ZP2 B15ZJ-S

Order Code 订货型号



ZP2 | B15 | ZJ | — | S

Symbol 符号	Pad diameter 垫直径
B15	Φ15
B20	Φ20
B30	Φ30
40	Φ40
46	Φ46

Pad form 板形式	
Symbol 符号	Form 形式
ZJ	Bellows type(4.5-stage) 风箱式（4.5 阶级）

Pad material 垫材料									
Symbol 符号	Material 材料			Applicable pad diameter 适用垫直径				
				Φ15	Φ20	Φ30	Φ40	Φ46
N	NBR			-	-	-	√	√
U	Urethane rubber 聚氨酯橡胶			-	-	-	√	√
F	FKM			-	-	-	√	√
GN	Conductive NBA 导电 NBA			-	-	-	√	√
GS	Conductive silicone rubber(Black)导电硅橡胶（黑色）			√	√	√	-	-
S	Silicone rubber(White)橡胶（白色）	Rubber hardness(Shore A:±5°)橡胶硬度（邵氏A：±5°）	40	-	-	-	√	√
			50					
S6	Silicone rubber High-hardness type(White) 硅橡胶高硬度型（白色）		60	√	√	√	-	-

ZP2-T B15ZJSA10-06

Order Code 订货型号

ZP2 - T | B15 | ZJ | S | A10 - 06



Symbol 符号	Pad diameter 垫直径
B15	Φ15
B20	Φ20
B30	Φ30
40	Φ40
46	Φ46

Pad form 板形式	
Symbol 符号	Form 形式
ZJ	Bellows type(4.5-stage)风箱式（4.5 阶级）

Type	Symbol	Size	Φ15	Φ20	Φ30	Φ40	Φ46
Short thread	A10	M10×1	√	√	-	-	-
	A16	M16×1.5	-	-	√	-	-
	A20	M20×1.5	-	-	-	√	-
	A30	M30×1.5	-	-	-	-	√
One-touch fitting	AL12	M12×1	√	√	-	-	-
	AL14	M14×1	-	-	√	√	√

Pad material 垫材料								
Symbol 符号	Material 材料			Applicable pad diameter 适用垫直径				
				Φ15	Φ20	Φ30	Φ40	Φ46
N	NBR			-	-	-	√	√
U	Urethane rubber 聚氨酯橡胶			-	-	-	√	√
F	FKM			-	-	-	√	√
GN	Conductive NBA 导电 NBA			-	-	-	√	√
GS	Conductive silicone rubber(Black) 导电硅橡胶（黑色）			√	√	√	-	-
S	Silicone rubber(White)橡胶（白色）	Rubber hardness(Shore A:±5°)橡胶硬度（邵氏A：±5°）	40	-	-	-	√	√
			50					
S6	Silicone rubber High-hardness type(White)硅橡胶高硬度型（白色）		60	√	√	√	-	-

Symbol 符号	Vacuum inlet 真空入口	Connection thread 连接螺纹					
		A10	A16	A20	A30	AL12	AL14
Nil	Short thread	√	√	√	√	-	-
06	One-touch fitting(Φ6)	-	-	-	-	√	√

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ZP2-03UN

Order Code 订货型号



ZP2 － 03 U N

Pad diameter

Symbol	Pad diameter	Blast type
03	ø3	—
B04	ø4	●
05	ø5	—
06	ø6	—
B06	ø6	●
07	ø7	—
B08	ø8	●

Pad material

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

Pad type—Pad diameter

Pad type \ Pad diameter (Symbol)	03	B04	05	06	B06	07	B08
U (Flat)	●	●	—	—	—	—	—
C (Flat with rib)	—	—	—	—	●	●	●
UT (Thin flat)	—	—	●	●	—	—	
B (Bellows)	—	—	—	—	●	—	●

ZP2-B02 MU N

Order Code 订货型号



ZP2 － B02 MU N

Pad material

Symbol	Pad diameter	Blast type
B02	ø2	●
B035	ø3.5	●
B04	ø4	●
B05	ø5	●
B06	ø6	●
B08	ø8	●
B10	ø10	●
B15	ø15	●

Pad diameter

Symbol	Type
MU	Flat

Pad type

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

ZP2-B02 EU N

Order Code 订货型号

ZP2 － B02 EU N



Symbol	Pad diameter	Blast type
B02	ø2	●
B04	ø4	●
B06	ø6	●
8	ø8	—
15	ø15	—

Symbol	Type
EU	Flat

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

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ZP2-T B02 MU N A3

Order Code 订货型号

ZP2 – T B02 MU N A3

Symbol	Direction
T	Vertical

Symbol	Type
MU	Flat

Symbol	Pad diameter	Blast type
B02	ø2	●
B035	ø3.5	●
B04	ø4	●
B05	ø5	●
B06	ø6	●
B08	ø8	●
B10	ø10	●
B15	ø15	●

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

Model	Pad unit part no.	Adapter part no.
ZP2-TB02MU⑤-A3	ZP2-B02MU⑤	ZP2A-M01P
ZP2-TB035MU⑤-A3	ZP2-B035MU⑤	
ZP2-TB04MU⑤-A3	ZP2-B04MU⑤	
ZP2-TB05MU⑤-A3	ZP2-B05MU⑤	
ZP2-TB06MU⑤-H5	ZP2-B06MU⑤	ZP2A-M02P
ZP2-TB08MU⑤-H5	ZP2-B08MU⑤	
ZP2-TB10MU⑤-H5	ZP2-B10MU⑤	
ZP2-TB15MU⑤-H5	ZP2-B15MU⑤	
ZP2-TB06MU⑤-B5	ZP2-B06MU⑤	ZP2A-M04
ZP2-TB08MU⑤-B5	ZP2-B08MU⑤	
ZP2-TB10MU⑤-B5	ZP2-B10MU⑤	
ZP2-TB15MU⑤-B5	ZP2-B15MU⑤	



Thread size \ Pad diameter (Symbol)	B02	B035	B04	B05	B06	B08	B10	B15
A3 (M3 x 0.5 Male thread)	●	●	●	●	—	—	—	—
H5 (M5 x 0.8 Male thread)	—	—	—	—	●	●	●	●
B5 (M5 x 0.8 Female thread)	—	—	—	—	●	●	●	●

ZP2-T B02 EU N A5

Order Code 订货型号

ZP2 – T B02 EU N A5



Symbol	Direction
T	Vertical

Symbol	Type
EU	Flat

Symbol	Thread size	Adapter type
A5	M5 x 0.8	Hexagon O.D.
H5	M5 x 0.8	Hexagon socket head

Symbol	Pad diameter	Blast type
B02	ø2	●
B04	ø4	●
B06	ø6	●
8	ø8	—
15	ø15	—

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

Model	Pad unit part no.	Adapter part no.
ZP2-TB02EU⑤-A5	ZP2-B02EU⑤	ZP2A-Z01P
ZP2-TB04EU⑤-A5	ZP2-B04EU⑤	
ZP2-TB06EU⑤-A5	ZP2-B06EU⑤	
ZP2-T08EU⑤-A5	ZP2-08EU⑤	
ZP2-T15EU⑤-A5	ZP2-15EU⑤	
ZP2-TB02EU⑤-H5	ZP2-B02EU⑤	ZP2A-Z02P
ZP2-TB04EU⑤-H5	ZP2-B04EU⑤	
ZP2-TB06EU⑤-H5	ZP2-B06EU⑤	
ZP2-T08EU⑤-H5	ZP2-08EU⑤	
ZP2-T15EU⑤-H5	ZP2-15EU⑤	

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ZP2-B10 MT N

Order Code 订货型号

ZP2 － B10 MT N



Symbol	Pad diameter	Blast type
B10	ø10	●
B15	ø15	●
B20	ø20	●
B25	ø25	●
B30	ø30	●

Symbol	Type
MT	Thin flat (With groove)

Symbol	Material
N	NBR
S	Silicone rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

ZP2-T B10 MT N H5

Order Code 订货型号

ZP2 － T B10 MT N H5



Symbol	Direction
T	Vertical

Symbol	Type
MT	Thin flat (With groove)

Model	Pad unit part no.	Adapter part no.
ZP2-TB10MT⑤-H5	ZP2-B10MT⑤	ZP2A-M02
ZP2-TB15MT⑤-H5	ZP2-B15MT⑤	
ZP2-TB20MT⑤-H5	ZP2-B20MT⑤	ZP2A-M03
ZP2-TB25MT⑤-H5	ZP2-B25MT⑤	
ZP2-TB30MT⑤-H5	ZP2-B30MT⑤	
ZP2-TB10MT⑤-B5	ZP2-B10MT⑤	ZP2A-M04
ZP2-TB15MT⑤-B5	ZP2-B15MT⑤	

Symbol	Pad diameter	Blast type
B10	ø10	●
B15	ø15	●
B20	ø20	●
B25	ø25	●
B30	ø30	●

Symbol	Material
N	NBR
S	Silicone rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

Thread size \ Pad diameter (Symbol)	B10	B15	B20	B25	B30
H5 (M5 x 0.8 Male thread)	●	●	●	●	●
B5 (M5 x 0.8 Female thread	●	●	—	—	—

ZP2-B04 MB N

Order Code 订货型号



ZP2 － B04 MB N

Symbol	Pad diameter	Blast type
B04	ø4	●
B06	ø6	●
B08	ø8	●
B10	ø10	●
B15	ø15	●
B20	ø20	●

Symbol	Type
MB	Bellows

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

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ZP2-T B04 MT N A3

Order Code 订货型号

ZP2 － T B04 MT N A3



Symbol	Direction
T	Vertical

Symbol	Type
MT	Thin flat (With groove)

Symbol	Pad diameter	Blast type
B04	ø4	●
B06	ø6	●
B08	ø8	●
B10	ø10	●
B15	ø15	●
B20	ø20	●

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

Pad diameter (Symbol) / Thread size	B04	B06	B08	B10	B15	B20
A3 (M3 x 0.5 Male thread)	●	—	—	—	—	—
H5 (M5 x 0.8 Male thread)	—	●	●	●	●	●
B5 (M5 x 0.8 Female thread)	—	●	●	—	—	—

Model	Pad unit part no.	Adapter part no.
ZP2-TB04MBⓈ-A3	ZP2-B04MBⓈ	ZP2A-M01P
ZP2-TB06MBⓈ-H5	ZP2-B06MBⓈ	ZP2A-M02P
ZP2-TB08MBⓈ-H5	ZP2-B08MBⓈ	ZP2A-M05
ZP2-TB10MBⓈ-H5	ZP2-B10MBⓈ	ZP2A-M06
ZP2-TB15MBⓈ-H5	ZP2-B15MBⓈ	ZP2A-M04
ZP2-TB20MBⓈ-H5	ZP2-B20MBⓈ	ZP2A-M01P
ZP2-TB06MBⓈ-B5	ZP2-B06MBⓈ	ZP2A-M02P
ZP2-TB08MBⓈ-B5	ZP2-B08MBⓈ	

ZP2-02 ZJN

Order Code 订货型号

ZP2 － 02 ZJ N



Symbol	Pad diameter
02	ø2
04	ø4
05	ø5
06	ø6

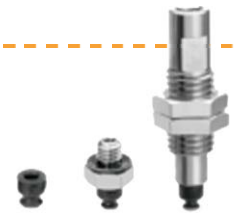
Symbol	Type
ZJ	Bellows

Symbol	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

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ZP3-T015 UNJ

Order Code 订货型号



Pad unit	ZP3	–			015	U	N					
With adapter	ZP3		–	T	015	U	N	–		A3	–	
With buffer	ZP3		–	T	015	U	N	J	3		–	B3
		1		2	3	Flat type	4	5	6	7		8

1	Adapter material
Nil	Brass
S	Stainless steel(Stainless steel304)

2	Vacuum inlet direction
Nil	Pad unit
T	Vertical
Y	Lateral

3	Pad diameter
015	Φ1.5
02	Φ2
035	Φ3.5

4	Material
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

5	Buffer specification
J	Rotating
K	Non-rotating

6	Buffer stroke
Stroke(mm)	Pad diameter
	All sizes
3	√
6	√

With adapter

7 Connection thread			8 8:Vacuum inlet			Pad diameter
Type	Symbol	Size	Type	Symbol	Size	All sizes
Male thread	A3	M3×0.5	-	Nil	-	○
	A6	M6×0.75	Female thread	B3	M3×0.5	○
			One-touch fitting	02	Φ2	○
				04	Φ4	○
			Barb fitting	U2	For Φ2 polyurethane tubing	○
				U4	For Φ4 soft tubing	○
Female thread	B3	M3×0.5	-	Nil	-	○
			Female thread	B3	M3×0.5	√
			One-touch fitting	02	Φ2	√
				04	Φ4	√
			Barb fitting	U2	For Φ2 polyurethane tubing	√
				U4	For Φ4soft tubing	√

With buffer

8 8:Vacuum inlet		
Type	Symbol	Size
Female thread	B3	M3×0.5
One-touch fitting	02	Φ2
	04	Φ4
Barb fitting	U2	For Φ2 polyurethane tubing
	U4	For Φ4soft tubing

Note: ○-Vertical

√-Lateral

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ZP3-T04UMNJ

Order Code 订货型号



Pad unit	ZP3	—		04	UM	N				
With adapter	ZP3		—	T	04	UM	N	—	A5	—
With buffer	ZP3		—	T	04	UM	N	J	3	— B5
		①		②	③	④	⑤	⑥	⑦	⑧

Flat type with groove

① Adapter material	
Nil	Brass
S	Stainless steel(Stainless steel304)

② Vacuum inlet direction	
Nil	Pad unit
T	Vertical
Y	Lateral

③ Pad diameter	
04	Φ4
06	Φ6
08	Φ8
10	Φ10
13	Φ13
16	Φ16

④ Material	
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber
HS	Semi conductive silicone rubber

With buffer

⑧ Vacuum inlet

Type	Symbol	Size	Pad diameter(mm)	
			Φ4 to Φ8	Φ10 to Φ16
Female thread	B5	M5×0.8	○√	○√
One-touch fitting	02	Φ2	○√	○√
	04	Φ4	○√	○√
	06	Φ6	--	○√
Barb fitting	U2	For Φ2 polyurethane tubing	○√	○√
	U4	For Φ4 soft tubing	○√	○√
	U6	For Φ6 soft tubing	-	○√

⑥ Buffer stroke

Stroke (mm)	Buffer specification		
	J	JB	K
3	√	-	√
6	√	-	√
10	√	-	√
15	-	√	√
20	-	√	√

⑤ Buffer specification

J	Rotating
JB	Rotating,With bushing
K	Non-rotating

Note: ○-Vertical

√-Lateral

With adapter

⑦ Connection thread			⑧ Vacuum inlet			Pad diameter(mm)	
Type	Symbol	Size	Type	Symbol	Size	Φ4 to Φ8	Φ10 to Φ16
Male thread	A5	M5×0.8	-	Nil	Use the connection thread	○	○
	A10	M10×1	Female thread	B5	M5×0.8	○	-
			One-touch fitting	02	Φ2	○	-
				04	Φ4	○	-
			Barb fitting	U2	For Φ2 polyurethane tubing	○	-
				U4	For Φ4 soft tubing	○	-
	A12	M12×1	Female thread	B5	M5×0.8	-	○
			One-touch fitting	02	Φ2	-	○
				04	Φ4	-	○
				06	Φ6	-	○
			Barb fitting	U2	For Φ2 polyurethane tubing	-	○
				U4	For Φ4 soft tubing	-	○
				U6	For Φ6 soft tubing	-	○
Female thread	B5	M5×0.8	-	Nil	Use the connection thread	○	○
			Female thread	B5	M5×0.8	√	√
			One-touch fitting	02	Φ2	√	√
				04	Φ4	√	√
				06	Φ6	-	√
			Barb fitting	U2	For Φ2 polyurethane tubing	√	√
				U4	For Φ4 soft tubing	√	√
				U6	For Φ6 soft tubing	-	√

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ZP3-T04BNJ

Order Code 订货型号



Pad unit	ZP3	-	04	B	N					
With adapter	ZP3		T	04	B	N		A5		
With buffer	ZP3	-	T	04	B	N	J	3	-	B5
		1	2	3	Bellows type	4	5	6	7	8

1 Adapter material	
Nil	Brass
S	Stainless steel(Stainless steel304)

2 Vacuum inlet direction	
Nil	Pad unit
T	Vertical
Y	Lateral

3 Pad diameter	
04	Φ4
06	Φ6
08	Φ8

4 Material	
N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

With buffer

8 Vacuum inlet

Type	Symbol	Size	Pad diameter(mm)
			All sizes
Female thread	B5	M5×0.8	○√
One-touch fitting	02	Φ2	○√
	04	Φ4	○√
Barb fitting	U2	For Φ2 polyurethane tubing	○√
	U4	For Φ4 soft tubing	○√

6 Buffer stroke			
Stroke (mm)	Buffer specification		
	J	JB	K
3	√	-	√
6	√	-	√
10	√	-	√
15	-	√	√
20	-	√	√

5 Buffer specification	
J	Rotating
JB	Rotating,With bushing
K	Non-rotating

With adapter

7 Connection thread | 8 8:Vacuum inlet | Pad diameter

Type	Symbol	Size	Type	Symbol	Size	All sizes
Male thread	A5	M5×0.8	-	Nil	Use the connection thread	○
	A10	M10×1	Female thread	B5	M5×0.8	○
			One-touch fitting	02	Φ2	○
				04	Φ4	○
			Barb fitting	U2	For Φ2 polyurethane tubing	○
				U4	For Φ4 soft tubing	○
Female thread	B5	M5×0.8	-	Nil	Use the connection thread	○
			Female thread	B5	M5×0.8	√
			One-touch fitting	02	Φ2	√
				04	Φ4	√
			Barb fitting	U2	For Φ2 polyurethane tubing	√
				U4	For Φ4 soft tubing	√

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ZP3-T10BNJ

Order Code 订货型号



Pad unit	ZP3	–		10	B	N					
With adapter	ZP3		–	T	10	B	N		–	A5	–	
With buffer	ZP3		–	T	10	B	N	J	3	–	B5
		1		2	3		4	5	6	7	8

Bellows type with ribs

With buffer

8 Vacuum inlet

Type	Symbol	Size	Pad diameter(mm)
			All sizes
Female thread	B5	M5×0.8	○√
One-touch fitting	02	Φ2	○√
	04	Φ4	○√
Barb fitting	U2	For Φ2 polyurethane tubing	○√
	U4	For Φ4 soft tubing	○√

1 Adapter material

Nil	Brass
S	Stainless steel(Stainless steel304)

2 Vacuum inlet direction

Nil	Pad unit
T	Vertical
Y	Lateral

3 Pad diameter

10	Φ10
13	Φ13
16	Φ16

4 Material

N	NBR
S	Silicone rubber
U	Urethane rubber
F	FKM
GN	Conductive NBR
GS	Conductive silicone rubber

5 Buffer specification

J	Rotating
JB	Rotating,With bushing
K	Non-rotating

With adapter

7 Connection thread — 8 8:Vacuum inlet — Pad diameter

Type	Symbol	Size	Type	Symbol	Size	All sizes
Male thread	A5	M5×0.8	-	Nil	Use the connection thread	○
	A12	M12×1	Female thread	B5	M5×0.8	○
			One-touch fitting	02	Φ2	○
				04	Φ4	○
				06	Φ6	○
			Barb fitting	U2	For Φ2 polyurethane tubing	○
				U4	For Φ4 soft tubing	○
				U6	For Φ6 soft tubing	○
Female thread	B5	M5×0.8	-	Nil	Use the connection thread	○
			Female thread	B5	M5×0.8	√
			One-touch fitting	02	Φ2	√
				04	Φ4	√
				06	Φ6	√
			Barb fitting	U2	For Φ2 polyurethane tubing	√
				U4	For Φ4 soft tubing	√
				U6	For Φ6 soft tubing	√

6 Buffer stroke

Stroke (mm)	Buffer specification		
	J	JB	K
3	√	-	√
6	√	-	√
10	√	-	√
15	-	√	√
20	-	√	√

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ZH10DSA

Order Code 订货型号

ZH	10	D	S	A	06	-	06	-	08	

3:Port size

4:Accessories



Nozzle size 喷嘴尺寸	
05	Φ0.5mm
07	Φ0.7mm
10	Φ1.0mm
13	Φ1.3mm
15	Φ1.5mm
18	Φ1.8mm
20	Φ2.0mm

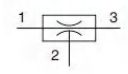
Body ported type 体孔型

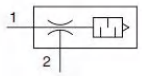
Vacuum pressure reached 达到真空压力		Note
S	-90kPa	ZH05 to 20
L	-48kPa	ZH05 to 13
	-66kPa	ZH15 to 20

One-touch fitting 招牌式拟合			
Metric size 公制尺寸		Inch size 英制尺寸	
06	Φ6	07	Φ1/4"
08	Φ8	09	Φ5/16"
10	Φ10	11	Φ3/8"
12	Φ12	13	Φ1/2"

Female thread 内螺纹			
Metric size 公制尺寸		Inch size 英制尺寸	
01	Rc1/8	N01	NPT1/8
02	Rc1/4	N02	NPT1/4
03	Rc3/8	N03	NPT3/8
04	Rc1/2	N04	NPT1/2
F01	G1/8		
F02	G1/4		
F03	G3/8		
F04	G1/2		

Symbol 标志	Standard bracket 标准支架	Silencer 消声器
Nil	√	×
N	×	×
S	√	√
NS	×	√





Specification 技术参数

Operating temperature 工作温度	-5 to 50° C
Fluid 使用流体	Air 空气
Applicable tubing material 适用油管材料	FEP,PFA,Nylon,Soft nylon,Polyurethane 聚全氟乙丙烯、PFA、尼龙,柔软的尼龙,聚氨酯
Operating pressure range 工作压力范围	0.1 to 0.6MPa

ZFC54-B

Order Code 订货型号

ZFC	5		4		-	B	-	

Symbol 符号	Body size 主体尺寸	Filtration are 过滤面积
1	5L/min	140mm²
3	10L/min	470mm²
5	20L/min	750mm²
7	100L/min	1260mm²



Applicable tubing O.D. /Metric size 适用油管外径/公制尺寸					
Symbol 符号	Applicable tubing O.D.	ZFC1	ZFC3	ZFC5	ZFC7
1	Φ2	√	-	-	-
2	Φ3.2	√	√	-	-
3	Φ4	-	√	√	√
4	Φ6	-	-	-	√
5	Φ8	-	-	-	√
6	Φ10	-	-	-	√
7	Φ12	-	-	-	√

Option 可选	
Nil	None 无
B	With bracket 带括号

Inch size 英制尺寸					
Symbol 符号	Applicable tubing O.D.	ZFC1	ZFC3	ZFC5	ZFC7
A	Φ1/8"	√	√	-	-
B	Φ5/32"	-	√	√	-
D	Φ1/4"	-	-	√	√
E	Φ5/16"	-	-	-	√
F	Φ3/8"	-	-	-	√

Specification 技术参数

Model		ZFC1		ZFC3		ZFC5		ZFC7			
Port size(Applicable tubing O.D.)适用油管外径	Metric size 公制尺寸	Φ2	Φ3.2	Φ3.2	Φ4	Φ4	Φ6	Φ6	Φ8	Φ10	Φ12
	Inch size 英制尺寸	-	Φ1/8"	Φ1/8"	Φ5/32"	Φ5/32"	Φ1/4"	Φ1/4"	Φ5/16"	Φ3/8"	-
Fluid 使用流体		Air,Nitrogen 空气，氮									
Operating pressure 操作压力		-100kPa to 1.0MPa(at 20° C)									
Flow rate(Positive pressure)(L/min) 流量（正压）		15	45	50	80	100	200	250	450	500	650
Flow rate(Vacuum pressure)(L/min) 流量（真空压力）		2	5	7	10	10	20	30	70	80	100
Proof pressure(MPa) 证明压力		1.5((at 20° C)									
Operating and ambient temperature range(° C) 工作和环境温度范围		0 to 60									
Filtration(μm)过滤		5(Filtration efficiency 95%)（过滤效率 95%）									
Element replacement differential pressure(MPa) 元件更换压差		0.1(Vacuum pressure 20kPa)（真空压力 20kPa）									
Filtration area(mm^2) 过滤面积		140		470		750		1260			
Applicable tubing material 适用油管材料		Nylon,Soft nylon,Polyurethane 尼龙，软尼龙，聚氨酯									
Weight(g)重量		2.5		4.5		10.5		20.0		25.0	
Internal capacity(cm3) 内部容量		0.5		1.7		4.5		6.0		7.0	
Total length(mm)总长度		45.0		60.5		53.9		68.3		79.6	
Total width(mm)总宽度		8.5		11.5		19.0		23.6			
Bracket total length(mm) 支架总长度		10.0		11.5		23.0		27.3			
Case material 案例材料		Polycarbonate 聚碳酸酯									

Vacuum suction cup

		
BT-3	BT-5	BT-6
		
BT-7	F-18	B-9-S

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Pneumatic Tube 气管

PU Tube

Order Code 订货型号



PU | 08 | 06 | - | 100M | - | BU

- PU → Series Code 系列号: PU:PU Tube /PU 管
- 08 → Tube O.D.
- 06 → Tube I.D.
- 100M → Length 长度: 100M:100m; 200M:200m
- BU → Color 颜色

Specification 技术参数

Material 材料	Polyester Polyurethane 聚酯型聚氨酯
Hardness 硬度	95A-98A
Fluid 使用流体	Air,Water 空气，水
Environment and fluid temperature 环境及流体温度	-20° C~80° C

Color 颜色

Tube Color 气管颜色								
Code 代号	C	B	BU	R	Y	G	W	O
Graphic 图示	Clear	Black	Blue	Red	Yellow	Green	White	Orange

PUC Coiling Tube

Order Code 订货型号



PUC | 08 | 06 | - | 10M | - | BU

- PUC → Series Code 系列号: PUC:PUC Coiling Tube /PUC 卷管
- 08 → Tube O.D.
- 06 → Tube I.D.
- 10M → Length 长度
- BU → Color 颜色

Specification 技术参数

Material 材料	Polyester Polyurethane 聚酯型聚氨酯
Hardness 硬度	95A-98A
Fluid admitted 使用流体	Air 空气
Environment and fluid temperature 环境及流体温度	-20° C~80° C

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Color 颜色

Tube Color 气管颜色								
Code 代号	C	B	BU	R	Y	G	W	O
Graphic 图示	Clear	Black	Blue	Red	Yellow	Green	White	Orange

PA Nylon Tube

Order Code 订货型号



PA - 08 - 06 - 100M - BU

Series Code 系列号
PA6:PA6 Nylon Tube PA6 尼龙管
PA12:PA12 Nylon Tube PA12 尼龙管
PA11:PA11 Nylon Tube PA11 尼龙管

Tube O.D.

Tube I.D.

Length 长度
100M:100mm
200M:200m

Color 颜色

Specification 技术参数

Model 型号	PA6	PA11	PA12
Material 材料	Nylon6	Nylon11	Nylon12
Hardness 硬度	64D	60D	60D
Fluid admitted 使用流体	Air,Water,Oil,Normal Solvents 空气，水，油，普通的溶剂		
Environment and fluid temperature 环境及流体温度	-40° C~100° C	-40° C~100° C	-40° C~90° C

Product Specification

Model 型号	Working Pressure 工作压力	Burst Pressure 爆破压力	Bending Radius 弯曲半径	Tensile Strength 拉伸强度	Wear Resistance 耐磨强度	Surface Hardness 表面硬度	Working Environment 工作环境
16*2	20C 3.2MPa/cm	20C 5.7MPa/cm	120mm	190KGF	45mg	65D±5	-35℃-120℃
14*1.5	20C 3.0MPa/cm	20C 4.8MPa/cm	76mm	125KGF	45mg	65D±5	-35℃-120℃
12*1.5	20C 3.2MPa/cm	20C 5.7MPa/cm	65mm	101KGF	45mg	65D±5	-35℃-120℃
10*1.25	20C 3.2MPa/cm	20C 5.7MPa/cm	60mm	70KGF	45mg	65D±5	-35℃-120℃
8*1	20C 3.2MPa/cm	20C 5.7MPa/cm	45mm	43KGF	45mg	65D±5	-35℃-120℃
6*1	20C 4.5MPa/cm	20C 8.0MPa/cm	36mm	34KGF	45mg	65D±5	-35℃-120℃
5*1	20C 5.5MPa/cm	20C 10.0MPa/cm	28mm	22KGF	45mg	65D±5	-35℃-120℃
4*0.75	20C 5.0MPa/cm	20C 9.2MPa/cm	18mm	13KGF	45mg	65D±5	-30℃-120℃

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Color 颜色

Tube Color 气管颜色								
Code 代号	C	B	BU	R	Y	G	W	O
Graphic 图示	Clear	Black	Blue	Red	Yellow	Green	White	Orange

PE Tube

Order Code 订货型号



PE - 08 - 05 - 100M - W

Series Code 系列号	Tube O.D.	Tube I.D.	Length 长度	Color 颜色
PE Tube	08	05	100M:100m 200M:200m	W

Specification 技术参数

Material 材料	Polyethylene 聚乙烯
Fluid admitted 使用流体	Air 空气
Environment and fluid temperature 环境及流体温度	-20° C~60° C

Color 颜色

Tube Color 气管颜色								
Code 代号	C	B	BU	R	Y	G	W	O
Graphic 图示	Clear	Black	Blue	Red	Yellow	Green	White	Orange

Oil Pipe

Order Code 订货型号



OEL - 02 - F

Series 系列	Thread Size 螺纹尺寸	Nozzle Type 喷头类型
OEL	01：G1/8 " 02：G1/4 " 03：G3/8 " 04：G1/2 "	O:Round 圆型 F:Flat 扁型

Specification 技术参数

Model 型号	OEL-01	OEL-02	OEL-03S 小	OEL-03S 大	OEL-04
Nozzle Type 喷头类型					
Thread Size 螺纹尺寸	1/8 "	1/4 "	3/8 "	3/8 "	1/2 "

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AIR GUN AR-TS/ DG-10 气枪

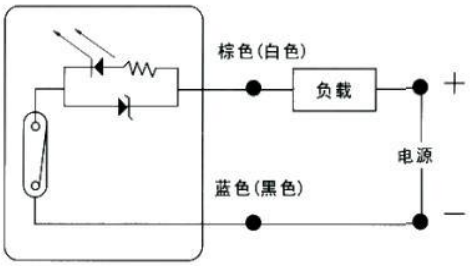


Specification 技术参数

Operating Fluid 工作液	Compressed air 压缩空气
Max Operating Pressure 最大耐压	10bar max
Operating Temperature 工作温度	Compressed air(dry)-20℃~+80℃ 压缩空气（干）-20℃~+80℃
Body material 机身材质	Body material: plastic 机身材质：塑料

Magnetic switch 磁感应开关
CS1 series magnet switch 系列磁性开关

Diagram 接线图





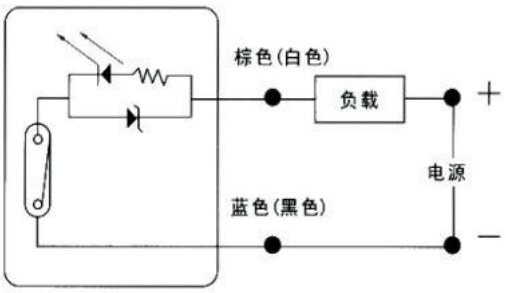
Specification 技术参数

Model 型号		CS1-F	CS1-U	CS2-S	CS3-J	CS4-G
Voltage range 使用电压范围		DC:5～240V AC:5V～380V	DC:5V～240V AC:5V～240V			
Current range 使用电流范围		DC:5～60V AC:5～50mA		DC:5～240V AC:5～40mA		
Response time 反应时间		Max.1ms			Max.0.3ms	
Impact resistance 抗冲击性		300m/s2(30G)				
Shockproof program 耐震程序		10～50Hz				
Temperature range 使用温度范围		0～60℃				
Protection level 保护等级		IP-67				
Indicator 指示灯		LED				
Cable length 电线长度		2M				
Life 寿命	1	5 million times 5 百万次				
	2	10 million times 1 千万次				

Model 型号	Cylinders 气缸系列	Accessories 附件
CS1-F	SC、MAL、MA、C85	Yes 有
CS1-U	SC、MAL、MA、C85	Yes 有
CS1-S	SC、MAL、MA、C85	Yes 有
CS1-J	SDA、TN	
CS1-G	CU、DNC、CXSW、CXS、MGPM、MGQM	

D series magnet switch 系列磁性开关

Diagram 接线图





Types of Magnetic switch 磁感应开关分类

Model 型号	Cylinders 气缸系列	Accessories 附件
C-C73	CDM2B、MA、C85、MAL	Yes 有
D-A54	CDRA1	
D-Z73	DNC、CXSW、CXS、MGPM、MGQM	
D-A93	CDQ2B、CDU、MK、CDQSB	
D-A73	CDQ2B、CDU、MK、CDQSB	

Specifications 技术参数

Inner size(mm) 内径		D-CT3	D-A54	D-Z73	D-A93	D-A73
Switch logic 开关逻辑		NO				
Inductive switch type 感应开关型式		Contact reed type 有接点磁簧管型				
Voltage 使用电压		5～120DC/AC				
Max switching current 最大开关电流		Max.100MA				
Max contact point capacity 最大接点容量		Max.10W				
Max contact point capacity 内部消耗电流		无				
Residual voltage drop 残留压降		Max.2.5V				
Leakage 漏		无				
Indicator 指示灯		红色 LED				
Cable length 电缆线长度		2M				
Sensitivity 感应灵敏度		60 高斯				
Max switching frequency 最大开关切换频率		1000Hz				
Temperature range 使用温度范围		-10～70				
Impact resistance 耐冲击性		30G				
Shock resistance 耐震动性		9G				
Protect level 防护等级		ip67				
Life 寿命	1	5 million times5 百万次				
	2	10 million times1 千万次				

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Pneumatic Silencer 消声器

				
PST/Brass Silencer 铜消声器		PSV/Brass Silencer 铜平头消声器		PSB/Brass Flow Control Silencer 铜节流消声器
M5	G1	M5	G1	1/8
1/8	1-1/4	1/8	1-1/4	1/4
1/4	1-1/2	1/4	1-1/2	3/8
3/8	G2	3/8	G2	1/2
1/2		1/2		3/4
3/4		3/4		G1
				
PSC/Inner Cover Muffler 内罩消声器		Stainless Steel Silencer 不锈钢消声器		Stainless Steel Muffler Flat Head 不锈钢消声器平头
1/8		1/8		1/8
1/4		1/4		1/4
3/8		3/8		3/8
1/2		1/2		1/2
		3/4		3/4
		G1		G1
				
PSL/Plastic Silencer 塑料消声器		PSU/Plastic Silencer 塑料消声器		PSU/Plastic Silencer 塑料消声器
1/8		1/4		1/8
1/4		3/8		1/4
3/8		1/2		3/8
1/2				1/2
				3/4

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Manifold base 阀板

Order Code 订货型号



100M － F

Series Code 系列代号
100M:Base for 100 Series 系列用底座
200M:Base for 200 Series 系列用底座
300M:Base for 300 Series 系列用底座
400M:Base for 400 Series 系列用底座

Number of stations 连座数目
100M:Adbitray Joint 任意连
200M:Adbitray Joint 任意连
300M:Adbitray Joint 任意连
400M:Adbitray Joint 任意连

Blank Order Code 盲座订货型号

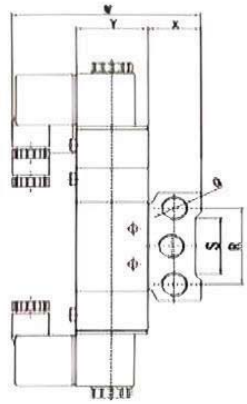


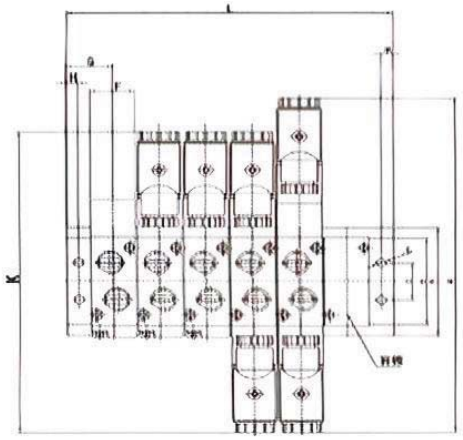
100M　　B

Series Code 系列代号
100M:For 100 Series 系列用
200M:For 200 Series 系列用
300M:For 300 Series 系列用
400M:For 400 Series 系列用

Blank Plate Code 空白板码
B:Base Purposed Blank Plate 基础用途空白板

Dimensions 外形尺寸





I.D./Symbol 内径/符号	A	B	C	E	F	G	H	K	L	M	Q	R	S	W	X	Y
100M-F	58	44	20	4.2	18.3	19	5	140	(n-1)×19+28	155	G1/4	40	30	78.5	25	27
200M-F	61	51	21	4.3	22.4	23	6	170	(n-1)×23+46	189	G1/4	43	32	92.5	26	35
300M-F	75	65	26	4.5	27.3	27	6	189	(n-1)×28+54	208	G1/4	53	48	99	30	40
400M-F	104	95	32	5.5	34.3	31.5	7	222	(n-1)×35+63	243	G1/4	68	87	112	38	50

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G08/K08 振动器



Specifications 技术参数

Type 型号	Frequency(V.P.M)频率			Vibration power(N) 振动力			Air consumption(/min)空气消耗量		
	0.2Mpa	0.4Mpa	0.6Mpa	0.2Mpa	0.4Mpa	0.6Mpa	0.2Mpa	0.4Mpa	0.6Mpa
GT-4	11.500	12.500	13.500	130	165	210	30	40	50
GT-6	11.500	12.500	13.500	130	165	210	30	40	50
GT-8	34.850	42.000	45.500	980	2.100	2.800	46	80	112
GT-10	27.500	35.000	37.500	840	1.390	2.400	46	80	112
GT-13	26.000	30.000	33.000	1.400	2.440	3.730	120	200	290
GT-16	17.000	21.500	24.000	1.220	2.090	3.160	120	200	290
GT-20	17.000	20.000	23.000	2.170	4.040	5.520	185	325	455
GT-25	12.000	15.500	17.000	2.120	3.510	5.070	185	325	455
GT-32	13.000	14.000	16.000	3.380	5.430	7.540	330	530	745
GT-36	7.800	10.000	13.000	3.300	5.000	7.150	330	530	745
GT-40	7.500	8.800	9.500	4.350	7.350	9.850	408	428	680
GT-48	5.800	7.500	9.700	4.950	7.750	10.6007	408	428	680
GT-60	4.758	6.530	8.515	5.700	9.800	11.150	505	600	920

Accessory of pneumatic cylinder 气缸配件



TCM swing base



TC swing base



Y joint



I joint



Fish-eyed joint



Floating joint



flange



CR double ear



Bracket LB