

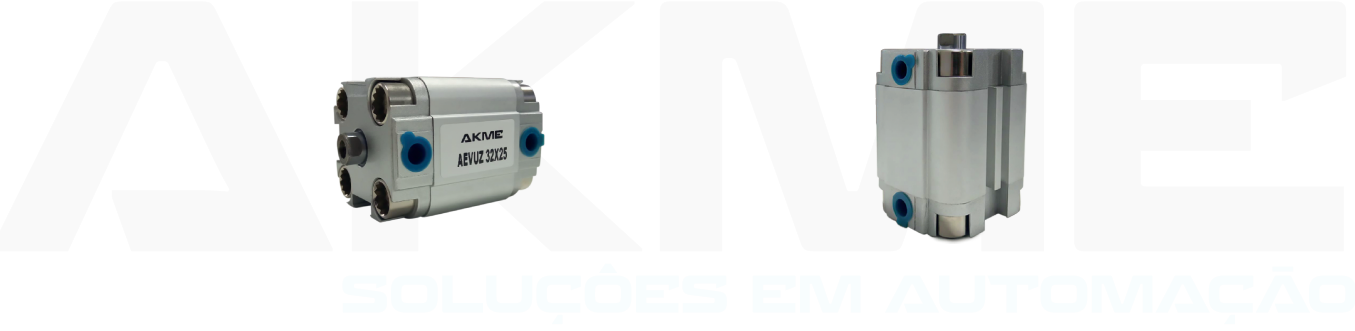


ADVU

Compact Cylinder

ADVU Series

Compact Cylinder



Ordering Code

ADVU	50	80	A	PA	-	-	-	-
Series	Bore	Stroke	Thread	Magnet	Piston rod Material	Seal Type	Version	Extension
ADVU : Double Action	16mm ~100mm		Blank: Female Thread A: Male Thread	PA: Magnet	Blank: Steel SAE 1045 I: Stainless Steel	Blank: Buna N V: Viton	Blank : Basic Version S2: Double Shaft	Blank: Standard PH XX : Extension rod PR: Extension Thread
ADVUL : Double Action, non-rotating AEVU : Single Action, Retracted AEVUZ : Single Action, Extended								

*100mm diameters available upon request only.

Specification

Bore (mm)	16	20	25	32	40	50	63	80	100
Operation	Double Acting								
Working Medium	Air								
Ensure Pressure Resistance	10 Bar								
Operating Pressure Range	0~8 Bar								

Feature

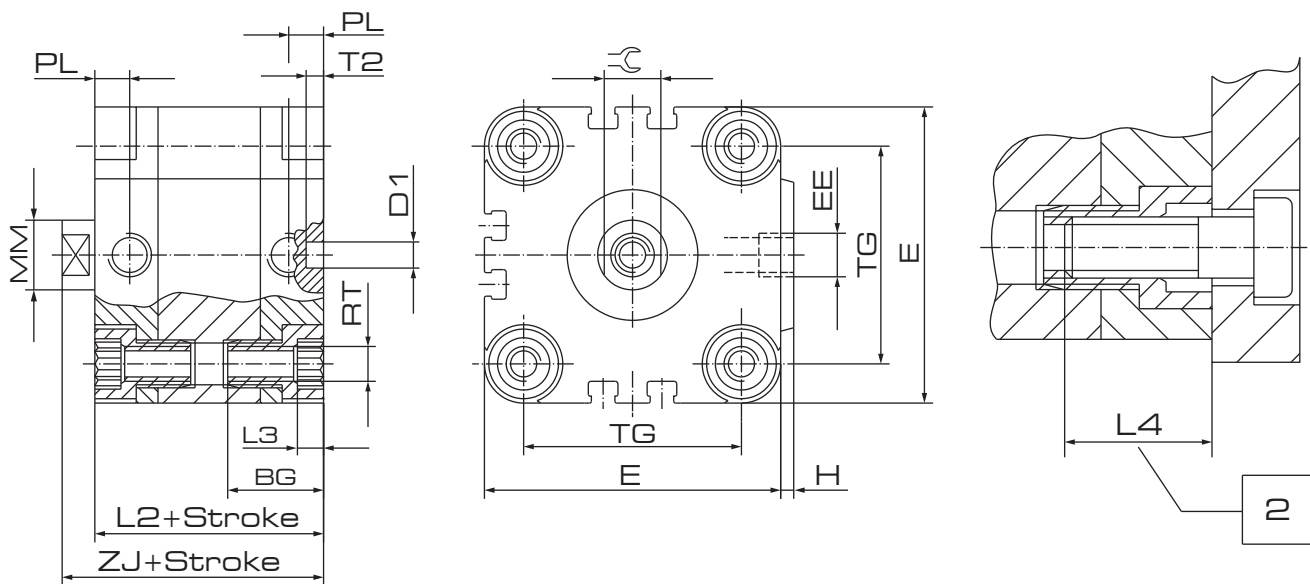
1. 50% less installation space than comparable ISO cylinders to ISO 15552
2. Piston rod with internal or external thread
3. Wide range of variants for customized applications
4. Magnetic piston for position sensing

ADVU Series

Compact Cylinder

Overall Dimension

ADVU Series



Dimension

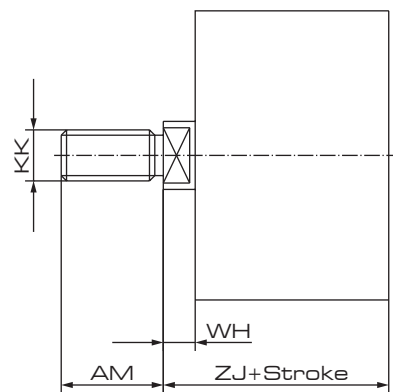
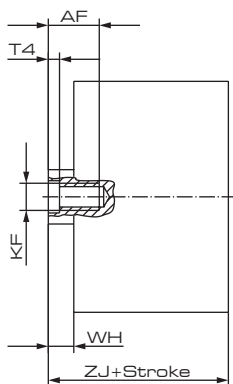
Ø	BG	D1 Ø H9	E	EE	H	L2	L3	L4	MM Ø	PL	RT	T2	TG	ZJ	1
[mm]												-0.2			h13
16	18.5	6	29	M5	1	38	3	16	8	8	M4	4	18	42.5	7
20	18.5	6	36	M5	1.5	38	4	18	10	8	M5	4	22	42.5	9
25	18.5	6	40	M5	1.5	39.5	4	18	10	8	M5	4	26	45	9
32	21.5	6	50	G1/8	2	44.5	5	20	12	8	M6	4	32	50.5	10
40	21.5	6	60	G1/8	2.5	45.5	5	20	12	8	M6	4	42	52	10
50	22	6	68	G1/8	3	45.5	6	20	16	8	M8	4	50	53	13
63	24.5	8	87	G1/8	4	50	8	25	16	8	M10	4	62	57.5	13
80	27.5	8	107	G1/8	4	56	8	25	20	8.5	M10	4	82	64	17
100	32.5	8	128	G1/4	5	66.5	8	25	25	10.5	M10	4	103	76.5	22

ADVU Series

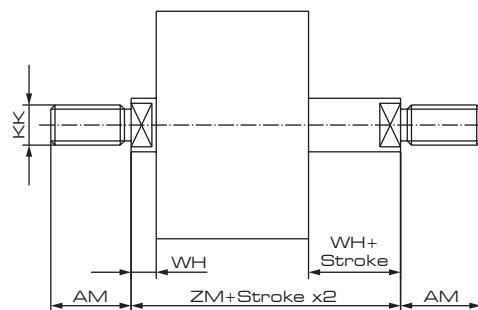
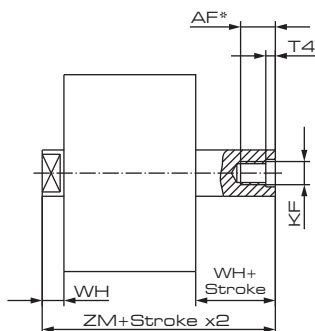
Compact Cylinder

Overall Dimension

ADVU Basic version Variants



ADVU - S2



Dimension

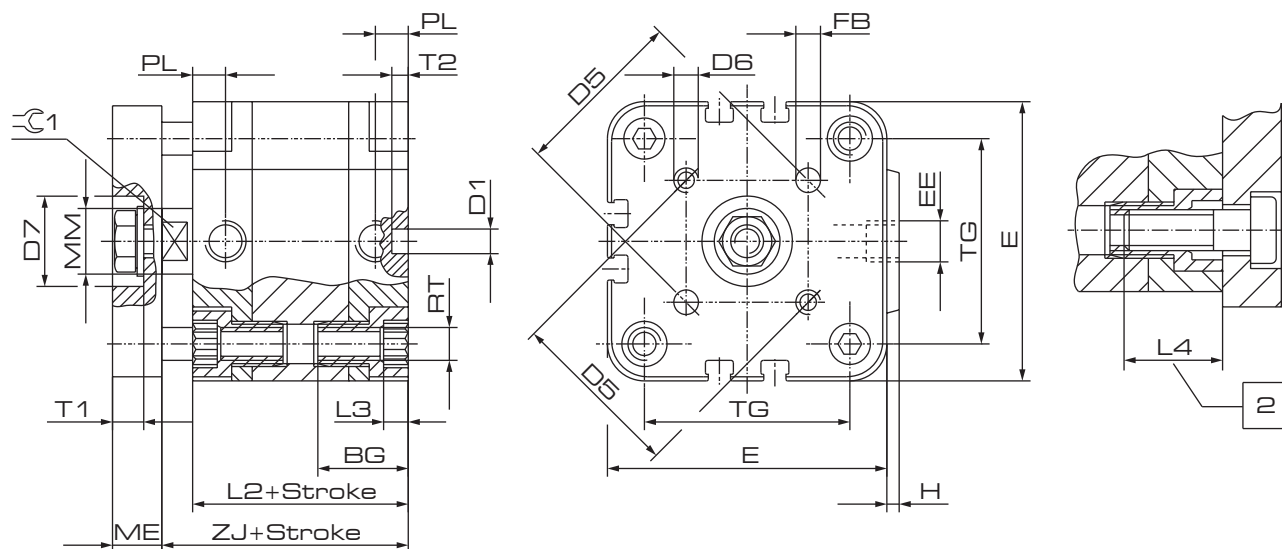
Ø [mm]	AF	AM	D8	D9 Ø	KF	KK	T4	WH	ZJ	ZM
16	10	20	–	3.2	M4	M8	1.5	4.5	42.5	47
20 ²⁾	12	22	–	3.8	M5	M10x1.25	2	4.5	42.5	47
25 ²⁾	12	22	–	3.8	M5	M10x1.25	2	5.5	45	50.5
32 ²⁾	14	22	–	4.5	M6	M10x1.25	2.6	6	50.5	56.5
40 ²⁾	14	22	–	4.5	M6	M10x1.25	2.6	6.5	52	58.5
50 ²⁾	16	24	–	6	M8	M12x1.25	3.3	7.5	53	60.5
63 ²⁾	16	24	–	6	M8	M12x1.25	3.3	7.5	57.5	65
80 ²⁾	20 ¹⁾	32	G1/8	8	M10	M16x1.5	4.7	8	64	72
100 ²⁾	24 ¹⁾	40	G1/4	11.7	M12	M20x1.5	6.1	10	76.5	86.5

ADVU Series

Compact Cylinder

Overall Dimension

ADVUL Series



Dimension

Ø [mm]	BG ¹⁾	D1 Ø H9	D5	D6	D7 Ø H9	E	EE	FB Ø H8	H	L2
16	18.5	6	14	M3	–	29	M5	3	1	38
20	18.5	6	17	M4	–	36	M5	4	1.5	38
25	18.5	6	22	M5	14	40	M5	5	1.5	39.5
32	21.5	6	28	M5	17	50	G1/8	5	2	44.5
40	21.5	6	33	M5	17	60	G1/8	5	2.5	45.5
50	22	6	42	M6	22	68	G1/8	6	3	45.5
63	24.5	8	50	M6	22	87	G1/8	6	4	50
80	27.5	8	65	M8	28	107	G1/8	8	4	56
100	32.5	8	80	M10	30	128	G1/4	10	5	66.5

Ø [mm]	L3	L4	ME	MM Ø	PL	RT	T1 +0.2	T2 –0.2	TG	1 h13
16	3	16	6	8	8	M4	–	4	18	7
20	4	18	8	10	8	M5	–	4	22	9
25	4	18	8	10	8	M5	4.8	4	26	9
32	5	20	10	12	8	M6	6.1	4	32	10
40	5	20	10	12	8	M6	6.1	4	42	10
50	6	20	12	16	8	M8	7.6	4	50	13
63	8	25	12	16	8	M10	7.6	4	62	13
80	8	25	14	20	8.5	M10	8.7	4	82	17
100	8	25	14	25	10.5	M10	10.3	4	103	22