

共同规格

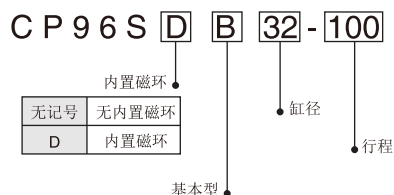
缸径 (mm)	32	40	50	63	80	100	125
动作方式	双作用						
使用流体	空气						
耐压试验压力	1.5MPa						
最高使用压力	1.0MPa						
最低使用压力	0.05MPa						
环境和流体温度	不带磁性开关:-20~70°C (未冻结) 带磁性开关:-10~60°C (未冻结)						
* 润滑	不需要						
活塞速度	50~1000mm/s						50~700mm/s
行程公差(mm)	~250: $^{+1.0}_0$, 251~1000: $^{+1.4}_0$, 1001~1500: $^{+1.8}_0$, 1501~2000: $^{+2.2}_0$						
缓冲	两端气缓冲						
接管口径(Rc)	G 1/8	G 1/4	G 3/8		G 1/2		

* 如需要润滑, 请用透平1号油ISO VG32。

订货举例

- 所需缸径: 32, 行程: 50, 基本型
正确型号: CP96SB32-50
- 所需缸径: 50, 行程: 100, 需磁性开关, 脚座安装型
正确型号: CP96SDB50-100
L5050 1个气缸
D-M9BL 1个脚架(单位1等于2个脚架)
2个磁性开关

型号表示方法



磁性开关最小安装行程表

磁性开关	安装数量	ø32	ø40	ø50	ø63	ø80	ø100	ø125
D-M9□L	2	15		10				10
	1	15		10				10
	其它数量, n	15+5(n-2)		10+10(n-2)				10+10(n-2)
D-M9□WL D-M9□AL	2	15		10				10
	1	15		10				10
	其它数量, n	15+10(n-2)		10+10(n-2)		10+15(n-2)		
D-A9□L	2	15		10				10
	1	15		10				10
	其它数量, n	15+10(n-2)		15+15(n-2)		15+20(n-2)		

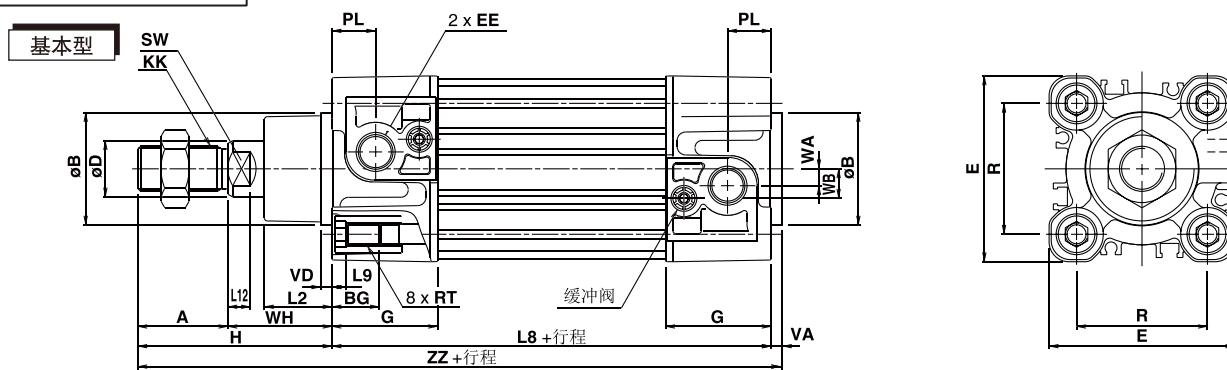
注: n = 3, 4, 5... (n = 磁性开关安装数量)

行程/磁性开关型号表

缸径 (mm)	标准行程 (mm)	最长行程 (mm)	磁性开关			密封包型号
			有触点 2线	无触点 2线	3线NPN	
32	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500	2000	D-A93(V)L	D-M9B(V)L	D-M9N(V)L	CS95-32
40						CS95-40
50	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500, 600					CS95-50
63						CS95-63
80	25, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500, 600, 700, 800					CS95-80
100						CS95-100
125*	—					CS95-125

* ø125是接到订单后才生产。

外形尺寸图 (毫米)



缸径 (mm)	A	øB d11	øD	EE	PL	RT	L12	KK	SW	G	BG	L8	VD	VA	WA	WB	WH	ZZ	E	R	L2	L9	H
32	22	30	12	G 1/8	13	M6 x 1	6	M10 x 1.25	10	32	16	94	4	4	4	7	26	146	47	32.5	15	4	48
40	24	35	16	G 1/4	14	M6 x 1	6.5	M12 x 1.25	13	37.5	16	105	4	4	5	9	30	163	54	38	17	4	54
50	32	40	20	G 1/4	15.5	M8 x 1.25	8	M16 x 1.5	17	37.5	16	106	4	4	6	10.5	37	179	66	46.5	24	5	69
63	32	45	20	G 3/8	16.5	M8 x 1.25	8	M16 x 1.5	17	45	16	121	4	4	9	12	37	194	77	56.5	24	5	69
80	40	45	25	G 3/8	19	M10 x 1.5	10	M20 x 1.5	22	45	17	128	4	4	11.5	14	46	218	99	72	30	—	86
100	40	55	25	G 1/2	19	M10 x 1.5	10	M20 x 1.5	22	50	17	138	4	4	17	15	51	233	118	89	32	—	91
125	54	60	32	G 1/2	19	M12 x 1.75	13	M27 x 2	27	58	20	160	6	6	17	15	65	285	144	110	40	—	119

外形尺寸图 (毫米)

*包含2个脚座

Technical drawing of a ball joint (Type D) showing dimensions: FL, l_z , CDH9, MR, L, H17, and l_1 .

Technical drawing of a mechanical part. The drawing shows a cross-section of a component with a circular feature. Dimensions are labeled as follows: $G1$ (total width), $G2$ (width of the base), $G3$ (width of the base), $R1$ (radius of the circular feature), and $G4$ (height of the base).

Technical drawing of a shaft-hub assembly. The drawing shows a cross-section of a shaft (Ød2) inserted into a hub (ØS5). The shaft has a length dimension K1 and the hub has a length dimension K2. The total length of the assembly is K1 + K2. The shaft has a diameter Ød2 and the hub has a diameter ØS5. The shaft is labeled I3 and the hub is labeled I1. The shaft is labeled H6 and the hub is labeled ØKH9. The drawing also shows a dimension EM with a tolerance of +0.2/-0.8.

*带安装螺栓

Technical drawing of a square plate with four circular holes. Dimensions include overall width $B2 \ h_{14}$, overall height DE , hole diameter $DTG1$, hole spacing $B1 \ H_{14}$, and a tolerance $T \pm 0.2$.

Technical drawing of a mechanical part showing a cross-section with dimensions and tolerances. The drawing includes the following specifications:

- Overall length: $FL \pm 0.2$
- Dimension h (indicated by a horizontal arrow)
- Dimension $H_{1/2}$ (indicated by a vertical arrow)
- Dimension $\varnothing d1$ (indicated by a horizontal arrow)
- Dimension $\varnothing d3$ (indicated by a horizontal arrow)
- Dimension $l_2 \pm 0.5$ (indicated by a horizontal arrow)
- Dimension H (indicated by a vertical arrow)
- Dimension $L_1 \pm 0.2$ (indicated by a horizontal arrow)
- Dimension $\varnothing d2$ (indicated by a horizontal arrow)
- Surface finish: R (indicated by a circular symbol)
- Surface finish: SR (indicated by a circular symbol)
- Surface finish: $CNF7$ (indicated by a circular symbol)
- Dimension $B3 \pm 0.2$ (indicated by a horizontal arrow)

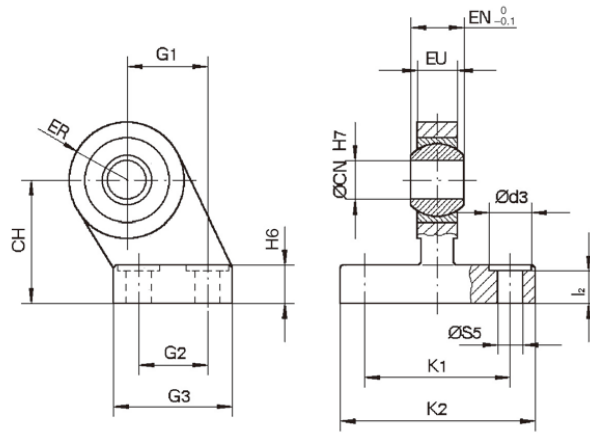
*黑色

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欧洲标准气缸：CP96系列

外形尺寸图（毫米）

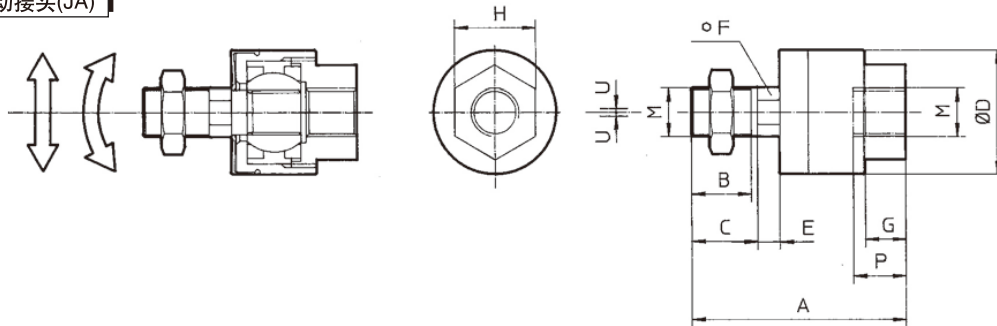
双耳带耳环座(ES)



缸径 (mm)	双耳环带耳环座(ES)														
	零件号*	ød3	øCN	øS5	K1	K2 最大	l2	G1	G2	G3 最大	EN	EU	CH	H6	ER 最大
32	ES5032	11	10	6.6	38	51	8.5	21	18	31	14	10.5	32	10	15
40	ES5040	11	12	6.6	41	54	8.5	24	22	35	16	12	36	10	18
50	ES5050	15	16	9	50	65	10.5	33	30	45	21	15	45	12	20
63	ES5063	15	16	9	52	67	10.5	37	35	50	21	15	50	12	23
80	ES5080	18	20	11	66	86	11.5	47	40	60	25	18	63	14	27
100	ES5100	18	20	11	76	96	12.5	55	50	70	25	18	71	15	30
125	ES5125	20	30	13.5	94	124	17	70	60	90	37	25	90	20	40

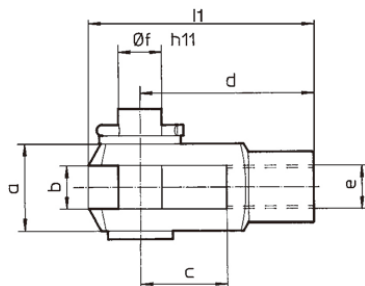
*黑色

浮动接头(JA)

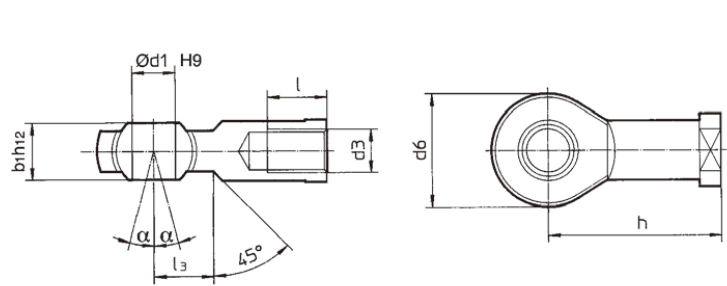


缸 径 (mm)	浮动接头 (JA)														
	零件号	M	A	B	C	øD	E	F	G	H	P	U	负载 (kN)	质量 (g)	角度
32	JA30-10-125	M10 x 1.25	49.5	19.5	—	24	5	8	8	17	9	0.5	2.5	70	±0.5°
40	JA40-12-125	M12 x 1.25	60	20	—	31	6	11	11	22	13	0.75	4.4	160	
50,63	JA50-16-150	M16 x 1.5	71.5	22	—	41	7.5	14	13.5	27	15	1	11	300	
80,100	JAH50-20-150	M20 x 1.5	101	28	31	59.5	11.5	24	16	32	18	2	18	1080	
125	JA125-27-200	M27 x 2	123	34	38	66	13	27	20	41	24	2	28	1500	

Y型双肘节接头(GKM)



I型单肘节接头(KJ)



缸径 (mm)	Y型双肘节接头GKM (ISO 8140),带螺栓和安全装置										I型单肘节接头KJ(ISO 8139)									
	零件号*	e	b	d	Øf h11 (轴)	Øf h9 (孔)	l1	c 最小	a 最大	零件号	d3	Ød1 H9	h	d6 最大	b1 h12	l 最小	α	ls		
32	GKM10-20	M10 x 1.25	10 ^{+0.5 -0.15}	40	10	10	52	20	20	KJ10D	M10 x 1.25	10	43	28	14	20	4°	15		
40	GKM12-24	M12 x 1.25	12 ^{+0.5 -0.15}	48	12	12	62	24	24	KJ12D	M12 x 1.25	12	50	32	16	22	4°	17		
50,63	GKM16-32	M16 x 1.5	16 ^{+0.5 -0.15}	64	16	16	83	32	32	KJ16D	M16 x 1.5	16	64	42	21	28	4°	23		
80,100	GKM20-40	M20 x 1.5	20 ^{+0.5 -0.15}	80	20	20	105	40	40	KJ20D	M20 x 1.5	20	77	50	25	33	4°	27		
125	GKM30-54	M27 x 2	30 ^{+0.5 -0.15}	110	30	30	148	54	55	KJ27D	M27 x 2	30	110	70	37	51	4°	36		

*带安装销