

# FESCOLO



## Fescolo pneumatic Products brochure

## FESCOLO

FESCOLO PNEUMATIC CO., LTD.

Sales Manager: Jeffrey Bu

Mobile: +86 0 150 5749 1870

E-mail: [sales@fescolo.com](mailto:sales@fescolo.com)

WhatsApp: +86 0 15057491870

NO. 98 Tiangao Lane, Yinzhou, Ningbo, Zhejiang, China.

Headquarter

Tel.: +86 574 89258005

Email: [info@fescolo.com](mailto:info@fescolo.com)

Web.: [www.fescolo.com](http://www.fescolo.com)



FESCOLO PNEUMATIC



## FESCOLO PNEUMATIC CO., LTD.

- **FESCOLO, YOUR TRUSTED PARTNER FOR PNEUMATIC AND AUTOMATION.**  
Fescolo is a leading manufacturer and exporter specialized in pneumatic and automation products headquartered in Ningbo, China since 2001. Our product range consists of pneumatic cylinders, angle seat valves, air source treatment components, 2/2ways electromagnetic valves, solenoid valves, stainless steel fittings, push in tube fittings, PU hose, Nylon hose, quick couplings, pipe connectors and adapters etc.
- **CUSTOM OPTIONS**  
We accept OEM, ODM. If you have unique requirements, we can customize the products to accommodate your product and packing with your logo and labels. Our experienced staff can assist to solve the problems you meet.
- **SALES AND SERVICE SUPPORT**  
Our team of experience sales, service and technical support staffs provide application and technical consultancy, pre-sales and after sales service and technical support to ensure total customer satisfaction. All our products includes a one-year or 6-month warranty. Most replacement parts are stocked and they can be shipped within 3days of your order being placed. Warmly welcome you and opening up the boundaries of communication. We are looking forward to forming successful relationships with you in the near future.



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PNEUMATIC CYLINDER



1. Model: DNC  
ISO6431 standard air cylinder



2. Model: SI  
ISO6431 standard air cylinder



3. Model: ISO (Metalwork)  
ISO6431 standard air cylinder



4. Model: DNG  
ISO6431 standard air cylinder



5. Model: SC  
Airtac standard air cylinder



6. Model: SC(big size)  
Airtac standard air cylinder



7. Model: ADVU  
FESTO standard air cylinder



8. Model: SDA  
Airtac standard air cylinder



9. Model: CQ2B  
SMC standard air cylinder



10. Model: MBB  
SMC standard air cylinder



11. Model: CA1B  
Standard air cylinder



12. Model: SU  
Airtac standard air cylinder



13. Model: BDNC  
Full stainless steel air cylinder



14. Model: BSC  
Full stainless steel air cylinder



15. Model: BSDA  
Full stainless steel air cylinder



16. Model: BMAL  
Full stainless steel air cylinder

1. Pneumatic cylinder

Pneumatic cylinder is a mechanical device which use the power of compressed air to produce a force in a reciprocating linear motion.

Our core pneumatic cylinder is customized non-standard pneumatic cylinder, ISO metalwork standard pneumatic cylinder, water pressure air cylinder, stainless steel pneumatic cylinders, SMC series dual rod air cylinders etc.

The series of our pneumatic cylinders include ISO6431 and ISO6432 series, ISO15552 standard series, Italy type pneumatic cylinder, SMC series and Airtac standard air cylinders.

Normally, the working pressure for pneumatic is 0.1~0.9MPa, and the working temperature is -5~60 .

PNEUMATIC CYLINDER



17. Model: FENG  
FESTO air cylinder guide



18. Model: CDA2B  
AIRTAC standard air cylinder



19. Model: TN  
Dual rod air cylinder



20. Model: CXSM  
Dual rod air cylinder



21. Model: CXSW  
Dual rod air cylinder



22. Model: MGPM  
Three rod air cylinder



23. Model: MGPM-N  
(new type)  
Three rod air cylinder



24. Model: STMB  
Dual rod air cylinder



25. Model: DSN  
ISO6432 standard air cylinder



26. Model: MA  
AIRTAC standard air cylinder



27. Model: MAL  
AIRTAC standard air cylinder



28. Model: CDJ2B16-50  
SMC standard air cylinder



29. Model: CDJ2B10-25  
SMC standard air cylinder



30. Model: CDJ2B6-50R  
SMC standard air cylinder



31. Model: CJB4-20  
SMC needle air cylinder



32. Model: CJB6-10  
SMC needle air cylinder



33. Model: CJ2B  
SMC needle air cylinder



34. Model: CDJPB  
SMC needle air cylinder



35. Model: CJP2B  
SMC needle air cylinder



36. Model: CJPB  
SMC needle air cylinder



37. Model: CY1B  
Rodless air cylinder



38. Model: CY1R  
Rodless air cylinder



39. Model: CY1S  
Rodless air cylinder



40. Model: CY1L  
Rodless air cylinder



41. Model: CDU  
Free mounting air cylinder



42. Model: CUJB  
SMC mini air cylinder



43. Model: MSQ  
Pneumatic rotary table



44. Model: CRA  
Pneumatic rotary table



45. Model: CRQ  
Pneumatic rotary table



46. Model: MHZ2  
Pneumatic gripper



47. Model: MHY2  
Pneumatic gripper



48. Model: MHC2  
Pneumatic gripper

PNEUMATIC CYLINDER



49. Model: MHL2  
Pneumatic gripper



50. Model: RSQB  
Pneumatic stopper cylinder



51. Model: SRC  
Rotary clamping air cylinder



52. Model: MK  
Rotary clamping air cylinder



53. Model: MK-2  
Rotary clamping air cylinder



54. Model: MK-3  
Rotary clamping air cylinder



55. Model: MXH  
Pneumatic slider



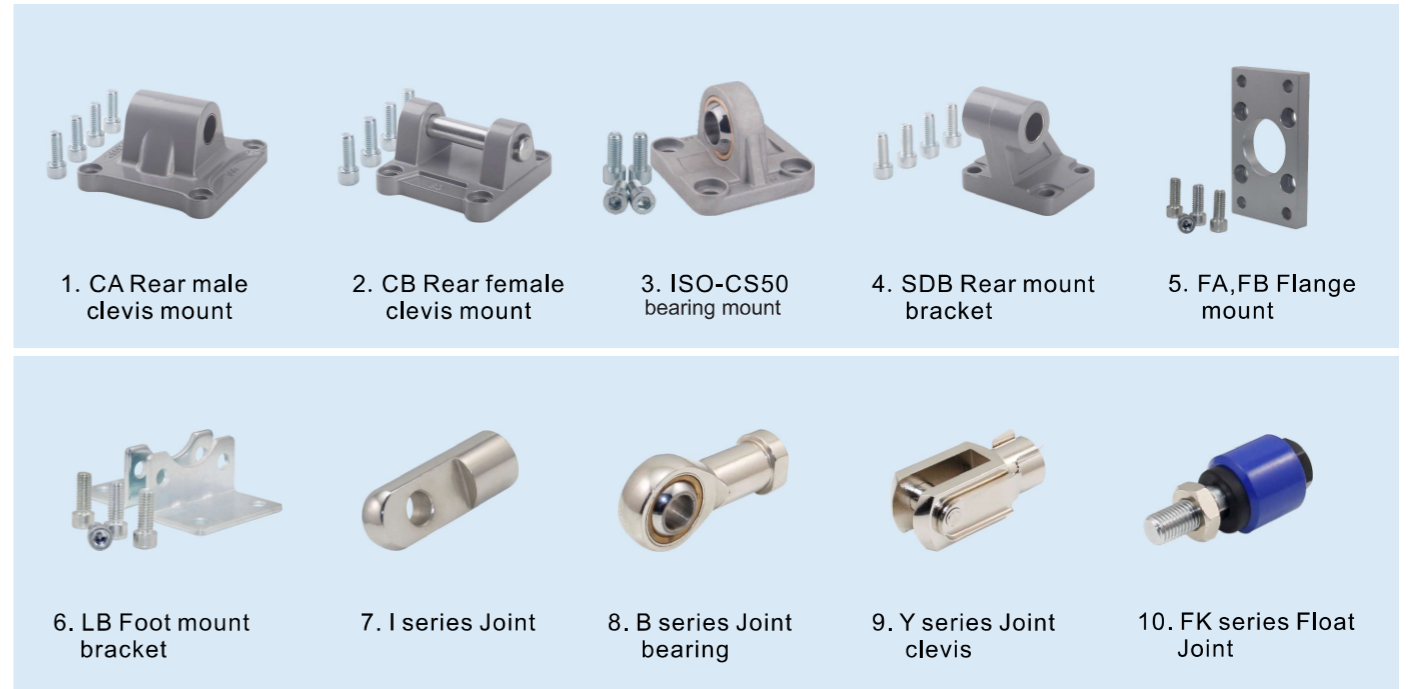
56. Model: MXS  
Pneumatic slider



57. Model: MXQ  
Pneumatic slider



2.1 ISO6431 AIR CYLINDER ACCESSORIES



1. CA Rear male clevis mount

2. CB Rear female clevis mount

3. ISO-CS50 bearing mount

4. SDB Rear mount bracket

5. FA,FB Flange mount

6. LB Foot mount bracket

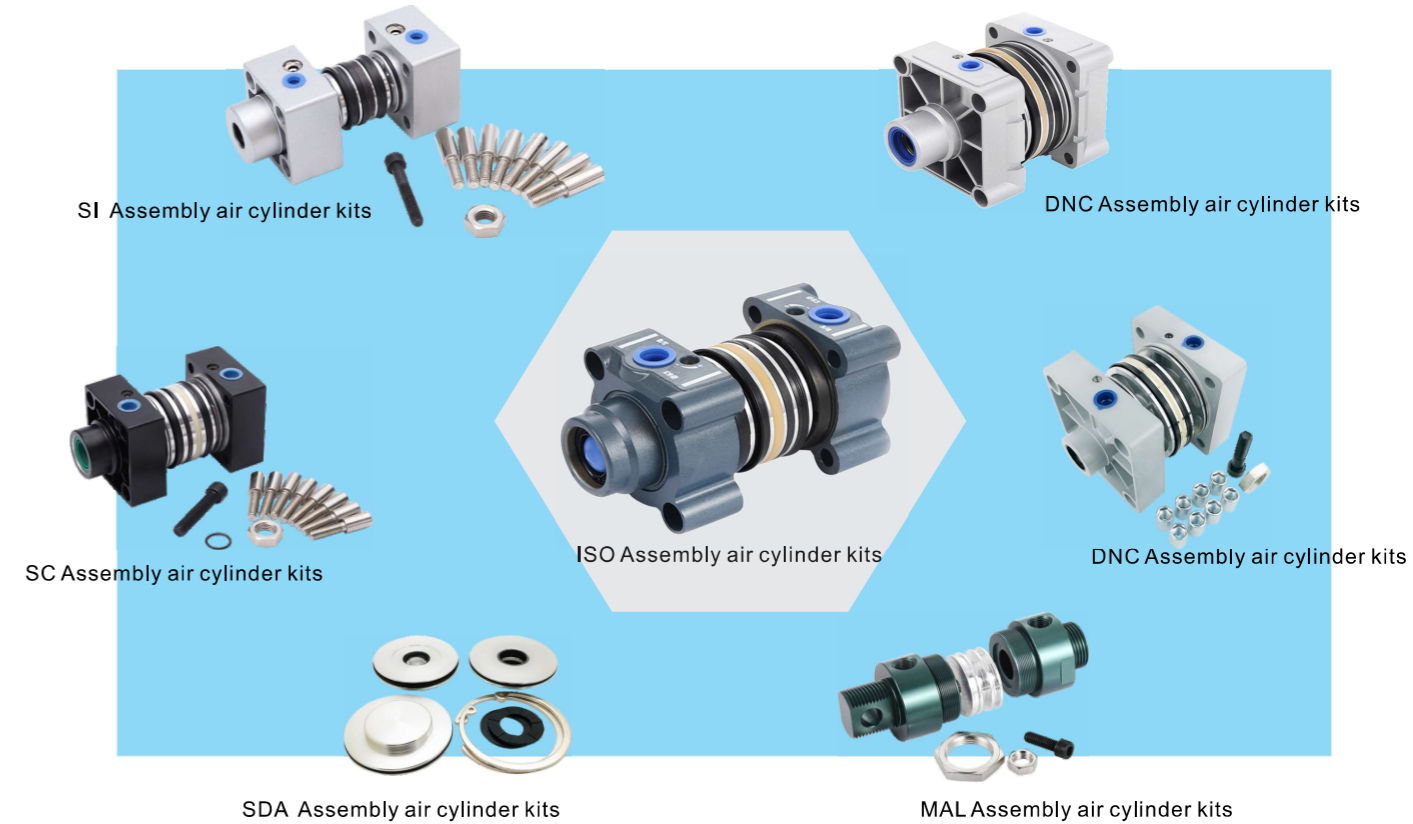
7. I series Joint

8. B series Joint bearing

9. Y series Joint clevis

10. FK series Float Joint

2.2 ASSEMBLY AIR CYLINDER KITS



SI Assembly air cylinder kits

DNC Assembly air cylinder kits

SC Assembly air cylinder kits

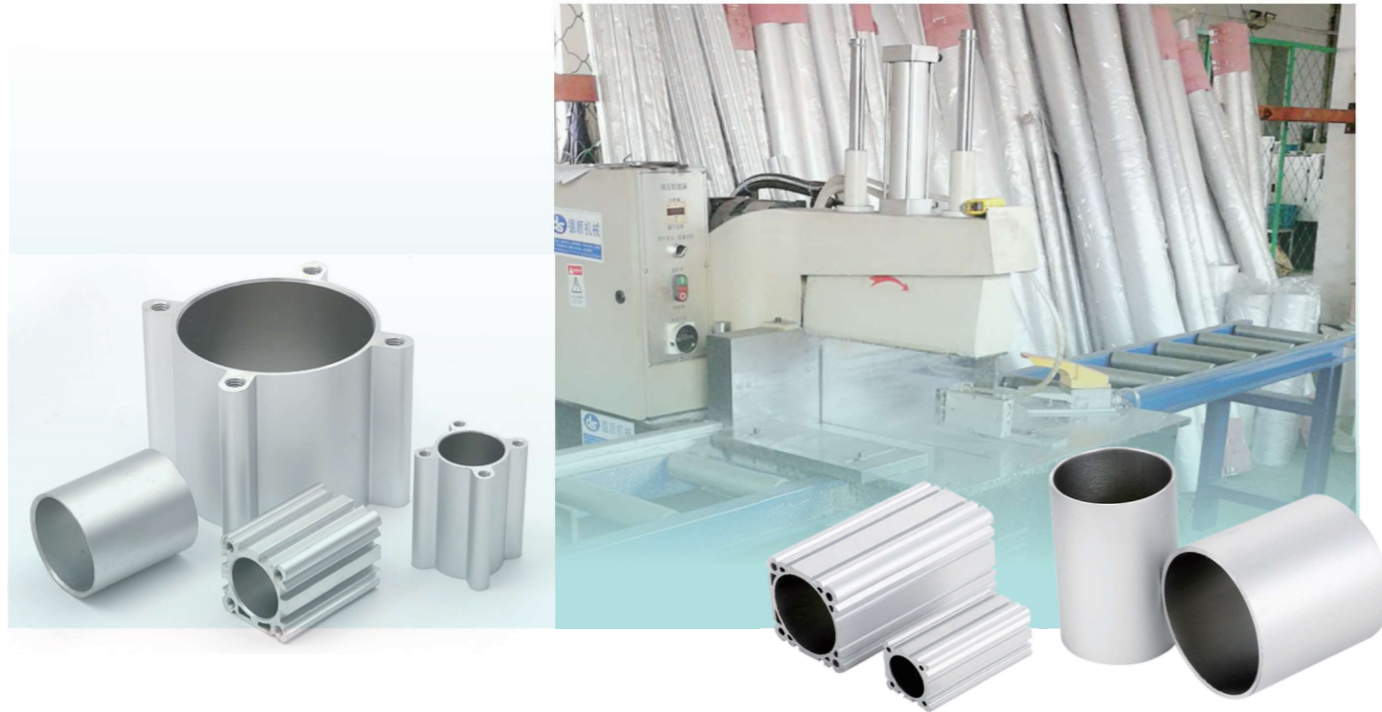
ISO Assembly air cylinder kits

DNC Assembly air cylinder kits

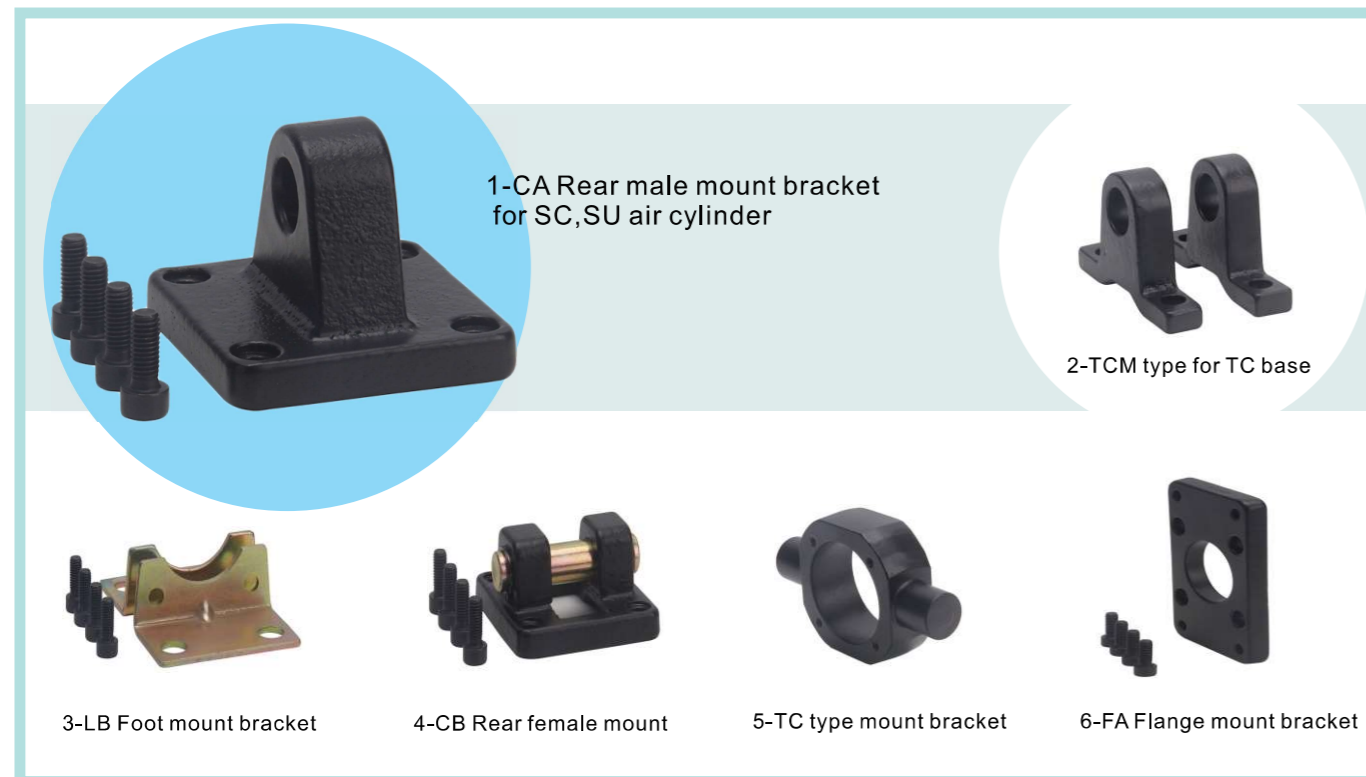
SDA Assembly air cylinder kits

MAL Assembly air cylinder kits

2.3 AIR CYLINDER BARREL



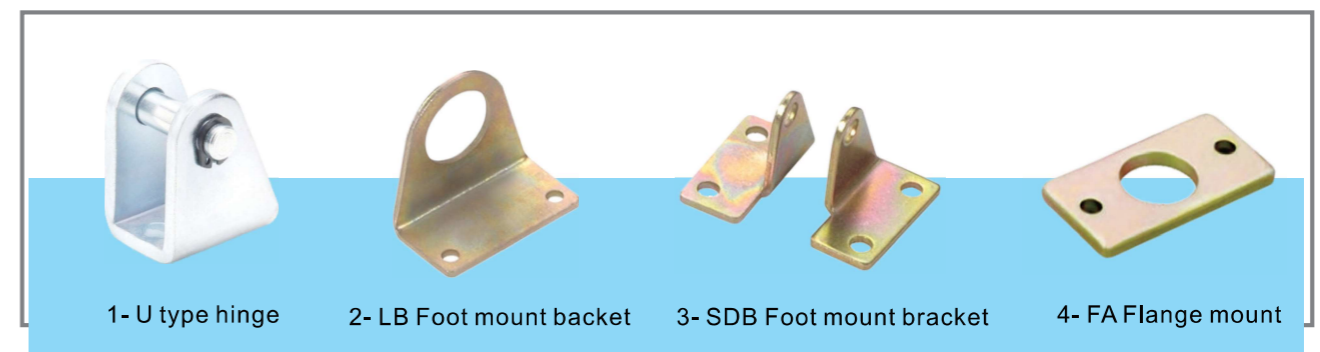
2.4 SC, SU AIR CYLINDER ACCESSORIES



2.5 REED SWITCHES



2.6 MINIAIR CYLINDER ACCESSORIES





### 3. Solenoid valve

A solenoid valve is an electromechanically operated valve. We accept OEM and customized products. Our solenoid valves include 2V, 3V, 4V, 5V series, SY series, etc.

Applicable medium: Filtered compressed air  
 Available voltage: DC5V, DC12V, DC24V, AC24V, AC36V, AC110V, AC230V, AC400V  
 Working pressure: 0.15~0.8MPa  
 Working temperature: -5~60



### 3.1 NEW PRODUCTS ★

High quality with more reliable performance and longer worklife.

Sealing parts: Mitsubishi Brand  
 Lubricating grease: Dow Corning Brand



5V110-06



5V120-06



5V210-08



5V220-08



5VMP-06



5VMP-08

### 3.2 SMC STANDARD SOLENOID VALVE



SY3120



SY3220



SY5120



SY5220

3.3 AIRTAC STANDARD SOLENOID VALVE



2V025-08



3V1-06



3V110-06



3V310-10



4V210-08



4V220-08



4V310-10



4V320-10



4V330C-10



4V410-15



4V430C-15



4M210-08



COIL-AC220V,AC110V,AC24V /DC24V/DC12V/DC5V



4V200M-2F Manifold



4V200M-4F Manifold



3V200M-4F Manifold



OTHER MODELS

3.4 AIRTAC AIR CONTROL VALVE



3A110-06



3A210-08



3A310-10



4A110-06



4A210-08



4A220-08





4.1 ANGLE SEAT VALVE



4. Angle seat valve

An angle seat valve is a pneumatically-controlled valve with a piston actuator providing linear actuation to lift a seal off its seat, which used for food machinery, automatic filling system, sewage treatment system etc.

Specification:

Body materials: SS304, SS316, SS316L, Gunmetal.

Seal materials: PDPE, FKM, NBR

Working pressure: 0~1.6MPa.

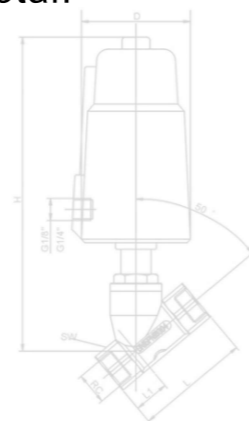
Working temperature: -20~180

Actuator: PA, Stainless steel

Applicable medium: Water, Oil, Steam, Air

OEM and customization accepted.

Support solenoid valves pre-installed.



1. PV100P



2. PV100P  
with grey actuator



3. PV100S



4. PVE-3V1



5. PVE-3V210



6. PVE-4M210



7. PVE-3V210



8. PVS



9. PV600P



10. PV200P



11. PV200S



12. PV300P  
weld end type



13. PV400S



14. PV400P



15. PV500P



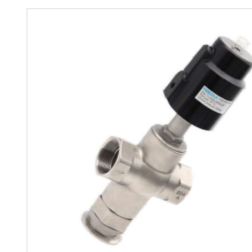
16. PV500P



17. PV500S



18. PV700S  
Polished actuator



19. TV200A



20. TV300S



21. EPV100P  
Economical type



22. EPV100A  
Economical type



23. PV32P



24. PV800A  
Air control



25. PVM  
Stainless steel

### 4.2 GLOBE CONTROL VALVE



1.GV400  
Piston controlled flat-seat valve



2. GV100P



3. GV200S  
Polished



4. GV300A  
Air control right



5.GV300A  
Air control right



6.GV500A

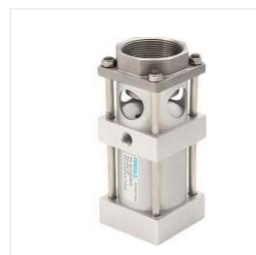
### 4.3 PNEUMATIC EXHAUST VALVE



1.DV100P



2. EV10  
Exhaust valve



3. EV20  
Exhaust valve

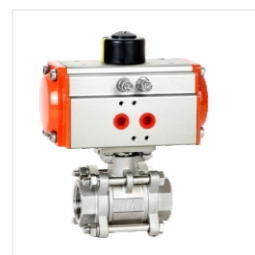


3. EV30  
Exhaust valve



4. DV100C  
Economical type

### 4.4 PNEUMATIC ACTUATOR



1. VSP2  
2 ways pneumatic ball valve



2. VSP3  
3 ways pneumatic ball valve



3. VT  
Pneumatic actuator

### 4.5 OTHER VALVES



1. DM10  
2ways diaphragm valve



2. PV1527-A  
2ways diaphragm valve



3. PV1527-B  
2ways filling valve



4.MV100P  
Y type manual angle valve



5.MV200  
T type manual tight



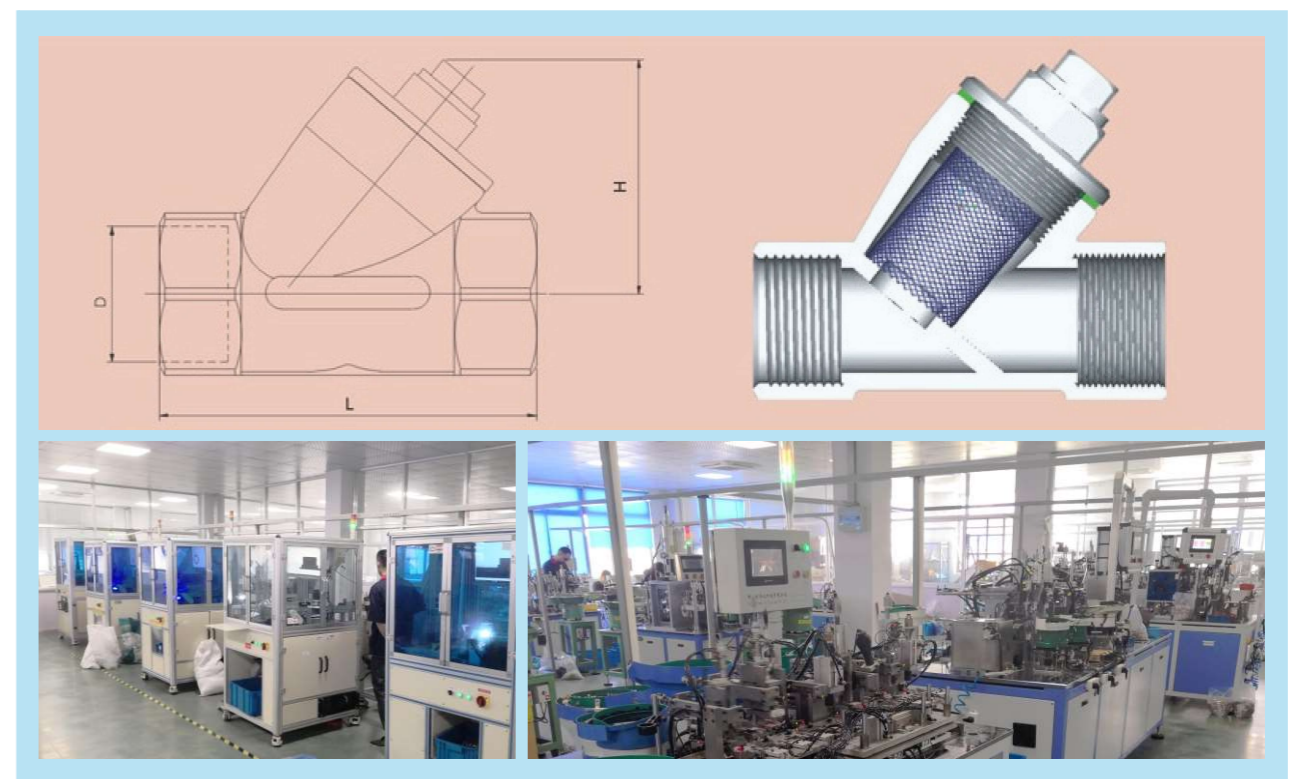
6.CV100  
Spring vertical lift check valve



7. CV200  
Female swing check valve



8. CV300Y  
Y type spring vertical lift check valve





5. 2ways solenoid valve

2positions and 2ways, with large flow rate and long life. Our two ways solenoid valves include 2W, 2L, 2S, 2V, PU series and high temperature and high pressure series.

Specification:

Body materials: Brass, Stainless steel

Seal materials: PDPE, FKM, NBR

Available voltage of coil: DC12V, DC24V, AC24V, AC36V, AC110V, AC230V, AC400V.

OEM and customization accepted.

Support solenoid valves pre-installed.



1. 2W025-08  
2ways solenoid valve



2. 2W160-15  
2ways solenoid valve



3. 2W130-15  
2ways solenoid valve



4. 2W040-10-D  
2ways solenoid valve



5. 2W350-35



6. 2W500-50



7. 2W160-15-D



8. 2L170-15  
Pilot operated steam



9. 2S160-15  
Stainless steel



10. 2S160-15-D  
Stainless steel



11. PU220  
Air control 2ways valve



12. PU225



13. PU225



14. SLG22-08



15. SLG23-08  
3ways solenoid valve



16. VX2120-08  
Direct acting solenoid valve



17. VX2120-10  
Direct acting solenoid valve



18. VX31320-08  
3ways direct acting



19. SLG5405  
High pressure and high temperature



20. DMF-32  
pulse valve



21. DMF-D-25  
pulse valve



22. DMF-Z-20  
pulse valve



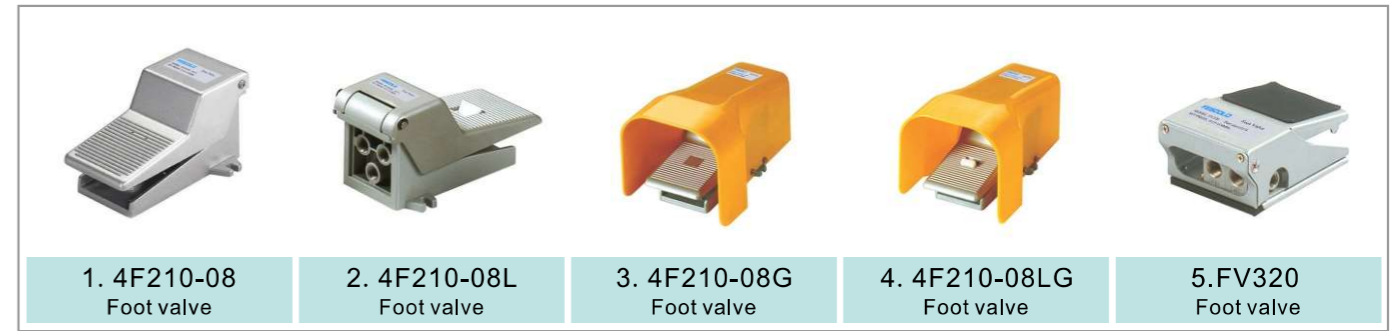
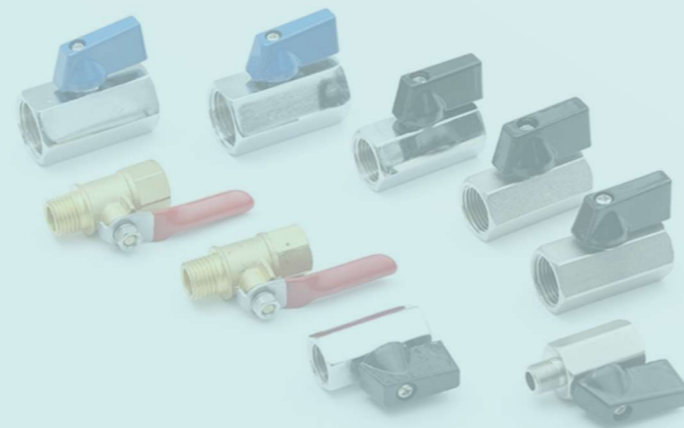
23. ZMF-Z-25  
pulse valve



6. Mechanical valve

This mechanical valves include ball valve, check valve, safety valve, foot valve, hand valve, push button valve, flow rate control valve, quick exhaust valve, check valve, shuttle valve and hand sliding valve etc.

All the valves can be with PT, BSP, NPT thread and support customization.





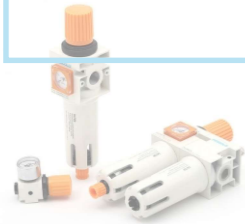
BRASS BALL VALVE



**7. Air source treatment units**

Our air source treatment units contains air filter, air regulator, lubricator, End auto drain etc.

Body materials: Aluminum alloy or Zinc  
 Seal materials: NBR  
 Working pressure: 0.05~0.85MPa.  
 Working temperature: -5~70  
 Applicable medium: Compressed Air



**7. 1 FESTO TYPE AIR SOURCE TREATMENT UNITS**



1. OU series Filter+Regulator+Lubricator	2. OFR series Filter+Regulator	3. OR series Air regulator	4. OF series Air filter
5. OL series Air lubricator	6. MU series Filter+Regulator+Lubricator	7. MFR series Filter+Regulator	8. OR series Mini type Air filter

**7.2 SMC TYPE AIR SOURCE TREATMENT UNITS**



1. AC3000-03 Filter+Regulator+Lubricator	2. AC3010-03 Filter+Regulator+Lubricator	3. AC2010-02D Filter+Regulator+Autodrain	4. AW3000-03 Filter+Regulator
5. AF2000-02 Air filter	6. AF3000-03 Air filter	7. AF4000-04 Air filter	8. AF5000-10 Air filter
9. AF3000-03D Filter + autodrain	10. AF2000-03 Air regulator	11. AL2000-02 Air lubricator	12. AF3000-03 Air lubricator

### 7.3 AIRTAC TYPE AIR SOURCE TREATMENT UNITS

			
1. AC2000 Filter+Regulator+Lubricator	2. BC4000 Filter+Regulator+Lubricator	3. AFC2000 Filter+Regulator+Lubricator	4. BFC3000 Filter+Regulator+Lubricator
			
5. AFR2000 Filter+Regulator	6. AFR2000 Filter+Regulator	7. BFR3000 Filter+Regulator	8. NAR Air regulator
			
9. AR2000 Air regulator	10. BR3000 Air regulator	11. AF2000 Air filter	12. BF3000 Air filter
			
13. AL2000 Air Lubricator	14. BL3000 Air lubricator		

### 7.4 AUTODRAINER AND AIR SOURCE TREATMENT KITS

			
1. SAD402-S-04 End autodrain	2. SAD402-X-04 End autodrain	3. AD-5 End auto drain	4. CF-02 In line filter
			
5. DF-02 Air filter	6. EF-02 Air filter	7. AD400-M Autodrain element	8. AD400-F Autodrain element
			
9. PC300F PC cup	10. PE200 Filter element	11. SAG-40 Pressure gauge	12. SAG-50 Pressure gauge

SUS316, SUS304



### 8. Full stainless steel push in tube fittings

This full stainless steel push-in tube fittings are designed to work in high temperature and high pressure condition, which were widely used in food machinery, medical facilities, chemical and sewage treatment equipment with corrosion.

Easy to connect tube by one touch, and the is applicable for polyurethane tubing and Nylon tubing.

Customization and OEM is acceptable, different threads, like PT, BSP or NPT are available. Not only metric size, imperial size is also available.

Working pressure: 0~2.0MPa.  
Working temperature: -10~180

Item	Parameter
Working Medium	Air, Steam, Water, and some other liquid
Pressure Range	0~1.2MPa
Negative Range	-100KPa (10Torr)
Proof Pressure	3.0MPa
Ambient Temperature	-5~200°C
Material of body	SUS316 or SUS304
Material of sealing	FKM (Viton)
Applicable Tube	PU,PE,Nylon(PA),PVC and Teflon Tube







New products

