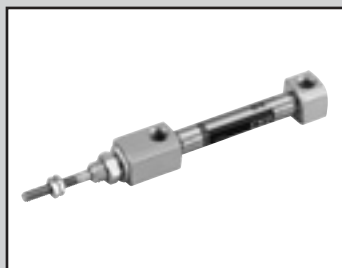


笔形气缸 双作用·单活塞杆型

SCPD3-P4/P40-HP1 Series

● 缸径：φ6·φ10·φ16

JIS 符号



规格

项目	SCPD3-P4/P40-HP1 SCPD3-L-P4/P40-HP1 (带开关)			
	φ6	φ10	φ10	φ16
缸径 mm	φ6	φ10	φ10	φ16
动作方式	双作用型			
使用流体	压缩空气			
最高使用压力 MPa	1.0			
最低使用压力 MPa	0.15		0.1	
耐压力 MPa	1.6			
环境温度 °C	-10~60(但是, 不得冻结)			
配管口径	M5			
行程允许误差 mm	+1.0 0			
使用活塞速度 mm/s	50~750			
缓冲	橡胶缓冲			
给油	不可			
允许吸收能量 J	0.012	0.041		0.162

行程

缸径 (mm)	标准行程 (mm)	最大行程 (mm)	最小行程 (mm)
φ6	15·30·45·60	100	5
φ10		150	
φ16		150	

注：关于中间行程，可按每1mm为单位进行制作。

开关安装部件型号表示方法

P4	SCPD3-T-[缸径]
P40	SCPD3-T-[缸径]-P40

P4安装部件型号表示方法

缸径 (mm)	φ6	φ10	φ16
脚座(LS)	P2-LS-6	P2-LS-10	P2-LS-16
法兰 (FA)	P2-FA-6	P2-FA-10	P2-FA-16

注：脚座 (LS) 型安装支架为1个一套。

P40安装部件型号表示方法

缸径 (mm)	φ6	φ10	φ16
脚座(LS)	P2-LS-6-P40	P2-LS-10-P40	P2-LS-16-P40
法兰 (FA)	P2-FA-6-P40	P2-FA-10-P40	P2-FA-16-P40

注：脚座 (LS) 型安装支架为1个一套。

关于外形尺寸图，请参阅《空压气缸综合I》(样本编号：CB-029SC)的SCPD3系列。

型号表示方法

不带开关（无开关用磁环）

注5

SCPD3 - 00 - 10 - 15 - O - P40 Y - HP1

带开关（内置开关用磁环）

SCPD3-L - 00 - 10 - 15 - O - SW11 - R - P4 P40 Y - HP1

A 机种型号

B 安装方式
注1

C 缸径

D 行程

E 后端气口方向
注1

F 开关型号
注2、注4

G 开关数

H 附件
注3

符号	内容		
A 机种型号			
SCPD3	双作用型		
SCPD3-L	双作用型·带开关		
B 安装方式			
缸径(φ)			
	6	10	16
00	基本型	●	●
LS	单侧轴向脚座型(前端)	●	●
FA	前端法兰型	●	●
CB	双耳环型(带销和挡圈)		●
C 缸径(mm)			
6	φ6		
10	φ10		
16	φ16		
D 行程(mm)			
缸径	行程	中间行程	
φ6	5~100	每1mm	
φ10	5~150		
φ16	5~150		
E 后端气口方向			
无符号	垂直方向		
O	轴向		
F 开关型号			
开关型号 请参阅第198~201页的对应表。			
G 开关数			
R	前端带1个		
H	后端带1个		
D	带2个		
T	带3个		
H 附件			
缸径(φ)			
	6	10	16
I	单耳环连接件		●
Y	双耳环连接件(带销和挡圈)		●
B1	单耳环支撑件		●
B2	双耳环支撑件		●

型号选择时的注意事项

注1：气口方向为“O”轴向时，安装方式“CB”无法制作。


注2：不带开关规格未组装磁环。

注3：无法同时选择“I”“Y”。

注4：开关附带在产品中发货。

注5：不带开关时，HP1对应P4规格

关联产品

调速阀				
型号	外观	配管口径 (Rc或R)	适用气管外径	
		M5	4(φ4)	6(φ6)
SC3W-M5-※-P4		●	●	●

※中请填写适用气管外径的符号。

详情请参阅《二次电池对应元件 P4※系列》(样本编号：CC-1226C)。

SCPD3
CMK2
SCM
SSD2
MDC2
MSD
MSDG-L
SMG
LCR
LCG
STM
STG
STR2
SCPD3
CMK2
SCM
SCG
SSD2
SMG
LCR
STG
STS
STL
LSH-A
LSH-G
LSH-F
LSHL-A
LSHL-G
LSHL-F
LSHM-A
LSHM-G
LSHM-F
LST
LSTM
ABP2
SCPD3
CMK2
SCM
SSD2
MSD
MSDG-L
SMG
STG
LCR
LCG
STR2
LSH-A
LSH-G
LSH-F
LSHL-A
LSHL-G
LSHL-F
SCPD3
CMK2
SCM
SCG
SSD2
STG

长寿命
耐环境
线性导线卡爪
薄型长行程卡爪
增压器
用于二次电池制造工序
用于食品制造工序

开关对应表 (直线导线伸出型)

注1：气缸搭载型号为下表中的订购型号。
 注2：开关单体型号是在下表开关基本型号末尾加 -P4。
 注3：带※产品为带树脂接插件规格。

长寿命气缸

对应机种	形状	T形																																
订购型号	SW69	SW28	SWAK	SW17	SW29	SW27	SW11	SW18	SW12	SW13	SW49	SW21	SW22	SW23	SW40	SW39	SW47	SWAG	SWAJ	SWBK	SWBL	SW19	SWBW	SWCC	SWAN	SWCU	SWCV	SWCZ	SWAQ	SWBE	SW31	SW38	SW32	SW33
基本型号	TOH	TOH3	TOH5	T5H	T5H3	T5H5	T2H	※T2H	T2H3	T2H5	T2HR3	T3H	T3H3	T3H5	T2WH	※T2WH	T2WH3	T2WH5	T3WH	T3WH3	T3WH5	T8H	T8H3	T8H5	T1H	T1H3	T1H5	T3PH	T3PH3	T3PH5	T2YH	※T2YH	T2YH3	T2YH5

耐环境气缸

气缸型号																																				
SCPD3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
CMK2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SCM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SSD2 (φ12·φ16)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						●	●	●						
SSD2 (φ20·φ25)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●
SSD2 (φ32)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●
SSD2 (φ40)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

线性导轨卡爪

MSD																																				
MSDG-L																																				
SMG																																				
STG	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
STM																																				

薄型长行程卡爪

LST																																				
LSTM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						●	●	●						
LCG (φ12以下)																																				
LCG (φ16以上)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						●	●	●						

增压器

ABP2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						●	●	●						
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	---	---	---	--	--	--	--	--	--

用于二次电池制造工序

STR2																																				
LSH-HP1							●	●	●	●		●	●	●														●	●	●						

用于食品制造工序

SCPD3																																					
CMK2																																					
SCM																																					
SCG																																					
SSD2																																					
STG																																					

开关对应表

直线导线伸出型

	T形						F形										K形																														
	SW41	SW42	SW43	SWDU	SWDV	SWDW	SWAL	SWEA	SW81	SW89	SW82	SW85	SW86	SWEE	SWEF	SWBV	SW79	SWBD	SWEN	SWCA	SW59	SWCD	SWCG	SWCH	SW58	SW51	SW52	SW53	SW61	SW62	SW63	SWFG	SWFM	SWFN	SW67	SW57	SWAR	SWFP	SWBA	SWFT	SWFU						
	T3YH	T3YH3	T3YH5	T2JH	T2JH3	T2JH5	FOH	FOH3	F2H	*F2H	F2H3	F3H	F3H3	F3PH	F3PH3	F2YH	F2YH3	F3YH	F3YH3	KOH	KOH3	KOH5	K5H	K5H3	K5H5	K2H	K2H3	K2H5	K3H	K3H3	K3H5	K3PH	K3PH3	K3PH5	K2YH	*K2YH	K2YH3	K2YH5	K3YH	K3YH3	K3YH5						
	●	●	●	●	●	●																																									
	●	●	●	●	●	●																																									
	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●																											
	●	●	●	●	●	●																																									
							●	●	●	●	●	●	●	●	●	●	●	●	●	●																											
							●	●	●	●	●	●	●	●	●	●	●	●	●	●																											
	●	●	●	●	●	●															●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
									●	●	●	●	●	●	●	●	●	●	●	●																											
									●	●	●	●	●	●	●	●	●	●	●	●																											
																					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
									●	●	●	●	●	●	●																																

- SCPD3
- CMK2
- SCM
- SSD2
- MDC2
- MSD
- MSDG-L
- SMG
- LCR
- LCG
- STM
- STG
- STR2
- SCPD3
- CMK2
- SCM
- SCG
- SSD2
- SMG
- LCR
- STG
- STS
- STL
- LSH-A
- LSH-G
- LSH-F
- LSHL-A
- LSHL-G
- LSHL-F
- LSHM-A
- LSHM-G
- LSHM-F
- LST
- LSTM
- ABP2
- SCPD3
- CMK2
- SCM
- SSD2
- MSD
- MSDG-L
- SMG
- STG
- STM
- LCR
- LCG
- STR2
- LSH-A
- LSH-G
- LSH-F
- LSHL-A
- LSHL-G
- LSHL-F
- SCPD3
- CMK2
- SCM
- SCG
- SSD2
- STG

长寿命
耐环境
线性导轨卡爪
薄型长行程卡爪
空气增压器
用于二次电池制造工序
用于食品制造工序

开关对应表 (L形导线伸出型)

注 1 : 气缸搭载型号为下表中的订购型号。
 注 2 : 开关单体型号是在下表开关基本型号末尾加 -P4。
 注 3 : 带※产品为带树脂接插件规格。

长寿命气缸
 耐环境气缸
 线性导轨卡爪
 薄型长行程卡爪
 增压器
 用于二次电池制造工序
 用于食品制造工序

对应機種	形状	T形																																		
		订购型号	SW70	SWBG	SWBH	SW20	SWBJ	SW30	SW14	SW15	SW16	SW24	SW25	SW26	SW37	SW48	SWAH	SWBM	SWBN	SWBP	SWDK	SWDL	SWDM	SWCW	SWCY	SWCX	SWDE	SWAS	SWDF	SW34	SW35	SW36	SW44	SW45	SW46	
订购型号	基本型号	T0V	T0V3	T0V5	T5V	T5V3	T5V5	T2V	T2V3	T2V5	T3V	T3V3	T3V5	T2WV	T2WV3	T2WV5	T3WV	T3WV3	T3WV5	T8V	T8V3	T8V5	T1V	T1V3	T1V5	T3PV	T3PV3	T3PV5	T2YV	T2YV3	T2YV5	T3YV	T3YV3	T3YV5		
气缸型号																																				
SCP3	SCP3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																
CMK2	CMK2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SCM	SCM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SSD2	SSD2 (φ12·φ16)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●							
SMG	SSD2 (φ20·φ25)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●
LCR	SSD2 (φ32)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●
STG	SSD2 (φ40)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
STL	MSD																																			
LSH-A	MSDG-L																																			
LSH-G	SMG																																			
LSH-F	STG	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LSHL-A	STM																																			
LSHL-G	LCR (φ12以下)																																			
LSHL-F	LCR (φ16以上)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●							
LSHM-A	LCG (φ12以下)																																			
LSHM-G	LCG (φ16以上)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●							
LSHM-F	STR2																																			
LSHM-A	LSH-HP1							●	●	●	●	●	●														●	●	●							

开关对应表

L形导线伸出型

	T 形			F 形											K 形																																	
	SWDY	SWDX	SWDZ	SWAM	SWEB	SWAP	SWBB	SW83	SW84	SWBZ	SWED	SW87	SW88	SWEG	SWEH	SWEK	SWEL	SWEP	SWEQ	SWCB	SWCE	SWCF	SWAX	SWCJ	SWCK	SW54	SW55	SW56	SW64	SW65	SW66	SWGP	SWGQ	SWGR	SWBU	SW68	SWFR	SWFV	SWFW	SWFY								
	T2JV	T2JV3	T2JV5	FOV	FOV3	F2S	F2S3	F2V	F2V3	F3S	F3S3	F3V	F3V3	F3PV	F3PV3	F2YV	F2YV3	F3YV	F3YV3	KOV	KOV3	KOV5	K5V	K5V3	K5V5	K2V	K2V3	K2V5	K3V	K3V3	K3V5	K3PV	K3PV3	K3PV5	K2YV	K2YV3	K2YV5	K3YV	K3YV3	K3YV5								
	●	●	●																																													
	●	●	●																																													
									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	●	●	●																																													
	●	●	●																																													
				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	●	●	●																																													

- | | |
|--------|------------|
| SCPD3 | 长寿命气缸 |
| CMK2 | |
| SCM | |
| SSD2 | |
| MDC2 | |
| MSD | |
| MSDG-L | 耐环境气缸 |
| SMG | |
| LCR | |
| LCG | 线性导轨卡爪 |
| STM | |
| STG | |
| STR2 | 薄型长行程卡爪 |
| SCPD3 | |
| CMK2 | |
| SCM | |
| SCG | |
| SSD2 | |
| SMG | |
| LCR | 增空气 |
| STG | |
| STS | 用于二次电池制造工序 |
| STL | |
| LSH-A | |
| LSH-G | |
| LSH-F | |
| LSHL-A | |
| LSHL-G | |
| LSHL-F | |
| LSHM-A | |
| LSHM-G | |
| LSHM-F | 用于食品制造工序 |
| LST | |
| LSTM | |
| ABP2 | |
| SCPD3 | |
| CMK2 | |
| SCM | |
| SSD2 | |
| MSD | |
| MSDG-L | |
| SMG | |
| STG | |
| STM | |
| LCR | |
| LCG | |
| STR2 | |
| LSH-A | |
| LSH-G | |
| LSH-F | |
| LSHL-A | |
| LSHL-G | |
| LSHL-F | |
| SCPD3 | |
| CMK2 | |
| SCM | |
| SCG | |
| SSD2 | |
| STG | |