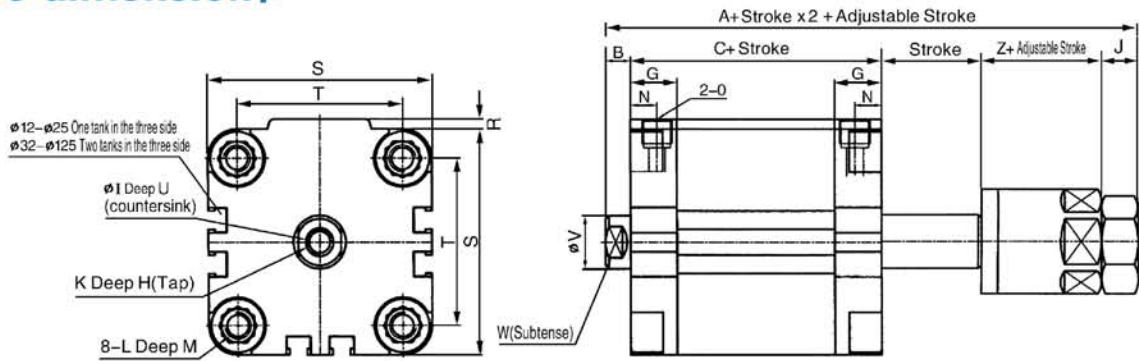
symbol/bore	A	B	C	H	K	V	W
20	42.5	4.5	38	22	M10 x 1.25	10	8
25	45	5.5	39.5	22	M10 x 1.25	10	8
32	50.5	6	44.5	22	M10 x 1.25	12	10
40	52	6.5	45.5	22	M10 x 1.25	12	10
50	53	7.5	45.5	24	M12 x 1.25	16	13
63	57.5	7.5	50	24	M12 x 1.25	16	13
80	64	8	56	32	M16 x 1.5	20	17
100	76.5	10	66.5	40	M20 x 1.5	25	22
125	92	11	81	40	M20 x 1.5	25	22

ADVUD dimension:



symbol/bore	A	B	C	G	H	I	K	L	M	N	O	R	S	T	U	V	W
12	47	4.5	38	11.5	8	3.3	M3	M4	18.5	7	M5	1	29	18	1.5	6	5
16	47	4.5	38	11.5	10	4.5	M4	M4	18.5	7	M5	1	29	18	1.5	8	6
20	47	4.5	38	11.5	12	5.5	M5	M5	18.5	7	M5	1.5	36	22	2	10	8
25	50.5	5.5	39.5	11.5	12	5.5	M5	M5	18.5	7	M5	1.5	40	25	2	10	8
32	56.5	6	44.5	14	14	6.5	M6	M6	21.5	8	G1/8"	2	50	32	2.6	12	10
40	58.5	6.5	45.5	14	14	6.5	M6	M6	21.5	8	G1/8"	2.5	60	42	2.6	12	10
50	60.5	7.5	45.5	14	16	8.5	M8	M8	22	8	G1/8"	3	68	50	3.3	16	13
63	65	7.5	50	15	16	8.5	M8	M10	24.5	8	G1/8"	4	87	62	3.3	16	13
80	72	8	56	16	20	10.5	M10	M10	27.5	8.5	G1/8"	4	107	82	4.7	20	17
100	86.5	10	66.5	19	24	12.5	M12	M10	32.5	10.5	G1/4"	5	128	103	6.1	25	22
125	103	11	81	20	24	12.5	M12	M10	32.5	10.5	G1/4"	-	134	110	6.1	25	22

ADVUJ dimension:



symbol/bore	A	B	C	G	H	I	K	L	M	N	O	R	S	T	U	V	W	Z
12	63.5	4.5	38	11.5	8	3.3	M3	M4	18.5	7	M5	1	29	18	1.5	6	5	16
16	67.5	4.5	38	11.5	10	4.5	M4	M4	18.5	7	M5	1	29	18	1.5	8	6	19
20	69.5	4.5	38	11.5	12	5.5	M5	M5	18.5	7	M5	1.5	36	22	2	10	8	21
25	72	5.5	39.5	11.5	12	5.5	M5	M5	18.5	7	M5	1.5	40	25	2	10	8	21
32	77.5	6	44.5	14	14	6.5	M6	M6	21.5	8	G1/8"	2	50	32	2.6	12	10	21
40	79	6.5	45.5	14	14	6.5	M6	M6	21.5	8	G1/8"	2.5	60	42	2.6	12	10	21
50	81	7.5	45.5	14	16	8.5	M8	M8	22	8	G1/8"	3	68	50	3.3	16	13	21
63	85.5	7.5	50	15	16	8.5	M8	M10	24.5	8	G1/8"	4	87	62	3.3	16	13	21
80	95	8	56	16	20	10.5	M10	M10	27.5	8.5	G1/8"	4	107	82	4.7	20	17	23
100	115.5	10	66.5	19	24	12.5	M12	M10	32.5	10.5	G1/4"	5	128	103	6.1	25	22	29
125	131	11	81	20	24	12.5	M12	M10	32.5	10.5	G1/4"	-	134	110	6.1	25	22	29