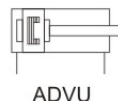




A



缸径		12	16	20	25	32	40	50	63	80	100	125
气接口		M5	M5	M5	M5	G1/8	G1/8	G1/8	G1/8	G1/8	G1/4	G1/4
活塞杆末端	内螺纹	M3	M4	M4	M5	M6	M6	M8	M8	M8	M12	M12
	外螺纹	M6	M8	M10×1.5				M12×1.5		M16×1.5	M20×1.5	M27×2
工作介质	压缩空气，符合 ISO8573-1:2010[7.4:4]											
工作/先导介质注意事项	可用润滑介质工作 (今后须使用润滑工作)											
6bar时力的理论值， 推进		68	121	188	295	483	754	1178	1870	3016	4712	7363
	S2/S20	51	90	141	247	415	686	1057	1750	2827	4418	6881
6bar时力的理论值， 返回		51	90	141	247	415	686	1057	1750	2827	4418	6881
	S2/S20	51	90	141	247	415	686	1057	1750	2827	4418	6881
终端为止最大冲击能量		0.09	0.10	0.14	0.30	0.40	0.52	0.64	0.70	0.75	1.00	4.00
	S20	0.01	0.01	0.01	0.01	0.04	0.05	0.06	0.07	0.08	0.10	0.40
结构特点	活塞、活塞杆											
缓冲	两端带弹性缓冲垫											
位置感测	带位置感测											
安装方式	通过通孔											
	通过内螺纹											
	通过安装板											
安装位置	任意											

The diagram illustrates the naming convention for ADVU series hydraulic cylinders. The code is structured as follows:

- ADVU**: Basic type
- 50**: Bore diameter (缸径)
- 80**: Stroke (行程)
- A**: Cylinder type (活塞杆螺纹)
- P**: Buffer type (缓冲形式)
- A**: Position sensing (位置感测)
- S6**: Derivative (派生型)

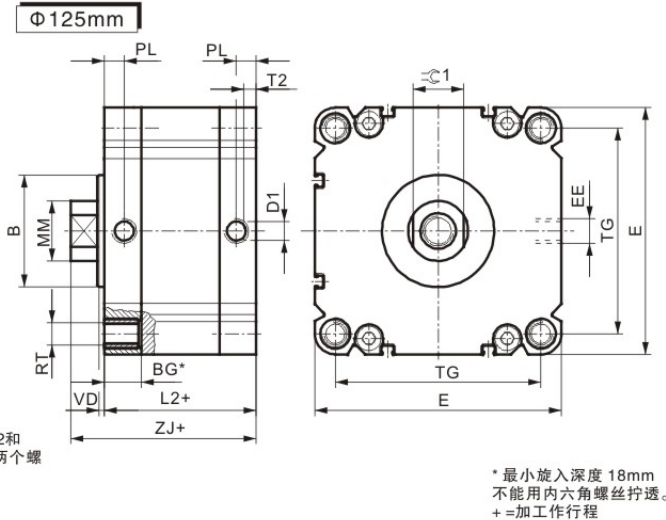
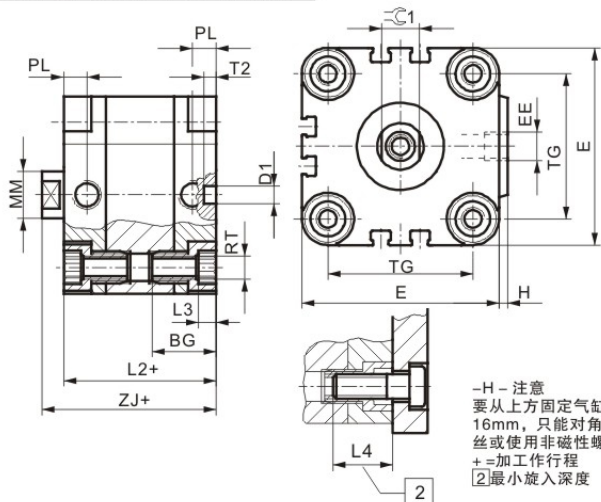
Additional details from the diagram:

- 双作用** (Double-acting): ADVU (Basic type), ADVULQ (Square piston rod)
- 单作用** (Single-acting): AEVU (Basic type), AEVUZ (Basic type pull), AEVULQ (Square piston rod), AEVULQZ (Square piston rod, pull)
- 缓冲形式** (Buffer type): P (Two-end elastic buffer)
- 位置感测** (Position sensing): A (With position sensing)
- 派生型** (Derivative): S1 (Reinforced piston rod), S2 (Double-end piston rod), S6 (High temperature, max 120°C), S20 (Double-end hollow piston rod), S26 (Double-end piston rod, high temperature, max 120°C), S206 (Double-end hollow piston rod, high temperature, max 120°C), R3 (Enhanced corrosion resistance)
- 活塞杆螺纹** (Piston rod thread): I (Internal thread), A (External thread)



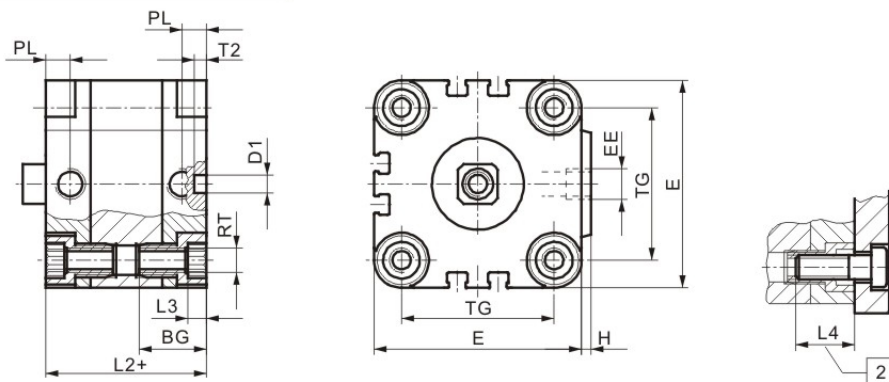
■ 外形尺寸图

基本型-ADVU Φ12~100mm



Φ (mm)	B d11	BG	D1 Φ H9G	E	EE	H	L2	L3	L4	MM Φ	PL	RT	T2 -0.2	TG	VD	ZJ	h13
12	-	18.5	6	29	M5	1	38	3	16	6	8	M4	4	18	-	42.5	5
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
125	60	19.5	10	132	G1/4	-	81	-	18	32	10.5	M12	6	110	4	99	27

基本型-ADVULQ Φ12~100mm



Φ (mm)	BG	D1 Φ H9G	E	EE	H	L2	L3	L4	PL	RT	T2 -0.2	TG
12	18.5	6	29	M5	1	38	3	16	8	M4	4	18
16	18.5	6	29	M5	1	38	3	16	8	M4	4	18
20	18.5	6	36	M5	1.5	38	4	18	8	M5	4	22
25	18.5	6	40	M5	1.5	39.5	4	18	8	M5	4	26
32	21.5	6	50	G1/8	2	44.5	5	20	8	M6	4	32
40	21.5	6	60	G1/8	2.5	45.5	5	20	8	M6	4	42
50	22	6	68	G1/8	3	45.5	6	20	8	M8	4	50
63	24.5	8	87	G1/8	4	50	8	25	8	M10	4	62
80	27.5	8	107	G1/8	4	56	8	25	8.5	M10	4	82
100	32.5	8	128	G1/4	5	66.5	8	25	10.5	M10	4	103

DSN/ESN
圆形气缸

DNC
标准气缸

ADN/AEN
紧凑型气缸

ADVC/AEVC
短行程气缸

DSN
圆形气缸

DFM
导向杆气缸

ADNGF
紧凑型气缸

FEN
直线导向单元

DPZ
导向杆气缸

ADVU
紧凑型气缸

DMM/EMM
安装气缸

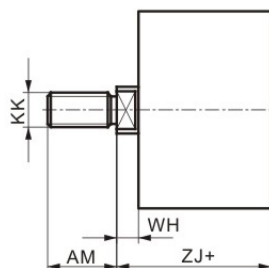
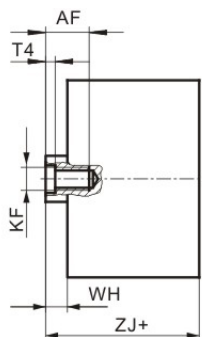
DSBG
标准气缸

DSBC
标准气缸

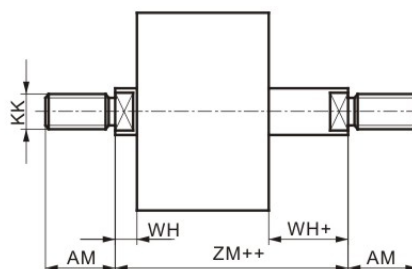
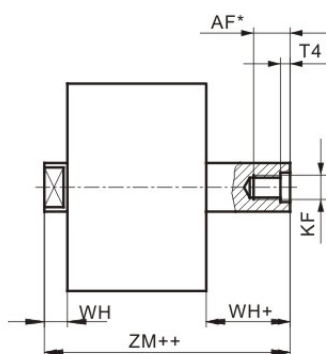


A

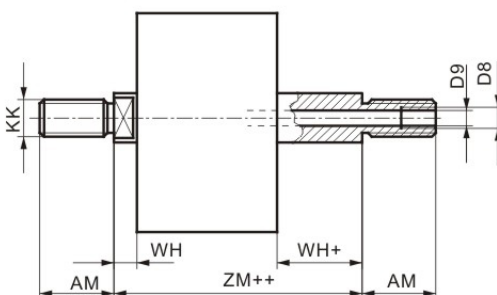
派生型-基本型



S2-双端活塞杆



S20-双端中空活塞杆



+ = 加工作行程

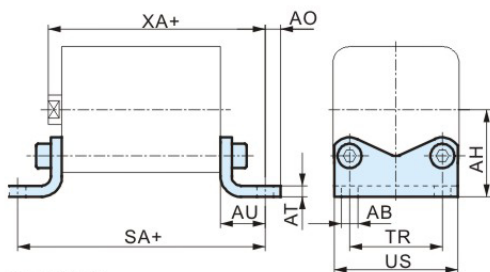
++ = 加 2x工作行程

Φ (mm)	AF	AM	D8	D9 Φ	KF	KK	T4	WH	ZJ	ZM
12	8	16		2.3	M3	M6	1.5	4.5	42.5	47
16	10	20		3.2	M4	M8	1.5	4.5	42.5	47
20	12	22		3.8	M5	M10x1.25	2	4.5	42.5	47
25	12	22		3.8	M5	M10x1.25	2	5.5	45	50.5
32	14	22		4.5	M6	M10x1.25	2.6	6	50.5	56.5
40	14	22		4.5	M6	M10x1.25	2.6	6.5	52	58.5
50	16	24		6	M8	M12x1.25	3.3	7.5	53	60.5
63	16	24		6	M8	M12x1.25	3.3	7.5	57.5	65
80	20	32	G1/8	8	M10	M16x1.5	4.7	8	64	72
100	24	40	G1/4	11.7	M12	M20x1.5	6.1	10	76.5	86.5
125	25	54			M16	M27x2	7	18	99	117



■ 附件尺寸图

脚架安装件 HUA/HUC

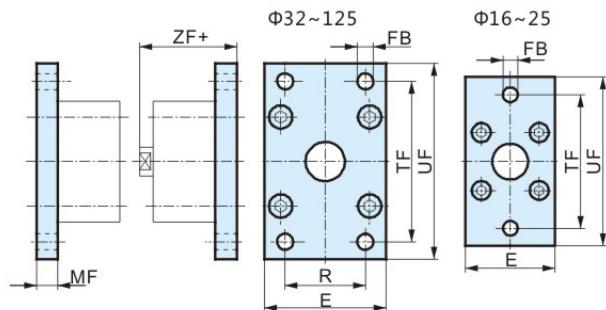


+ = 加工作行程

材料: HUA/HNC:镀锌钢 HUA-...-R3: 钢, 银色保护涂层

CRHN: 高合金不锈钢 不含铜和聚四氟乙烯

法兰安装件 FUA/FUC



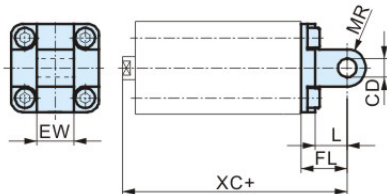
+ = 加工作行程

材料: FUA:精制铝合金 FNC: 镀锌钢

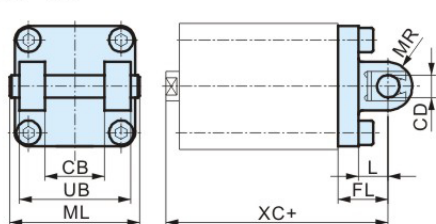
不含铜和聚四氟乙烯 符合 RoHS

耳环安装件 SUA

Φ12~25



Φ32~100



+ = 加工作行程

材料: SUA:阳极氧化铝 SUA-...-R3: 铝, 银色保护涂层, 高耐腐蚀等级, 不含铜和聚四氟乙烯

Φ(mm)	AB Φ	AH	AO	AT	AU	SA		TR	US	XA	
						基本型	S1			基本型	S1
12/16	5.5	22	4.75	3	13	64	-	18	27	55.5	-
20	6.6	27	6.25	4	16	70	-	22	34	58.5	-
25	6.6	29	6.25	4	16	71.5	77.5	26	38	61	73
32	6.6	34	8.25	5	18	80.5	-	32	48	68.5	-
40	9	40.5	8.25	5	20	85.5	92.5	42	58	72	89
50	9	47	8.25	6	24	93.5	-	50	66	77	-
63	11	56.5	11.75	6	27	104	112	62	85	84.5	106.5
80	11	68.5	11.75	8	30	116	-	82	105	94	-
100	13.5	81	11.75	8	33	132.5	143.5	103	126	109.5	137.5
125	16.5	90	22	8	45	171	-	90	131	144	-

Φ (mm)	E	FB Φ	MF	R	TF	UF	ZF	
							基本型	S1
12/16	29	5.5	10	-	43	55	52.5	-
20	36	6.6	10	-	55	70	52.5	-
25	40	6.6	10	-	60	76	55	67
32	50	7	10	32	65	80	60.5	-
40	60	9	10	36	82	102	62	79
50	68	9	12	45	90	110	65	-
63	87	9	15	50	110	130	72.5	91.5
80	107	12	15	63	135	160	76	-
100	128	14	15	75	163	190	91.5	119.5
125	132	16	20	90	180	210	119	-

Φ (mm)	CB	CD Φ	EW	FL	L	ML	MR	UB	XC	
									基本型	S1
12/16	-	6	12	16	10	-	6	-	58.5	-
20	-	8	16	20	14	-	8	-	62.5	-
25	-	8	16	20	14	-	8	-	65	77
32	26	10	-	22	13	54	10	45	72.5	-
40	28	12	-	25	16	62	12	52	77	94
50	32	12	-	27	16	70	12	60	80	-
63	40	16	-	32	21	82	16	70	89.5	111.5
80	50	16	-	36	23	102	16	90	100	-
100	60	20	-	41	26	126	20	110	117.5	145.5

DSN/ESN

圆形气缸

DNC

标准气缸

ADN/AEN

紧凑型气缸

ADVC/AEVC

短行程气缸

DSN

圆形气缸

DFM

导向杆气缸

ADNGF

紧凑型气缸

FEN

直线导向单元

DPZ

导向杆气缸

ADVU

紧凑型气缸

DMM/EMM

安装气缸

DSBG

标准气缸

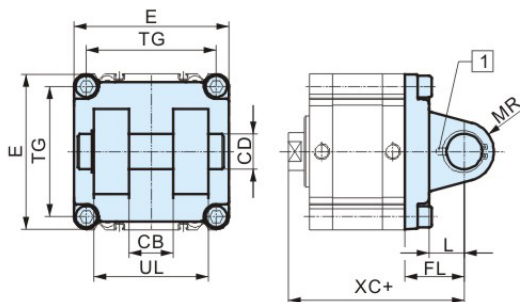
DSBC

标准气缸



A

耳环安装件 SNC-125



+ = 加工作行程

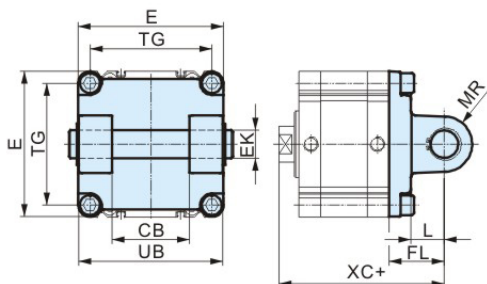
①主销用燕尾销固定

材料：压铸铝、不含铜和聚四氟乙烯 符合 RoHS

Φ (mm)	CB H14	CD Φ H9	E -0.8	FL ± 0.2	L
125	37	30	131	50	30

Φ (mm)	MR	TG	UL h14	XC	CRC
125	25	110	97	149	2

耳环安装件 SNCB-125



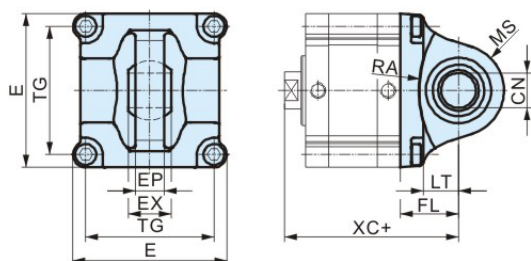
+ = 加工作行程

材料：SNCB-125：压铸铝 SNCB-125-R3：压铸铝,保护层,高耐腐蚀等级,不含铜和聚四氟乙烯,符合 RoHS

Φ (mm)	CB H14	EK Φ H9/e8	E -0.8	FL ± 0.2	L
125	70	25	131	50	30

Φ (mm)	MR -0.5	TG	UB h14	XC	CRC
125	25	110	130	149	2

耳环安装件 SNCS-125



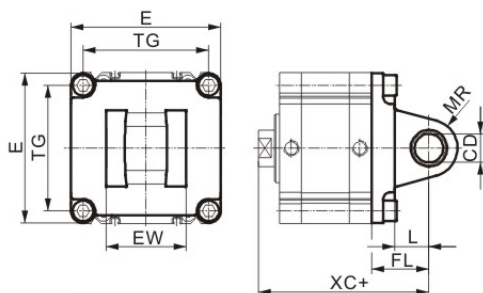
+ = 加工作行程

材料：SNCS-125：精制铝合金 SNCS-125-R3：精制铝合金 with 保护层 符合 RoHS

Φ (mm)	CN Φ		E		EP ± 0.2	EX	FL ± 0.2
	基本型	R3	基本型	R3			
125	30 $^{+0.018}_{-0.04}$	30 $^{+0.021}_{-0.04}$	132 $^{+1}_{-0.7}$	132 $^{+1}_{-0.7}$	25	37	50

Φ (mm)	LT	MS	MS	RA	RA	TG	XC	CRC
125	30	39 ± 0.5	39 ± 0.5	100	100	110	149	2

耳环安装件 SNCL-125



+ = 加工作行程

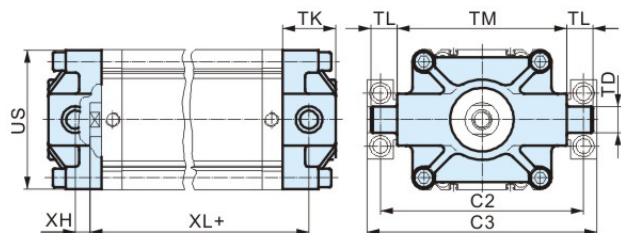
材料：压铸铝,不含铜和聚四氟乙烯 符合 RoHS

Φ (mm)	CB Φ H9	E -0.8	EW -0.2/-0.6	FL ± 0.2	L
125	25	131	70	50	30

Φ (mm)	MR	TG	XC	CRC
125	25	110	149	2



耳轴安装件 ZNCF-125



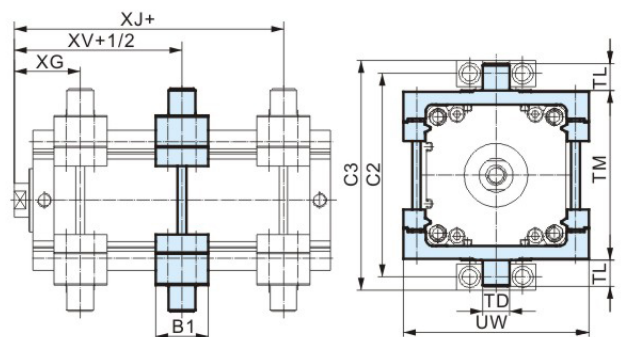
+ = 加工作行程

材料：高合金不锈钢,不含铜和聚四氟乙烯,符合 RoHS

Φ (mm)	C2	C3	TD Φ _{e9}	TK max.	TL
125	192	217	25	50	24.5

Φ (mm)	TM h14	US	XH	XL	CRC
125	160	131	14	124	2

耳轴安装组件 DAMT-V7-125-A



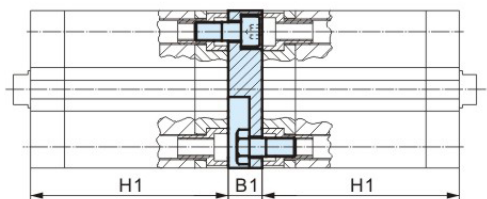
+ = 加工作行程

材料：退火钢,,不含铜和聚四氟乙烯,符合 RoHS

Φ (mm)	C1	C2	B1	TD Φ _{e9}	TL
125	217	192	50	25	25

Φ (mm)	TM	UW	XG	XV	XJ	CRC
125	160	175	62.5	58.5	54.5	1

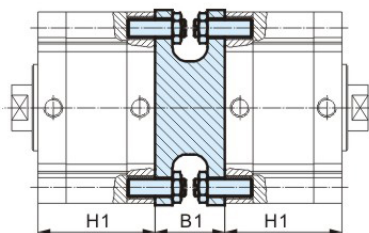
连接组件 DPVU



材料：精制铝合金,不含铜和聚四氟乙烯

Φ (mm)	B1	H
12/16	12.5	38
20	12.5	38
25	13	39.5
32	14.5	44.5
40	14.5	45.5
50	14.5	45.5
63	14.5	50
80	16.5	56
100	19.5	66.5
125	48	81

连接组件 DPNC



材料：法兰:精制铝合金,螺纹销,六角螺母:镀锌钢

DSN/ESN
圆形气缸

DNC
标准气缸

ADN/AEN
紧凑型气缸

ADVC/AEVC
短行程气缸

DSN
圆形气缸

DFM
导向杆气缸

ADNGF
紧凑型气缸

FEN
直线导向单元

DPZ
导向杆气缸

ADVU
紧凑型气缸

DMM/EMM
安装气缸

DSBG
标准气缸

DSBC
标准气缸