



Contact us for more details

0086-574-88314552

www.jxpc-pneumatic.com



JXPC

NINGBO NEW JIAXING AUTOMATIC INDUSTRY CO.,LTD.

No.9 Xingjia Road, Daaao Industry Zone, Xikou,
Fenghua, Ningbo, Zhejiang, China

T: 0086-574-88314552

F: 0086-574-88230353

E: sales@jxpc-pneumatic.com



**PNEUMATIC
CATALOGUE**

Create The Automated Future

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Our dedicated team of experts is on hand with technical advice, support and recommendations to help you get the most effective products, in the shortest timescales, and with the best possible service.



ABOUT JXPC



*Pneumatic automation
manufacturing and
pneumatic technology
solutions*

Ningbo New Jiaxing Automatic Industry Co., Ltd. was founded in 2007, which now has been the professional supplier of pneumatic components in China. JXPC started with air source treatment and valves around 20 years ago as state-owned enterprise. At present JXPC has 46 automatic and semi-automatic production lines and 200 employees.

The main products of JXPC are air source treatment, valves, pneumatic fittings, pneumatic cylinders and other pneumatic components. Especially, the FRL units and solenoid valve, which started earlier, have covered the local and overseas markets due to their quality equivalent to well-known European brands.

Around 20 years' experience in pneumatic field makes JXPC more and more professional, our R & D team achieve many technological breakthroughs and launch new products every year. We also customize nonstandard products and OEM for customers. Commitment to providing the best pneumatic solutions for our customers is our constant pursuit. JXPC has built long term relationships with his customers, while insisting on treating each other with sincerity, mutual benefit and innovation. High quality and excellent after-sales service have definitely become the image of JXPC, making JXPC a well-known brand in the pneumatic industry now. We are recruiting oversea agents to approach more and more international market.

JXPC will be gradually become the leader in the pneumatic market.



PLANT

JXPC completes most of production process by its own factory from die-casting, machining to packaging in the workshops as:

Mold

JXPC produce 80% of the mold by ourselves.

Finish machining

Over 50 of advanced CNC machines and skillful workers.

Assembly

Automatic assembly lines and over 50 workers with more than 10 years' experience.

Packaging

Available for customized packaging.

Die-casting

Over 10 die-casting machines with robotic arms.

Testing

Ensure that all products 100% pass the pressure holding test, air tightness test, visual inspection and other tests before packaging.

Painting

Providing the possibility to offer customized color for different requirements.



R&D

From the quality improvement to products developing, R&D is always the key part in the development of JXPC.



Visit our website: www.jxpc-pneumatic.com to get more information, or contact us directly to obtain one-to-one online service.

Quality improving

Through the mold improvement and equipment update, constantly improve the quality of products.

New product developing

According to requirements submitted by the market department and after passing the technical review, the R&D department shall make the development plan and implement it step by step to complete the development of new products.

Process optimizing

Optimize production cost by improving process flow, to increase production efficiency and to reduce material loss.

ODM/customized

According to the product design drawings or samples provided by customers, the R&D department carries out surveying and mapping, mold making, procurement and other work, and communicates with customers timely through the sales department, submits samples on time and forms the production operation book.

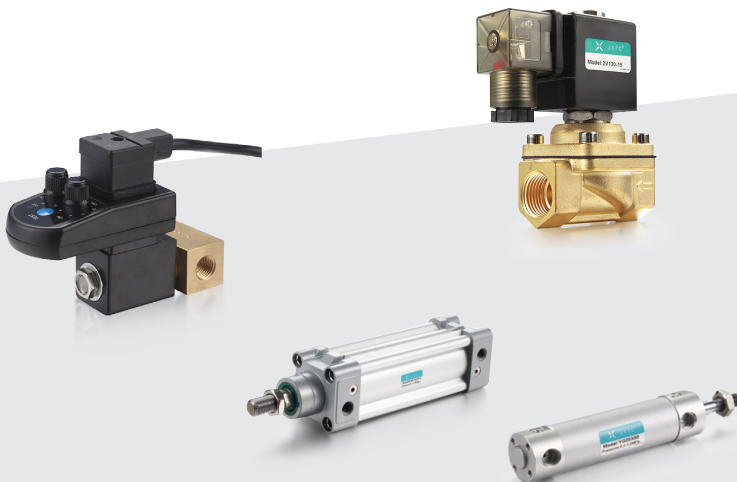
Technical support

If you have a plan or idea for an automation project, the R&D department will provide you with information such as product parameters, models, drawings, etc., and also help you to perfect the design drawing and complete the selection.

+ PRODUCTS PLUS

Aluminum Die-casting

We also have rich experiences in die-casting especially on aluminum material. Available to help you develop mold and produce the aluminum workblank of your products.



*Customized for clients
according to drawing
or sample*



Visit our website: www.jxpc-pneumatic.com to get more information,
or contact us directly to obtain one-to-one online service.



QUALITY CONTROL

JXPC has invested heavily in advanced testing equipments, and strictly controls product quality in accordance with ISO9001 quality system management.

Raw Material Inspection

Through the mass spectrometer, JXPC detects the elemental composition of each batch of raw materials and forms the MTRs.

Process Inspection

Conduct daily first inspection, in-process inspection, final inspection, sampling inspection on each processing equipment and keep inspection records.

Incoming Inspection

Strict incoming inspection of purchased parts

Inspection Of The Finished Product

Ensure that all products 100% pass the pressure holding test, air tightness test, visual inspection and other tests before packaging.

Performance Test

Various of high precision machines to test the products performance such as Flow Rate Test, Lifetime Test, Salt Spray Test and so on.

MARKETING

60+ countries

JXPC exported to

20+ years

experience in pneumatic manufacturing

2000+ Items

of pneumatic components available

▶ LET'S WORK TOGETHER!

Dear customer:

We appreciate your trust to JXPC, your choice made us stronger, as the feedback, we will never give up the effort to improve ourselves.

To provide the stable and high quality products, the most reasonable price, the fast delivery and all kind of service to help your business. Let's work together tightly, achieve the goals. The future is bright.

1

CUSTOMER SUPPORT

- Distributors/Agency
- Most reasonable price
- JXPC well designed products
- New products support
- Fast response online service
- JXPC well designed packaging
- JXPC new catalogue and specification

2

-OEM/ODM

- Well-known brand supplier
- Mold developing available
- Sample duplication
- Customized products and packaging

3

-MRO

- Small orders
- Flexible payment
- Technical support



SREVICE



Mobile

Our new mobile website lets you purchase products straight from your mobile phone or tablet, wherever you are!

Complete with images and technical information, our new mobile website gives you all the product details you will need to purchase, even out on the factor floor.

Inquiry list

If you know the products you want to add quickly to your inquiry list, our website allows you to enter the product number and quantity, with the help of search functions.

Air Preparation Units (FRLs)

A typical air preparation system includes filters, regulators and lubricators (usually called as FRL). Each unit can be used as combined or separated according to the requirement of system.

They are the key parts in preparing the compressed air to protect the pneumatic components and ensure their proper operation. It should be taken into account when designing pneumatic systems.

Unqualified FRL will cause gas circuit failure or even damage to the machine. JXPC is committed to creating the best cost-effective products, providing high-quality FRL that meet market requirements and reduce production costs for customers.

Miniature and large capacity units



Air dryer with 99.9% water removal rate











Stable pressure



FAST FIND GUIDE








• 4Z Series FRL

<p>FRL unit(Extend)</p>  <p>Page 15</p>	<p>FRL unit(Compact)</p>  <p>Page 16</p>	<p>Filter regulator</p>  <p>Page 17</p>	<p>Oil filter</p>  <p>Page 14</p>	<p>Regulator</p>  <p>Page 18</p>	<p>Filter</p>  <p>Page 19</p>
<p>Lubricator</p>  <p>Page 18</p>	<p>Accessories</p>  <p>Page 13</p>				

• JO Series FRL

<p>FRL unit(Compact)</p>  <p>Page 20</p>	<p>Filter regulator</p>  <p>Page 20</p>	<p>Regulator</p>  <p>Page 20</p>	<p>Filter</p>  <p>Page 20</p>	<p>Lubricator</p>  <p>Page 20</p>	<p>Accessories</p>  <p>Page 20</p>
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• JA Series FRL

<p>FRL unit(Extend)</p>  <p>Page 21</p>	<p>FRL unit(Compact)</p>  <p>Page 21</p>	<p>Filter regulator</p>  <p>Page 21</p>	<p>Regulator</p>  <p>Page 21</p>	<p>Filter</p>  <p>Page 21</p>	<p>Lubricator</p>  <p>Page 21</p>	<p>Accessories</p>  <p>Page 21</p>
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• A/B Series FRL







<p>FRL unit(Extend)</p>  <p>Page 22</p>	<p>FRL unit(Compact)</p>  <p>Page 22</p>	<p>Filter regulator</p>  <p>Page 22</p>	<p>Regulator</p>  <p>Page 22</p>	<p>Filter</p>  <p>Page 22</p>	<p>Lubricator</p>  <p>Page 22</p>
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• JX Series FRL

<p>Regulator</p>  <p>Page 20</p>	<p>Filter</p>  <p>Page 20</p>	<p>Regulator</p>  <p>Page 20</p>	<p>Filter</p>  <p>Page 20</p>	<p>FRL unit(Compact)</p>  <p>Page 22</p>	<p>Filter regulator</p>  <p>Page 22</p>	<p>Lubricator</p>  <p>Page 22</p>
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• JS Series FRL

• Compressed Air Pre-Filters

<p>Main line filter</p>  <p>Page 23</p>	<p>Water separator</p>  <p>Page 23</p>	<p>Oil separator</p>  <p>Page 23</p>	<p>Mist oil separator</p>  <p>Page 23</p>	<p>Oil separator with filter</p>  <p>Page 23</p>	<p>Filter & Dryer</p>  <p>Page 23</p>
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• Air Cleaner

• Special Purpose & Accessories

<p>High pressure FRL</p>  <p>Page 24</p>	<p>Eternal auto drain</p>  <p>Page 27</p>	<p>Precision regulator</p>  <p>Page 24</p>	<p>Safety lock-out valve</p>  <p>Page 27</p>	<p>Portable air filter</p>  <p>Page 25</p>	<p>Portable lubricator</p>  <p>Page 25</p>	<p>Portable water absorber</p>  <p>Page 25</p>
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• Portable air treatment kits

4Z Series FRL

Distinctive modularity, faster installation design, dismantle carry and change.

By using imported material and specially improved process, the filter elements are more durable, with longer life time, shorter customization cycle and lower cost.

Withstand 300psi-400psi high pressure metal cup series FRL.

Equipped with imported spray-paint technology which brings with fine appearance and enhanced anti-oxidation.



4Z SERIES FRL

Material

Body: Zinc/brass/aluminum

Bowl: Polycarbonate(C model)

Zinc alloy(M model compact type)

Aluminium alloy(M model others)



Auto drain
is optional



TYPE	THREAD	PRESSURE GAUGE	STOP SWITCH	PIPE ADAPTER	PORTING BLOCK	MANIFOLD BLOCK	T TYPE MOUNTING BRACKET	SPEED CLAMP MODULAR CONNECTOR	T BRACKET
Compact	1/4	4FLZ8	4ZM24	4ZK26	4ZK28	-	4ZK25	4ZK24	4ZK23
	3/8	4FLZ8	4ZM25	4ZK27	-	4ZK30	4ZK25	4ZK24	4ZK23
Intermediate	1/4	4FMC7	4ZM26	4ZK37	4ZK41	-	4ZK36	4ZK35	4ZK34
	3/8	4FMC7	4ZM27	4ZK38	-	-	4ZK36	4ZK35	4ZK34
	1/2	4FMC7	4ZM28	4ZK39	-	-	4ZK36	4ZK35	4ZK34
Standard	3/8	4FMC7	4ZM27	4ZK38	-	-	4ZK36	4ZK35	4ZK34
	1/2	4FMC7	4ZM28	4ZK39	-	-	4ZK36	4ZK35	4ZK34
	3/4	4FMC7	4ZM29	4ZK40	-	4ZK43	4ZK36	4ZK35	4ZK34



TYPE	NUT	T HANDLE CONVERSION KIT	COVER	L TYPE BRACKET	U TYPE BRACKET	FILTER BOWL	LUBRICATOR BOWL	OIL FILTER ELEMENT (0.01UM)	5µM FILTER ELEMENT	40µM FILTER ELEMENT	FILTER DRAIN KITS
Miniature	4ZK13	4ZK22	-	4ZK12	4ZK71	1AKG5	1AKJ2	4ZK21	4ZK65	-	4ZK17
Compact	4ZK32	4ZK51	5ZL32	4ZK73	4ZK29	1AKG4	1AKG8	4ZK70	4ZK69	4ZK68	4ZK18
Intermediate	4ZK58	4ZK33	5ZL33	4ZK57	4ZK53	1AKG6	1AKG9	4ZK56	4ZK54	4ZK55	4ZK19
Standard	4ZK49	4ZK64	5ZL34	4ZK50	4ZK42	1AKG7	1AKJ1	4ZK46	4ZK44	4ZK45	4ZK14
Standard(H-flow)	4ZK49	4ZK64	5ZL34	4ZK50	4ZK42	1AKG7	1AKJ1	4ZK47	4ZK44	4ZK45	4ZK14
Heavy Duty	-	-	-	4ZK63	4ZK72	-	-	4ZK62	4ZK60	4ZK61	4ZK14
Heavy Duty(w/ Auto drain)	-	-	-	4ZK63	4ZK72	-	-	4ZK15	4ZK66	4ZK67	4ZK14

4Z SERIES FRL

Oil Filter NPT 1/8...2

Technical Data






Max. Working Pressure: 10 bar/150 psi(C model)
17 bar/250 psi(M model)

Adjusting Pressure Range: 0.5...10 bar/5...150 psi
Temperature: -5...80°C (No Freeze)







- Separate the oil from compressed air
- Plastic or metal bowl optional
- 0.01µm filter element as standard
- Pressure up to 17bar/250psi



C Model: Polycarbonate w/Guard (Max. Pressure: 10 bar/150 psi)

	Size type	Manual drain model	Auto drain model	Port size(1)	Flow(cfm)	Filter bowl capacity(ml)	Element(µm)
	Miniature	4ZL16	4ZL16-A	1/8	6	40	0.01
		4ZL17	4ZL17-A	1/4	6.5	40	0.01
	Compact	4ZL24	4ZL24-A	1/4	10.5	75	0.01
		4ZL26	4ZL26-A	3/8	10.5	75	0.01
		4ZL32	4ZL32-A	1/4	21	120	0.01
	Intermediate	4ZL34	4ZL34-A	3/8	21	120	0.01
		4ZL36	4ZL36-A	1/2	21	120	0.01
	Standard	4ZL44	4ZL44-A	3/8	20	230	0.01
		4ZL46	4ZL46-A	1/2	35	230	0.01
	Standard plus	4ZL55	4ZL55-A	3/4	60	230	0.01

M Model: Metal w/Sight Glass (Max. Pressure: 17 bar/250 psi)

	Size type	Manual drain model	Auto drain model	Port size(1)	Flow(cfm)	Filter bowl capacity(ml)	Element(µm)
	Compact	4ZL23	4ZL23-A	1/4	10.5	120	0.01
		4ZL25	4ZL25-A	3/8	10.5	120	0.01
	Intermediate	4ZL31	4ZL31-A	1/4	21	125	0.01
		4ZL33	4ZL33-A	3/8	21	125	0.01
	Standard	4ZL43	4ZL43-A	3/8	20	245	0.01
		4ZL45	4ZL45-A	1/2	35	245	0.01
	Standard plus	4ZL53	4ZL53-A	1/2	60	245	0.01
		4ZL54	4ZL54-A	3/4	60	245	0.01
	Heavy duty	4ZL18	-	3/4	90	1200	0.01
		4ZL19	-	1	125	1200	0.01
		4ZL20	-	1-1/2	250	4700	0.01
		4ZL21	-	2	300	4700	0.01
	Heavy duty plus with auto drain	-	4ZL22	2	600	8500	0.01

[1]: The standard thread is NPT, for G and PT thread is optional



PRODUCTS LINK

Coalescing Filter Element, 0.01 micron(Page13)



4Z SERIES FRL

F.R.L(Filter, Regulator and Lubricator) three units NPT 1/8...1

Technical Data




Max. Working Pressure: 10 bar/150 psi(C model)
17 bar/250 psi(M model)

Adjusting Pressure Range: 0.5...10 bar/5...150 psi





Temperature: -5...80°C (No Freeze)

- Plastic or metal bowl optional
- 5µm and 40µm filter element optional
- Micro mist can inject the oil mist up to 15 meters
- Modular design
- Pressure up to 17bar/250psi
- Auto drain optional

C Model: Polycarbonate w/Guard (Max. Pressure: 10 bar/150 psi)

Size type	Manual drain model	Auto drain model	Port size(1)	Gauge port(1)	Flow (cfm)	Filter bowl capacity (ml)	Oil cup capacity (ml)	Element (µm)(2)	Mist type(3)	
									Micro mist	Normal mist
 Compact	3FRL25C-02	3FRL25C-02-A	1/4	1/8	51	75	45	5	-W	-P
	3FRL25C-03	3FRL25C-03-A	3/8		51	75	45	5	-W	-P
 Intermediate	3FRL30C-02	3FRL30C-02-A	1/4	1/4	56	120	80	5	-W	-P
	3FRL30C-03	3FRL30C-03-A	3/8		60	120	80	5	-W	-P
	3FRL30C-04	3FRL30C-04-A	1/2		60	120	80	5	-W	-P
	3FRL40C-03	3FRL40C-03-A	3/8		114	230	150	5	-W	-P
 Standard	3FRL40C-04	3FRL40C-04-A	1/2	1/4	192	230	150	5	-W	-P
	3FRL40C-05	3FRL40C-05-A	3/4		186	230	150	5	-W	-P

M Model: Metal w/Sight Glass (Max. Pressure: 17 bar/250 psi)

Size type	Manual drain model	Auto drain model	Port size(1)	Gauge port(1)	Flow (cfm)	Filter bowl capacity (ml)	Oil cup capacity (ml)	Element (µm)(2)	Mist type(3)	
									Micro mist	Normal mist
 Compact	3FRL25M-02	3FRL25M-02-A	1/4	1/8	51	120	80	5	-W	-P
	3FRL25M-03	3FRL25M-03-A	3/8		51	120	80	5	-W	-P
 Intermediate	3FRL30M-02	3FRL30M-02-A	1/4	1/4	56	125	85	5	-W	-P
	3FRL30M-03	3FRL30M-03-A	3/8		60	125	85	5	-W	-P
	3FRL30M-04	3FRL30M-04-A	1/2		60	125	85	5	-W	-P
	3FRL40M-03	3FRL40M-03-A	3/8		114	245	155	5	-W	-P
 Standard	3FRL40M-04	3FRL40M-04-A	1/2	1/4	192	245	155	5	-W	-P
	3FRL40M-05	3FRL40M-05-A	3/4		186	245	155	5	-W	-P
 Heavy duty	3FRL50M-05	-	3/4	1/4	160	1200	750	5	-W	-P
	3FRL50M-06	-	1		275	1200	750	5	-W	-P

(1): The standard thread is NPT, for G and PT thread is optional

(2): The standard filter element is 5µm

(3): With micro mist, the oil can be injected with 12-15 meters, and with normal mist, the oil injection is 4.5-6 meters.

4Z SERIES FRL

FR.L(Filter Regulator, Lubricator) two units NPT 1/8...1

Technical Data





Max. Working Pressure: 10 bar/150 psi(C model)
17 bar/250 psi(M model)

Adjusting Pressure Range: 0.5...10 bar/5...150 psi




Temperature: -5...80°C (No Freeze)

- Plastic or metal bowl optional
- 5µm and 40µm filter element optional
- Micro mist can inject the oil mist up to 15 meters
- Modular design
- Pressure up to 17bar/250psi
- Auto drain optional

C Model: Polycarbonate w/Guard (Max. Pressure: 10 bar/150 psi)

Size type	Manual drain model	Auto drain model	Port size(1)	Gauge port(1)	Flow (cfm)	Filter bowl capacity (ml)	Oil cup capacity (ml)	Element (µm)(2)	Mist type(3)	
									Micro mist	Normal mist
 Miniature	2FRL20C-02	-	1/4	1/8	10	40	20	40	-W	-P
	2FRL25C-02	2FRL25C-02-A	1/4		51	75	45	40	-W	-P
 Compact	2FRL25C-03	2FRL25C-03-A	3/8	1/4	51	75	45	40	-W	-P
	2FRL30C-02	2FRL30C-02-A	1/4		60	120	80	40	-W	-P
 Intermediate	2FRL30C-03	2FRL30C-03-A	3/8	1/4	60	120	80	40	-W	-P
	2FRL30C-04	2FRL30C-04-A	1/2		60	120	80	40	-W	-P
 Standard	2FRL40C-03	2FRL40C-03-A	3/8	1/4	114	230	150	40	-W	-P
	2FRL40C-04	2FRL40C-04-A	1/2		192	230	150	40	-W	-P
	2FRL40C-05	2FRL40C-05-A	3/4		186	230	150	40	-W	-P

M Model: Metal w/Sight Glass (Max. Pressure: 17 bar/250 psi)

Size type	Manual drain model	Auto drain model	Port size(1)	Gauge port(1)	Flow (cfm)	Filter bowl capacity (ml)	Oil cup capacity (ml)	Element (µm)(2)	Mist type(3)	
									Micro mist	Normal mist
 Compact	2FRL25M-02	2FRL25M-02-A	1/4	1/8	51	120	80	40	-W	-P
	2FRL25M-03	2FRL25M-03-A	3/8		51	120	80	40	-W	-P
 Intermediate	2FRL30M-02	2FRL30M-02-A	1/4	1/4	60	125	85	40	-W	-P
	2FRL30M-03	2FRL30M-03-A	3/8		60	125	85	40	-W	-P
 Standard	2FRL30M-04	2FRL30M-04-A	1/2	1/4	60	125	85	40	-W	-P
	2FRL40M-03	2FRL40M-03-A	3/8		114	245	155	40	-W	-P
	2FRL40M-04	2FRL40M-04-A	1/2		192	245	155	40	-W	-P
	2FRL40M-05	2FRL40M-05-A	3/4		186	245	155	40	-W	-P

[1]: The standard thread is NPT, for G and PT thread is optional

[2]: The standard filter element is 40µm, 5µm is optional.

[3]: With micro mist, the oil can be injected with 12-15 meters, and with normal mist, the oil injection is 4.5-6 meters.

4Z SERIES FRL

Air Filter Regulator NPT 1/8...1

Technical Data







Max. Working Pressure: 10 bar/150 psi(C model)
17 bar/250 psi(M model)

Adjusting Pressure Range: 0.5...10 bar/5...150 psi





Temperature: -5...80°C (No Freeze)

- Plastic or metal bowl optional
- 5µm and 40µm filter element optional
- Modular design
- Pressure up to 17bar/250psi
- Auto drain optional

C Model: Polycarbonate w/Guard (Max. Pressure:10bar/150psi)

	Size type	Manual drain model	Auto drain model	Port size(1)	Gauge port(1)	Flow(cfm)	Filter bowl capacity(ml)	Element (µm)(2)
	Miniature	4ZK80	4ZK80-A	1/8		80	40	0.01
		4ZK81	4ZK81-A	1/4		80	40	0.01
	Miniature	4ZK74	4ZK74-A	1/8	1/8	80	40	40
		4ZK75	4ZK75-A	1/4		80	40	40
	Miniature(Brass)	4ZK77	4ZK77-A	1/4		78	40	40
	Compact	4ZK83	4ZK83-A	1/4		80	75	40
		4ZK85	4ZK85-A	3/8		80	75	40
	Intermediate	4ZK87	4ZK87-A	1/4	1/4	78	120	40
		4ZK89	4ZK89-A	3/8		123	120	40
		4ZK91	4ZK91-A	1/2		123	120	40
	Standard	standard	4ZK95-A	3/8		212	230	40
		standard	4ZK97-A	1/2		212	230	40
		standard	4ZK99-A	3/4		212	230	40

M Model: Metal w/Sight Glass (Max. Pressure: 17 bar/250 psi)

	Size type	Manual drain model	Auto drain model	Port size(1)	Gauge port(1)	Flow(cfm)	Filter bowl capacity(ml)	Element (µm)(2)
	Compact	4ZK82	4ZK82-A	1/4	1/8	80	120	40
		4ZK84	4ZK84-A	3/8		80	120	40
		4ZK86	4ZK86-A	1/4		78	125	40
	Intermediate	4ZK88	4ZK88-A	3/8		123	125	40
		4ZK90	4ZK90-A	1/2		123	125	40
	Standard	4ZK94	4ZK94-A	3/8	1/4	212	245	40
		4ZK96	4ZK96-A	1/2		212	245	40
		4ZK98	4ZK98-A	3/4		212	245	40
	Heavy duty	4ZK78	-	3/4	1/8	503	1200	40
		4ZK79	-	1		503	1200	40

[1]: The standard thread is NPT, for G and PT thread is optional

[2]: The standard filtration element is 40µm(except 0.01µm for 4ZK80 and 4ZK81), 5µm is optional

4Z SERIES FRL

Regulator NPT 1/8...2





















Technical Data

Max. Working Pressure: 31 bar/450 psi

Adjusting Pressure Range: 0.5...10 bar/5...150 psi
0.5...8.5 bar/5...125 psi (For miniature type and heavy duty type)





Temperature: -5...80°C (No Freeze)

- Port size up to 2"
- Constant output available(1WH33)
- Modular design





	Size type	Model	Port size(1)	Gauge port(1)	Flow(cfm)	Max. inlet pressure	Pressure range
	Miniature(Compressor)	4ZM13	1/4	1/8	12	17 bar / 250 psi	0.5...8.5 bar 5...125 psi
	Miniature	4ZM07	1/8		14	20 bar / 300 psi	
		4ZM08	1/4		15		
	Miniature(Brass)	4ZM05	1/8		10	27 bar / 400 psi	
		4ZM06	1/4		10		
	Compact	4ZM14	1/4		70	0.5...10 bar 5...150 psi	
		4ZM15	3/8		70		
	Compact(Precision)	1WH33	3/8		70	2 bar / 30 psi	
		4ZM16	1/4		83		
	Compact(Manifold)	4ZM17	3/8		83	0.5...10 bar 5...150 psi	
		4ZM18	1/4	91			
		4ZM19	3/8	144			
	Intermediate	4ZM20	1/4	144	20 bar / 300 psi		
		4ZM21	3/8	208			
	Standard	4ZM22	1/2	220	0.5...10 bar 5...150 psi		
		4ZM23	3/4	220			
		4ZM09	3/4	440			
	Heavy duty	4ZM10	1	480	0.5...8.5 bar 5...125 psi		
		4ZM11	1-1/2	440			
	Heavy duty plus	4ZM12	2	2000	31 bar / 450 psi		

Lubricator NPT 1/8...2

C Model: Polycarbonate w/Guard (Max. Pressure: 10 bar/150 psi)

Size type	Micro mist model (2)	Mist model (2)	Port size (1)	Flow (cfm)	Oil cup capacity (ml)
	4ZL56	-	1/8	10	20
	4ZL57	-	1/4	14	20
	4ZL69	4ZL65	1/4	51	45
	4ZL71	4ZL67	3/8	51	45
	4ZL79	4ZL73	1/4	60	780
	4ZL81	4ZL75	3/8	60	80
	4ZL83	4ZL77	1/2	60	80
	4ZL91	4ZL85	3/8	114	150
	4ZL93	4ZL87	1/2	154	150
	4ZL95	4ZL89	3/4	142	150

M Model: Metal w/Sight Glass (Max. Pressure: 17 bar/250 psi)

Size type	Micro mist model (2)	Mist model (2)	Port size (1)	Flow (cfm)	Oil cup capacity (ml)
	4ZL68	4ZL64	1/4	51	80
	4ZL70	4ZL66	3/8	51	80
	4ZL78	4ZL72	1/4	60	85
	4ZL80	4ZL74	3/8	60	85
	4ZL82	4ZL76	1/2	60	85
	4ZL90	4ZL84	3/8	114	155
	4ZL92	4ZL86	1/2	154	155
	4ZL94	4ZL88	3/4	142	155
	4ZL58	4ZL59	3/4	160	750
	4ZL60	4ZL61	1	275	750
	4ZL62	4ZL63	1-1/2	275	750

[1]: The standard thread is NPT, for G and PT thread is optional.

[2]: With micro mist, the oil can be injected with 12-15 meters, and with normal mist, the oil injection is 4.5-6 meters.

4Z SERIES FRL

Air Filter NPT 1/8...1





Technical Data

Max. Working Pressure: 10 bar/150 psi(C model)
17 bar/250 psi(M model)






Temperature: -5...80°C (No Freeze)

- Plastic or metal bowl optional
- 5µm and 40µm filter element optional
- Modular design
- Pressure up to 17 bar/250 psi
- Auto drain optional

C Model: Polycarbonate w/Guard (Max. Pressure: 10 bar/150 psi)

	Size type	Manual drain model	Auto drain model	Port size (1)	Flow(cfm)	Filter bowl capacity(ml)	Element(µm) (2)
	Miniature	4ZL07	4ZL07-A	1/8	19	40	5
		4ZL08	4ZL08-A	1/4	24	40	5
	Compact	4ZL28	4ZL28-A	1/4	55	75	5
		4ZL30	4ZL30-A	3/8	55	75	5
	Intermediate	4ZL38	4ZL38-A	1/4	53	120	5
		4ZL40	4ZL40-A	3/8	65	120	5
		4ZL42	4ZL42-A	1/2	69	120	5
	Standard	4ZL48	4ZL48-A	3/8	112	230	5
		4ZL50	4ZL50-A	1/2	140	230	5
		4ZL52	4ZL52-A	3/4	140	230	5

M Model: Metal w/Sight Glass (Max. Pressure: 17 bar/250 psi)

	Size type	Manual drain model	Auto drain model	Port size (1)	Flow(cfm)	Filter bowl capacity(ml)	Element(µm) (2)
	Compact	4ZL27	4ZL27-A	1/4	55	120	5
		4ZL29	4ZL29-A	3/8	55	120	5
	Intermediate	4ZL37	4ZL37-A	1/4	53	125	5
		4ZL39	4ZL39-A	3/8	65	125	5
		4ZL41	4ZL41-A	1/2	69	125	5
	Standard	4ZL47	4ZL47-A	3/8	112	245	5
		4ZL49	4ZL49-A	1/2	140	245	5
		4ZL51	4ZL51-A	3/4	140	245	5
	Heavy duty	4ZL09	-	3/4	325	1200	5
		4ZL10	-	1	425	1200	5
		4ZL11	-	1-1/2	425	1200	5
	Heavy duty plus with auto drain	-	4ZL12	1-1/2	750	4700	5
		-	4ZL14	2	750	4700	5

[1]: The standard thread is NPT, for G and PT thread is optional.

[2]: The standard filtration element is 5µm.

JO SERIES FRL

Technical Data

Max. Working Pressure: 16 bar/232 psi
Adjusting Pressure Range: 0.5...12 bar/5...175 psi
Temperature: -5...60°C(No Freeze)
Filter Precision: 40µm(5µm or 25µm optional)

- Compact design
- Pressure gauge range can be up to 16 bar
- Popular selection



Ordering Code

JO	U		1/4			MINI	
Series	Function Code	Thread Type	Port Size	Grade of Filtration	Manometer	Size	Drain Type
JO Series	U: Filter regulator+Lubricator(2FRL) FR: Filter+Regulator R: Regulator F: Filter L: Lubricator	Blank: G/BSP thread N: NPT thread R: PT/BSPT thread	1/8" 1/4" 3/8" 1/2" 3/4" 1"	Blank: 40µm 5M: 5µm	Blank: 16 bar 10: 10 bar 7: 7 bar	MINI MIDI MAXI	Blank: Differential(Semi-auto) Drain A: Auto Drain M: Manual Drain



FRL	Filter regulator	Regulator	Filter	Lubricator	Pressure gauge	Auto drain kit
JOU-1/8-MINI	JOFR-1/8-MINI	JOR-1/8-MINI	JOF-1/8-MINI	JOL-1/8-MINI	OMG-16-1/8	OAD-MINI
JOU-1/4-MINI	JOFR-1/4-MINI	JOR-1/4-MINI	JOF-1/4-MINI	JOL-1/4-MINI	OMG-10-1/8	OAD-MIDI
JOU-3/8-MINI	JOFR-3/8-MINI	JOR-3/8-MINI	JOF-3/8-MINI	JOL-3/8-MINI	OMG-7-1/8	OAD-MAXI
JOU-3/8-MIDI	JOFR-3/8-MIDI	JOR-3/8-MIDI	JOF-3/8-MIDI	JOL-3/8-MIDI	OMG-16-1/4	
JOU-1/2-MIDI	JOFR-1/2-MIDI	JOR-1/2-MIDI	JOF-1/2-MIDI	JOL-1/2-MIDI	OMG-10-1/4	
JOU-3/4-MIDI	JOFR-3/4-MIDI	JOR-3/4-MIDI	JOF-3/4-MIDI	JOL-3/4-MIDI	OMG-7-1/4	
JOU-3/4-MAXI	JOFR-3/4-MAXI	JOR-3/4-MAXI	JOF-3/4-MAXI	JOL-3/4-MAXI		
JOU-1-MAXI	JOFR-1-MAXI	JOR-1-MAXI	JOF-1-MAXI	JOL-1-MAXI		

OPTIONAL COLORS



JX SERIES FRL

Technical Data

Max. Working Pressure: 10 bar/150 psi
Adjusting Pressure Range: 0.5...10 bar/5...150 psi
Temperature range: 5...60°C
Filter precision: 5µm(40µm optional)

- Sintered copper alloy filter element
- A larger surface area for longer lifetime
- Prior choose for American market

Filter	Filter	Regulator	Regulator
JXF2000	JXF3000	JXR2000	JXR3000
NPT1/4	NPT3/8	NPT1/4	NPT3/8



JA SERIES FRL

Technical Data

Max. Working Pressure: 10 bar/150 psi

Adjusting Pressure Range: 0.5...8.5 bar/5...125 psi

Temperature range: 5...60°C

Filter precision: 40µm(5µm or 25µm optional)

- Most popular selection
- A wide range of optional accessories



Ordering Code

JA	C	30	00		03		
Series	Function Code	Body Size		Unit Type	Thread Type	Port Size	Drain Type
JA Series	C: Filter+Regulator+Lubricator W: Filter+Regulator F: Filter L: Lubricator R: Regulator	10: 1000 Body Size 20: 2000 Body Size 30: 3000 Body Size 40: 4000 Body Size 50: 5000 Body Size	00: Others 10: Filter Regulator+Lubricator(2FRL)	Blank: G/BSP thread N: NPT thread R: PT/BSPT thread	M5:M5 01:1/8" 02:1/4" 03:3/8" 04:1/2" 06:3/4" 10:1"	Blank: Manual Drain for 10/20 Body Size Differential(Semi-auto) Drain for others A: Auto Drain(Not Available for 10 Body Size)	



3FRL	Port Size	Flow (L/min)	3FRL	Port Size	Flow (L/min)	3FRL	Port Size	Flow (L/min)	2FRL	Port Size	Flow (L/min)	2FRL	Port Size	Flow (L/min)
JAC1000-M5	M5	90	JAC3000-02	1/4	2000	JAC5000-06	3/4	5000	JAC1010-M5	M5	90	JAC3010-02	1/4	1700
JAC2000-01	1/8	500	JAC3000-03	3/8	2000	JAC5000-10	1	5000	JAC2010-01	1/8	500	JAC3010-03	3/8	1700
JAC2000-02	1/4	500	JAC4000-03	3/8	4000				JAC2010-02	1/4	500	JAC4010-03	3/8	3000
			JAC4000-04	1/2	4000							JAC4010-04	1/2	3000
			JAC4000-06	3/4	4500							JAC4010-06	3/4	3000



2FRL	Port Size	Flow (L/min)	Filter regulator	Port Size	Flow (L/min)	Filter regulator	Port Size	Flow (L/min)	Filter regulator	Port Size	Flow (L/min)	Regulator	Port Size	Flow (L/min)
JAC5010-06	3/4	4000	JAW1000-M5	M5	100	JAW3000-02	1/4	2000	JAW5000-06	3/4	5500	JAR1000-M5	M5	100
JAC5010-10	1	4000	JAW2000-01	1/8	550	JAW3000-03	3/8	2000	JAW5000-10	1	5500	JAR2000-01	1/8	550
			JAW2000-02	1/4	550	JAW4000-03	3/8	4000				JAR2000-02	1/4	550
						JAW4000-04	1/2	4000						
						JAW4000-06	3/4	4500						



Regulator	Port Size	Flow (L/min)	Regulator	Port Size	Flow (L/min)	Filter	Port Size	Flow (L/min)	Filter	Port Size	Flow (L/min)	Filter	Port Size	Flow (L/min)
JAR3000-02	1/4	2500	JAR5000-06	3/4	8000	JAF1000-M5	M5	110	JAF3000-02	1/4	1500	JAF5000-06	3/4	7000
JAR3000-03	3/8	2500	JAR5000-10	1	8000	JAF2000-01	1/8	750	JAF3000-03	3/8	1500	JAF5000-10	1	7000
JAR4000-03	3/8	6000				JAF2000-02	1/4	750	JAF4000-04	1/2	4000			
JAR4000-04	1/2	6000							JAF4000-06	3/4	4000			
JAR4000-06	3/4	6500												

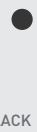


Lubricator	Port Size	Flow (L/min)	Lubricator	Port Size	Flow (L/min)	Lubricator	Port Size	Flow (L/min)	Pressure gauge	Auto drain kit
JAL1000-M5	M5	95	JAL3000-02	1/4	1700	JAF5000-06	3/4	7000	AMG-10-1/8	AAD-2000
JAL2000-01	1/8	800	JAL3000-03	3/8	1700	JAF5000-10	1	7000	AMG-10-1/4	AAD-3000
JAL2000-02	1/4	800	JAL3000-03	3/8	5000					AAD-4000/5000
			JAL4000-04	1/2	5000					
			JAL4000-06	3/4	6300					

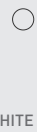
OPTIONAL COLORS



JXPC BLUE



BLACK



WHITE



A/B SERIES FRL

Technical Data

Max. Working Pressure: 9.5 bar/140 psi
 Adjusting Pressure Range: 0.5...8.5 bar/5...125 psi
 Temperature range: 5...60°C
 Filter precision: 40µm(5µm or 25µm optional)

- Economical selection
- Improved design with longer life time
- Customized color available



Ordering Code

A	C	2000		
Series No. A: Smaller body size, without bowl guard B: Bigger body size, with bowl guard	Function Code C: Filter+Regulator+Lubricator (3FRL) FC: Filter regulator+Lubricator (2FRL) FR: Filter regulator R: Regulator F: Filter L: Lubricator	Body/Port Size 2000 1/4" 3000 3/8" 4000 1/2"	Thread Type Blank: G/BSP thread N: NPT thread R: PT/BSPT thread	Drain Type Blank: Differential(Semi-auto) Drain A: Auto Drain(Long Water Cup for A Series)



Port size	3FRL	3FRL	2FRL	2FRL	Filter regulator	Filter regulator
1/4	AC2000	BC2000	AFC2000	BFC2000	AFR2000	BFR2000
3/8		BC3000		BFC3000		BFR3000
1/2		BC4000		BFC4000		BFR4000



Port size	Regulator	Regulator	Filter	Filter	Lubricator	Lubricator
1/4	AR2000	BR2000	AF2000	BF2000	AL2000	BL2000
3/8		BR3000		BF3000		BL3000
1/2		BR4000		BF4000		BL4000

OPTIONAL COLORS



JXPC BLUE



GREY



BLACK

JS SERIES FRL

Technical Data

Max. Working Pressure: 10 bar/150 psi
 Adjusting Pressure Range: 0.5...8.5 bar/5...125 psi
 Temperature range: 5...60°C
 Filter precision: 40µm(5µm optional)




Port Size	2FRL	Lubricator	Filterregulator
1/4"	JSC2000	JSL2000	JSW2000
3/8"	JSC3000	JSL3000	JSW3000
1/2"	JSC4000	JSL4000	JSW4000

COMPRESSED AIR PRE-FILTERS

Technical Data

Port size: NPT(G and PT make to order)
Working pressure: 1.5...10 bar

Filter element: 0.01µm/0.1µm/1µm
Temperature: -5...65°C(No Freeze)

Model	Water separator	Main line filter	Oil separator	Mist oil separator	Oil separator with filter	Port size	Rated flow (ANR)	Power of compressor
	FAMG350-03	FAFF350-03	FAM350-03	FAMD350-03	FAMH350-03	3/8"	1500/1000* L/min	5.5 KW
	FAMG350-04	FAFF350-04	FAM350-04	FAMD350-04	FAMH350-04	1/2"	1500/1000* L/min	7.5 KW
	FAMG550-06	FAFF550-06	FAM550-06	FAMD550-06	FAMH550-06	3/4"	3500 L/min	11 KW
	FAMG550-10	FAFF550-10	FAM550-10	FAMD550-10	FAMH550-10	1"	3500 L/min	15 KW
	FAMG650-10	FAFF650-10	FAM650-10	FAMD650-10	FAMH650-10	1"	6000 L/min	22 KW
	FAMG650-14	FAFF650-14	FAM650-14	FAMD650-14	FAMH650-14	1-1/2"	6000 L/min	37 KW

*the rated flow of FAMD350 and FAMH350 is 1000L/min

Function Type	FAMG	FAFF	FAM	FAMD	FAMH
Water removal rate	99%	-	-	-	-
Nominal filtration rating	-	3 µm (Filtration efficiency: 99%)	0.3 µm (Filtration efficiency: 99.9%)	0.01 µm (Filtration efficiency: 99.9%)	0.01 µm (Filtration efficiency: 99.9%)
Oil mist density@outlet	-	-	1 mg/m3 (ANR) (=0.8 ppm) (after oil saturation)	0.1 mg/m3 (ANR) (=0.08 ppm) (after oil saturation)	0.1 mg/m3 (ANR) (=0.08 ppm) (after oil saturation)

- FAMG: Eliminates water droplets in the compressed air.
- FAFF: Eliminates impurities such as oil and foreign matter, etc. in compressed air.
- FAM: Eliminates oil mist in compressed air or rust sized 0.3 µm or more, and foreign matter such as carbon.
- FAMD: Eliminates foreign matter sized 0.01 µm or more, or oil particles in an aerosol state.
- FAMH: Incorporates pre-filter (equivalent to the FAM series) into micro mist separator.

PRODUCTS LINK

Filter element



AIR CLEANER(FILTER&DRYER)


Filter Dryer

Technical Data

Port size: NPT (G and PT make to order)
Maximum inlet pressure: 15 bar/220 psi
Maximum outlet pressure: 10 bar/150 psi
Filter element: 0.01µm
Temperature: -5...65°C(No Freeze)

- To separate the oil from the compressed air and at the same time remove excess moisture



	Size type	Manual drain Model	Autodrain model	Port size	Flow	Filter bowl	Element(µm)
	Intermediate	4ZD32	4ZD32-A	1/4	100 SCFM @90 psi	120	0.01µm
		4ZD34	4ZD34-A	3/8			
		4ZD36	4ZD36-A	1/2			

QTY SERIES

QTY Series FRL

Technical Data

Working pressure: 0.5...9.5 bar
Temperature range: -5...50°C (No Freeze)
Filter precision: 40µm



Port size	Regulator	Filter	Lubricator
G1/4"	QTY-08	QSL-08	QIU-08
G3/8"	QTY-10	QSL-10	QIU-10
G1/2"	QTY-15	QSL-15	QIU-15
G3/4"	QTY-20	QSL-20	QIU-20
G1"	QTY-25	QSL-25	QIU-25
G1-1/2"	QTY-40	QSL-40	QIU-40
G2"	QTY-50	QSL-50	QIU-50

HIGH PRESSURE AIR UNITS

JH Series High Pressure FRL

Technical Data

Max. working pressure: 35 bar/ 508 psi
Temperature range: -5...50°C (No Freeze)
Filter precision: 40 µm



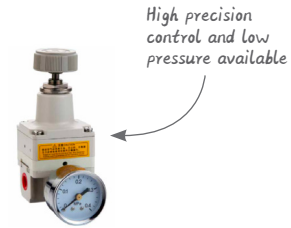
TIPS
 Working pressure can be reach to 35 bar



Port size	Filter regulator	Regulator	Filter
G1/4"	JHW2000	JHR2000	JHF2000
G3/8"	JHW3000	JHR3000	JHF3000
G1/2"	JHW4000	JHR4000	JHF4000
G3/4"	JHW4500	JHR4500	JHF4500
G1"	JHW5000	JHR5000	JHF5000

JIR Precision Regulator

Port size(1)	Regulate range		
	0.05/0.1...2 bar(2)	0.1...4 bar	0.1...8 bar
1/8"	JIR1000-01	JIR1010-01	JIR1020-01
1/4"	JIR2000-02	JIR2010-02	JIR2020-02
1/4"	JIR3000-02	JIR3010-02	JIR3020-02
3/8"	JIR3000-03	JIR3010-03	JIR3020-03
1/2"	JIR3000-04	JIR3010-04	JIR3020-04



(1)Port size: G(NPT and PT make to order)
 (2)JIR1000 and JIR2000: 0.05...2 bar, JIR3000: 0.1...2 bar

PORTABLE AIR TREATMENT KITS

Portable Air Filter

Technical Data

Port size: NPT1/4 or G1/4 (PT make to order)

Working pressure: 0.5...8.5 bar (5...120 psi)

Filter element: 25µm/5µm

Temperature: 5...60°C

- Portable design
- For air tools inlet filter purpose
- Specially for air spray gun application



Function	Model	Port size	Filter element	Drain type	Bowl capacity
Air filter	22L90	1/4 G	5µm, PE	Manual	0.01 L
Air filter	22L90-25M	1/4 G	25µm, brass	Manual	0.01 L
Air filter	22L90N	1/4 NPT	5µm, PE	Manual	0.01 L
Air filter	22L90N-25M	1/4 NPT	25µm, brass	Manual	0.01 L

Portable Lubricator

Technical Data

Port size: NPT1/4 or G1/4 (PT make to order)

Working pressure: 0.5...8.5 bar (5...120 psi)

Material: Aluminum + PC

Temperature: 5...60°C

- Light weight
- Visible oil bowl
- Convenient to fill up the oil



Function	Model	Port size	Adjustable speed
Lubricator	22L56	1/4 G	No
Lubricator	22L56N	1/4 NPT	No

Portable Water Absorber

Technical Data

Port size: NPT1/4 or G1/4 (PT make to order)

Working pressure: 0.5...5 bar (5...70 psi)

Material: PC

Temperature: 5...60°C

- 90%-95% water absorption
- Light weight design
- Multiple thread type available
- Specially for air spray guns
- Non-repairable design

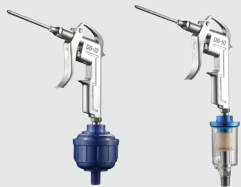


Function	Model	Port size	Water absorption
Water Absorber	22L75	1/4 G	90%...95%
Water Absorber	22L75N	1/4 NPT	90%...95%

APPLICABLE CASE

- Pneumatic scissors
- Pneumatic wrench
- Pneumatic grinders
- Pneumatic nail gun
- Etc..

We also have Air blow guns, please see page 86



PRODUCTS LINK



Quick couplers
See page 82

PRESSURE INDICATOR

QTY Series FRL

Technical Data

Display range: -100...2000 Kpa
Connector thread: G, BSPT(R), NPT optional
Temperature range: 0...60°C
Overroll: 30×30mm

- Multiple output type optional
- Anti-corrosion selection (DPS-5 series)
- Easily use for operator, long lifetime
- Varies scale units can be set
- Precision scale display



Model	Display range	Connector	Output type (optional)	Accessories (optional)
DPS-301	-100...100Kpa	1/8" (R,G or NPT) Brass	NPN+PNP	Panel Panel+cover L bracket Sbracket
DPS-310	-100...1000Kpa			
DPS-316	0...1600Kpa			
DPS-201	-100...100Kpa	1/8" (R,G or NPT) Brass	2×NPN, 2×PNP, NPN+1...5V, PNP+1...5V, NPN+4...20mA, PNP+4...20mA	
DPS-210	-100...1000Kpa			
DPS-501	-100...100Kpa	1/4" (R,G or NPT) Stainless steel	2×NPN+1...5V, 2×PNP_1...5V, 2NPN+4...20mA, 2×PNP+4...20mA	
DPS-511	-100...1000Kpa			
DPS-520	-100...2000Kpa			

Pressure Gauges



Material
Shell: Steel
Lens: Plastic
Connector: Brass

Applied For
Series: JA, AB, JX, JS



Material
Shell: Plastic
Lens: Plastic
Connector: Brass

Applied For
Series: 4Z

Model	Connection	Len Size	Color	Salce (optional)
AMG-10-1/8	1/8	40mm	Black or white	Bar/Psig(Mpa)
AMG-10-1/4	1/4	50mm	Black or white	Bar/Psig(Mpa)

G is standard thread type, for NPT or BSPT(R) request make to order

Model	Connection	Len Size	Color	Salce (optional)
4FLZ8	1/8	40mm	Black	Kpa/Psi(Bar/Mpa)
4FMC7	1/4	50mm	Black	Kpa/Psi(Bar/Mpa)

NPT is standard thread type, for G or BSPT(R) request make to order



Material
Shell: Plastic
Lens: Plastic
Connector: Brass

Applied For
Series: JO



Model	Connection	Len Size	Color	Salce (optional)
OMG-16-1/8	1/8	40mm	Black	0...16 bar / 0...1.6Mpa [0...240Psi]
OMG-10-1/8	1/8	40mm	Black	0...10 bar / 0...1.6Mpa [0...150Psi]
OMG-7-1/8	1/8	40mm	Black	0...7 bar / 0...0.7Mpa [0...110Psi]
OMG-16-1/4	1/4	50mm	Black	0...16 bar / 0...1.6Mpa [0...240Psi]
OMG-10-1/4	1/4	50mm	Black	0...10 bar / 0...1.6Mpa [0...150Psi]
OMG-7-1/4	1/4	50mm	Black	0...7 bar / 0...0.7Mpa [0...110Psi]

G is standard thread type, for NPT or BSPT(R) request make to order

TIPS

We offer various sizes and types of pressure gauges, if you need more information, please contact us

PRESSURE SWITCH (CONTROLLER)

Technical Data

Applied for: -100...2000 Kpa

Allowable fluid temp: G,BSPT(R),NPT optional
With SPDT contact mechanism

- Renovated micro-switch structure ensures the reliable switch function
- Manual-controlled and instruments free while function test
- G1/4 connector size



Pressure type	Model	Pressure Range(bar)		Differential Range(bar)		Factory Setting(bar)		Max.Pressure(bar)
		Min	Max	Min	Max	Off	On	
Low	HLP502	0.25	1.5	0.2	1	1	0.5	16.5
Low	HLP503	-0.7	3	0.5	1.5	2	1	
Low	HLP506	-0.7	6	0.6	3	3	2	
Low	HLP506M	-0.7	6	Reset diff.	≤ 1	3	Man.Reset	
Low	HLP110	1	10	1	3	6	5	35
High	HLP516	5	16	1	4	10	8	
High	HLP520	5	24	2	5	16	13	
High	HLP530D	5	30	5	10	20	15	
High	HLP530	8	30	Fixed 3...5		20	15-17	16.5
High	HLP530M	8	30	Reset diff.	≥ 4	20	Man.Reset	
Dual L-H	HLP830	0.7	6	0.6	4	3	2	
		8	30	Fixed 3...5		20	15	
Dual L-H	HLP830HM	0.7	6	0.6	4	3	2	165
		8	30	Reset diff.	≥ 4	20	Man.Reset	35
Dual L-H	HLP830HLM	0.7	6	Reset diff.	≤ 1	3	Man.Reset	16.5
		8	30	Reset diff.	≥ 4	20	Man.Reset	35

EXTERNAL AUTOMATIC DRAIN

- **Application:** The auto drain are often installed in the place which are inconvenient for manual discharge of sewage, such as the low places of auto-remove piping, frozen type air drying machine, oil separator, air storage tank and the bottom of various air filters.
- **Function:** Auto drain/Air shut-off drain/Manual drain
- **Attention:** The drainer should be installed vertically and the drain port should face down while using.



Port Size	Model	Port size	Model
NPT1/4	42K11	G1/4	JAD402-02
		G3/8	JAD402-03
		G1/2	JAD402-04

SAFETY LOCK-OUT VALVE

- Manually operated valve can be used to prevent accidents caused by residual pressure in pneumatic lines
- Possible to verify the supply and exhaust status of air flow at a glance
- 3-way safety lock-off (pressure relief) valve can be padlocked in the closed (vented) position only. Installed in the pressure inlet of pneumatic devices.

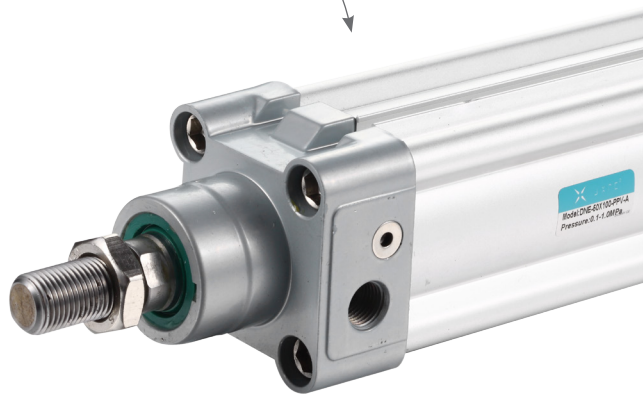


Model	Port size		Flow Data(IN→OUT)			Flow Data(IN→OUT)		
	In, Out	EXH	C(dm³/s-bar)	b	Cv	C(dm³/s-bar)	b	Cv
JVHS2000-02	G1/4"	G1/8"	3.3	0.4	0.88	3.1	0.5	0.8
JVHS2000-03	G3/8"	G1/4"	8.3	0.41	2.30	7.0	0.4	1.9
JVHS2000-04	G1/2"	G3/8"	14.2	0.39	3.80	13.30	0.4	3.6

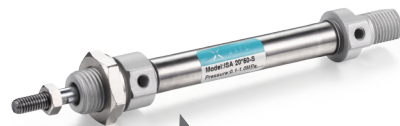
Air Cylinders

JXPC provides wide varies(Range) and high preeminent quality whole series air cylinders, from standard to nonstandard, from slide table to rod-less, to meet the mainstream demand of market. No matter the demand are from MRO or OEM, we can offer the best service and high performance products. We are also available to offer make to order service on the air cylinders.

*Need economic alternative?
Use Tie Rod or new designed
Barrel.*



*Over 4 alternative
optional*



*Bigger bore size
needed?*

FAST FIND GUIDE

Tips: Below models represent the core products of our air cylinder lines, if you are looking for the models beyond, please ask our service staff directly.

• Square Cover Cylinders

<p>DNC/DNT/DNE ISO15552 Φ32...125mm</p>  <p>Page 31</p>	<p>DNG ISO15552 Φ160...320mm</p>  <p>Page 31</p>	<p>SI ISO6431 Φ32...200mm</p>  <p>Page 32</p>	<p>SC/SU Tie Rod Φ32...250mm</p>  <p>Page 32</p>	<p>KITS DNC/DNG/SI/SC Φ32...320mm</p> 
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• Roundline Cylinders

<p>ISA ISO6432 Φ8...40mm</p>  <p>Page 34</p>	<p>MA Φ16...40mm</p>  <p>Page 34</p>	<p>MAL Φ16...40mm</p>  <p>Page 34</p>	<p>SJ Φ6...16mm</p>  <p>Page 35</p>	<p>YG Φ20...63mm</p>  <p>Page 35</p>	<p>SM Φ20...40mm</p>  <p>Page 35</p>
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• Compact Cylinders

<p>ADN ISO21287 Φ12...63mm</p>  <p>Page 36</p>	<p>SDA Φ12...100mm</p>  <p>Page 36</p>	<p>CQ Φ12...100mm</p>  <p>Page 37</p>	<p>CP Φ6...15mm</p>  <p>Page 37</p>	<p>CU Φ6...32mm</p>  <p>Page 37</p>
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• Slide Table & Air Grippers

<p>JXW Φ10...32mm</p>  <p>Page 40</p>	<p>JXH Φ6...20mm</p>  <p>Page 40</p>	<p>JXS Φ6...25mm</p>  <p>Page 40</p>	<p>JXQ Φ6...25mm</p>  <p>Page 40</p>	<p>JHC/JHY/JHZ Φ6...40mm</p>  <p>Page 39</p>	<p>JHL Φ10...40mm</p>  <p>Page 39</p>
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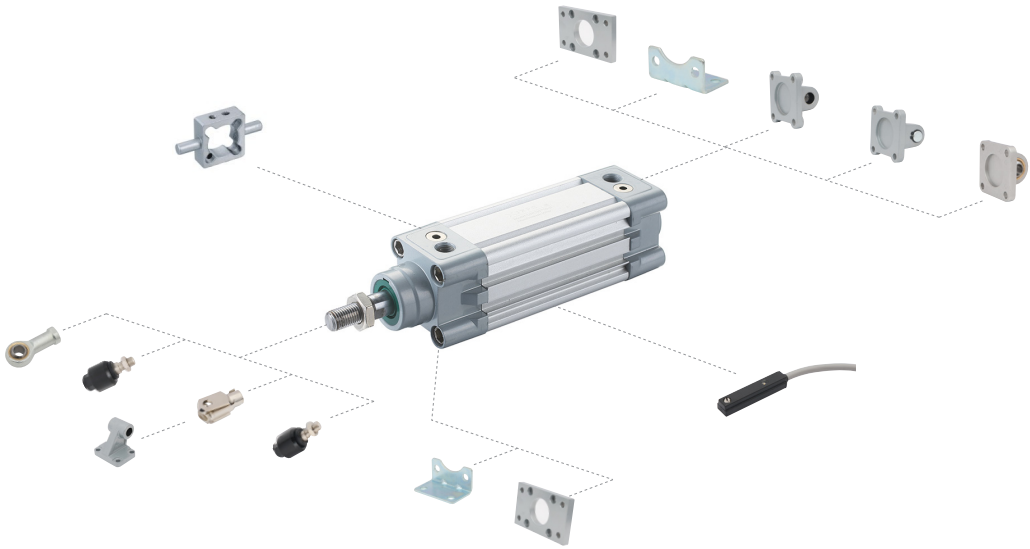
• Guide Cylinders & Others








<p>TN Φ10...32mm</p>  <p>Page 38</p>	<p>JG Φ12...63mm</p>  <p>Page 38</p>	<p>JXC Φ6...32mm</p>  <p>Page 38</p>	<p>JSQ Φ10...200mm</p>  <p>Page 41</p>	<p>RLC Φ6...63mm</p>  <p>Page 41</p>	<p>AC/AD</p>  <p>Page 41</p>
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• Accessories

Square cover cylinders	Mounting bracket/Proximity switch	30
Roundline cylinders	Mounting bracket/Rod clevis/Proximity switch	33

SQUARE COVER CYLINDERS



		DNC/DNT/DNE	DNG	SI	SC/SU
	Flange mounting	FA-32...125	FA-160...200	FA-32...200	TFA-32...250
	Foot mounting	LB-32...125	LB-160...200	LB-32...200	TLB-32...250
	Trunnion flange	TC-32...125	TC-160...200	TC-32...100	TTC-32...250
	Single earring	CA-32...125	CA-160...200	CA-32...100	TCA-32...250
	Double earring	CB-32...100	CB-160...200	CB-32...100	TCB-32...250
	Switch bracket	-	PM-160...200	PI-32...200	PM-32...200
	Proximity switch	JX-31(R/N/P)	JX-21(R/N/P)	JX-21(R/N/P)	JX-21(R/N/P)



PRODUCT LINKS

Cylinder rod clevis

For different rod end thread size, applied for most of cylinders
See page 33



SQUARE COVER CYLINDERS

DNC/DNT/DNE ISO15552 Double acting – Φ 32...125 mm

Technical Data

Medium: Filtered, lubricated compressed air

Working pressure: 1...10 bar

Speed range: 50~800 mm/s

Port size: G1/8, G1/4, G3/8, G1/2

- Conforms to ISO15552 & ISO6431
- Shock resistant design
- A wide range of optional accessories
- Adjustable air cushion



Ordering Code

DN	C		50	x 100	-		S
Series NO.	Tube type	Shaft type	Bore size	Stroke	Adjustable stroke	Magnet	
	C Square type	Blank Single shaft	32 32mm	25mm	Blank Not adjustable	Blank No magnet	
	E New Micky Mouse type	D Double shaft	40 40mm	50mm	25 25mm	S With magnet	
	T Tie-rod type	J Double shaft adjustable stroke	50 50mm	75mm	50 50mm		
			63 63mm	100mm	75 75mm		
			80 80mm	...			
			100 100mm	2000mm			
			125 125mm				

DNG ISO15552 Double acting – ϕ 160...320 mm

Technical Data

Medium: Filtered, lubricated compressed air

Working pressure: 1...10 bar

Speed range: 50~500 mm/s

Port size: G3/4, G1

- Conforms to ISO15552 & ISO6431
- Big bore size
- Adjustable air cushion



Ordering Code

DNG		200	x 100	-		- S
Series NO.	Shaft type	Bore size	Stroke	Adjustable stroke	Magnet	
	Blank Single shaft	160 160mm	25mm	Blank Not adjustable	Blank No magnet	
	D Double shaft	200 200mm	50mm	25 25mm	S With magnet	
	J Double shaft adjustable stroke	250 250mm	...	50 50mm		
		320 320mm	2000mm	75 75mm		

PRODUCT LINKS

Each spare parts can be offered separately for assembly or maintenance purpose



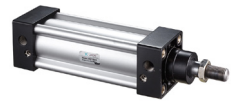
SQUARE COVER CYLINDERS

SI ISO6431 Double acting – Φ 32...200 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...9 bar
Speed range: 50–800 mm/s
Port size: G1/8, G1/4, G3/8, G1/2, G3/4

- Conforms to ISO6431
- A wide range of optional accessories
- Adjustable air cushion
- Alternative to CP96/RPA802000/61 series cylinder



Ordering Code

SI		50	x 100	-		S
Series NO.	Shaft type	Bore size	Stroke	Adjustable stroke	Magnet	
	Blank Single shaft	32 32mm	25mm	Blank No adjustable	Blank No magnet	
	D Double shaft	40 40mm	50mm	25 25mm	S With magnet	
	J Double shaft adjustable stroke	50 50mm	75mm	50 50mm		
		63 63mm	100mm	75 75mm		
		80 80mm	...			
		100 100mm	2000mm			
		125 125mm				
		160 160mm				
		200 200mm				

SC/SU Double acting - Φ32...250 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...9 bar
Speed range: 30–800 mm/s
Port size: G1/8, G1/4, G3/8, G1/2, G3/4

- Light weight design
- Economic choose
- A wide range of optional accessories
- Adjustable air cushion



Ordering Code

SC		50	x 100	-		S
Series NO.	Shaft type	Bore size	Stroke	Adjustable stroke	Magnet	
SC Tie-rod tube type	Blank Single shaft	32 32mm	25mm	Blank Not adjustable	Blank No magnet	
SU Micky mouse type	D Double shaft	40 40mm	50mm	25 25mm	S With magnet	
	J Double shaft adjustable stroke	50 50mm	75mm	50 50mm		
		63 63mm	100mm	75 75mm		
				
		250 250mm	2000mm			

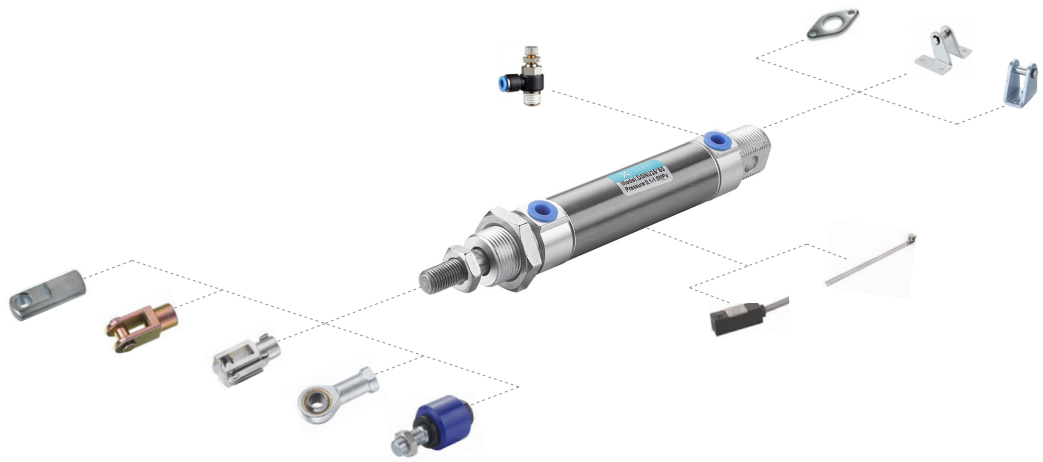
TIPS







JXPC keeps sufficient raw materials of standard cylinders to ensure the delivery on time.

MAKE TO ORDER

We are available to offer customized cylinders and packaging according to your request. Contact us to get more details.

ROUNDLINE CYLINDERS



		ISA	MA	MAL	SJ	SM	YG
	Flange mounting	MFA16...40	MFA16...40	MFA16...40	-	MFA20...40	-
	Foot mounting	MLB16...40	MLB16...40	MLB16...40	-	MLB20...40	-
	Single earring	MSDB16...40	MSDB16...40	MSDB16...40	-	MSDB20...40	-
	U type bracket	MU-8...25	MU-8...25	MU-8...25	-	MU-20...25	-
	Switch bracket				BK-81		
	Proximity switch				JC-03/JC-15(R/P/N)		

Rod Clevis	M6X1.0	M8X1.25	M10X1.25	M12X1.25	M16X1.5	M20X1.5	M27X2.0	M36X2.0
	Y-12/16	Y-20	Y-25/32	Y-40	Y-50/63	Y-80/100	Y-125	Y-160/200
	YC-12/16	YC-20	YC-25/32	YC-40	YC-50/63	YC-80/100	YC-125	-
	-	-	TY-25/32	TY-40	TY-50/63	TY-80/100	TY-125	TY-160/200
	I-12/16	I-20	I-25/32	I-40	I-50/63	PHS-80/100	I-125	-
	PHS-12/16	PHS-20	PHS-25/32	PHS-40	PHS-50/63	I-80/100	PHS-125	PHS-160/200
	UJ-12/16	UJ-20	UJ-25/32	UJ-40	UJ-50/63	UJ-80/100	UJ-125	-

ROUNDLINE CYLINDERS

ISA ISO6432 Single acting/Double acting - Φ 8...40 mm

Technical Data

Medium: Compressed air, filtered, lubricated
Working pressure: 1...10 bar
Speed range: 50-750 mm/s
Port size: M5 x 0.8, G1/8, G1/4

- Stainless steel barrel
- Φ 8...25 mm Conforms to ISO6432
- Stainless steel piston rod optional
- Air cushion optional
- Alternative to DSNU/MA6432/C85/C75 cylinder



Ordering Code

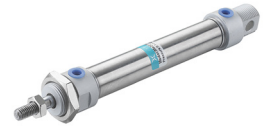
ISA				16	x	100	-		S	-			
Series NO.		Cylinder type		Bore size		Stroke		Adjustable stroke		Magnet		Tail type	
ISA	With rubber cushion	Blank	Single shaft, double acting	8	8mm	10mm		Blank	Not adjustable	Blank	No magnet	Blank	Swiveling
ISAC	With air cushion	D	Double shaft	10	10mm	15mm		25	25mm	S	With magnet	CM	Round
		J	Double shaft adjustable stroke	12	12mm	20mm		50	50mm			U	Flat
		R	Single return type	16	16mm	25mm		75	75mm				
		T	Single extend type							
				40	40mm	800mm							

MA Single acting/Double acting - Φ 16...40 mm

Technical Data

Medium: Compressed air, filtered, lubricated
Working pressure: 1...10 bar
Speed range: 50-800 mm/s
Port size: M5 x 0.8, G1/8, G1/4

- Stainless steel barrel
- Stainless steel piston rod optional
- Air cushion optional



Ordering Code

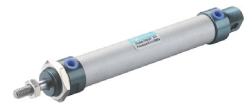
MA				16	x	100	-		S	-			
Series NO.		Cylinder type		Bore size		Stroke		Adjustable stroke		Magnet		Tail type	
MA	With rubber cushion	Blank	Single shaft, double acting	16	16mm	10mm		Blank	Not adjustable	Blank	No magnet	Blank	Swiveling
MAC	With air cushion	D	Double shaft	20	20mm	15mm		25	25mm	S	With magnet	CM	Round
		J	Double shaft adjustable stroke	25	25mm	20mm		50	50mm			U	Flat
		R	Single return type	32	32mm	25mm		75	75mm				
		T	Single extend type	40	40mm	...							
				...		800mm							

MAL Single acting/Double acting - Φ 16...40 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...10 bar
Speed range: 50-800 mm/s
Port size: M5 x 0.8, G1/8, G1/4

- Aluminum barrel
- Reparable design
- Air cushion optional



Ordering Code

MAL				16	x	100	-		S	-			
Series NO.		Cylinder type		Bore size		Stroke		Adjustable stroke		Magnet		Tail type	
MAL	With rubber cushion	Blank	Single shaft, double acting	16	16mm	10mm		Blank	Not adjustable	Blank	No magnet	Blank	Swiveling
MALC	With air cushion	D	Double shaft	20	20mm	15mm		25	25mm	S	With magnet	CM	Round
		J	Double shaft adjustable stroke	25	25mm	20mm		50	50mm			U	Flat
		R	Single return type	32	32mm	25mm		75	75mm				
		T	Single extend type	40	40mm	...							
				...		800mm							

SJ Double acting - Φ 10...16 mm

Technical Data

Medium: Filtered, lubricated and non-lubricated compressed air
Working pressure: 0.06...7 bar
Speed range: 50-750 mm/s
Port size: M5 x 0.8

- Stainless steel tube
- Alternative to CJ2 cylinder



Ordering Code

SJ		12	x 50	- S	- U
Series NO.	Cylinder type	Bore size	Stroke	Magnet	Head cover port location
	Blank Single shaft, double acting	10 10mm 16 16mm	10mm 15mm ... 200mm	Blank No magnet SB withmagnetand bandmounting SA withmagnet andrailmounting	Blank Perpendicular to axis R Axial

SM Double acting - Φ 20...40 mm

Technical Data

Medium: Filtered, lubricated and non-lubricated compressed air
Working pressure: 0.5...10 bar
Speed range: 50-750 mm/s
Port size: G1/8, G1/4

- Stainless steel barrel
- Alternative to CM2 cylinder



Ordering Code

SM		25	x 50	S	-	
Series NO.	Cylinder type	Bore size	Stroke	Magnet	Tail type	
SM With rubber cushion	Blank Single shaft, double acting D Double shaft J Double shaft adjustable stroke	20 20mm 25 25mm 32 32mm 40 40mm	25mm 50mm 75mm ... 300mm	Blank No magnet S With magnet	U Flat CA Swiveling CM Round	

YG Double acting - Φ 20...100 mm

Technical Data

Medium: Filtered, lubricated and non-lubricated compressed air
Working pressure: 0.5...10 bar
Speed range: 50-1000 mm/s for bore size 20...63
 50-700 mm/s for bore size 80...100
Port size: G1/8, G1/4, G3/8, G1/2

- Aluminum barrel
- Round cover
- Repairable design
- Alternative to CG1 cylinder



Ordering Code

YG		32	x 100	S	-	
Series NO.	Cylinder type	Bore size	Stroke	Magnet	Piston rod thread	
	Blank Single shaft, double acting D Double shaft C Air cushion type	20 20mm 25 25mm 32 32mm 40 40mm 50 50mm 63 63mm 80 80mm 100 100mm	25mm 50mm 75mm 100mm ... 1500mm	Blank No magnet S With magnet	Blank Female M Male N No thread	

COMPACT CYLINDERS

ADN Single acting/Double acting - Φ 12...125 mm

Technical Data

Medium: Filtered, lubricated compressed air

Working pressure: 1...10 bar

Speed range: 30-500 mm/s

Port size: M5 x 0.8, G1/8, G1/4

- Conforms to ISO21287
- A wide range of optional accessories
- Piston rod with choice of male or female thread
- Sensor slots on three sides for flush mounting of proximity sensors



Ordering Code

ADN		32	x 50	-	S	-	
Series NO.	Shaft type	Bore size	Stroke	Magnet	Tail type		
	Blank Single shaft, double acting	12 12mm	ADN 5mm	Blank No magnet	Blank Female		
	D Double shaft	16 16mm	ADNR/ADNT 5mm	S With magnet	M Male		
	C Air cushion type	20 20mm	10mm				
	R Single return type	25 25mm	10mm [AEN12 max]				
	T Single extend type	32 32mm	15mm				
		40 40mm	...				
		50 50mm	100mm				
		63 63mm					
		80 80mm					
		100 100mm					
		125 125mm					

SDA Single acting/Double acting - Φ 12...100 mm

Technical Data

Medium: Filtered, lubricated compressed air

Working pressure: Double acting: 1.5...10 bar
Single acting: 2...10 bar

Speed range: Double acting: 30-500 mm/s
Single acting: 50-500 mm/s

Port size: M5 x 0.8, G1/8, G1/4, G3/8

- Bore size up to 100 mm
- High cost efficiency choice



Ordering Code

SDA		25	x 50	-		S	-	
Series NO.	Shaft type	Bore size	Stroke	Adjustable stroke	Magnet	Piston rod thread type		
	Blank Single shaft, double acting	12 maximum stroke 50 mm	5mm	Blank Not adjustable	Blank No magnet	Blank Female		
	D Double shaft	16 maximum stroke 50 mm	10mm	25 25mm	S With magnet	M Male		
	J Double shaft, adjustable stroke type	20 20mm	15mm	50 50mm				
	R Single return type	25 25mm	20mm	75 75mm				
	T Single extend type	100 100mm				
		100 100mm	120mm					

PRODUCT LINKS

Cylinder kits and maintenance parts are available to offer, please contact us directly to get more information.



CQ Single acting/Double acting - Φ 12...100 mm

Technical Data

Medium: Filtered, lubricated compressed air

Working pressure: 1...10 bar

Speed range: 50-500 mm/s

Port size: M5 x 0.8, G1/8, G1/4, G3/8

- Suitable for MRO interchange purpose
- Alternative to CQ2 cylinder



Ordering Code

CQ			25	x	100		-	S				
Series NO.	Mounting type		Cylinder type		Bore size	Stroke	Adjustable stroke		Magnet	Piston rod thread type		
	Blank	Through hole	Blank	Single shaft, double acting	12 12mm	5 5mm	Blank	Not adjustable	Blank	No magnet	Blank	Female
	A	Female thread at both ends	D	Double shaft	16 16mm	10 10mm	S	With magnet	S	With magnet	M	Male
			J	Double shaft adjustable stroke	20 20mm	15 15mm						
			R	Single return type	25 25mm	20 20mm						
			T	Single extend type						
					100 100mm	100 100mm						

CP Single acting - Φ 6...15 mm

Technical Data

Medium: Filtered, lubricated and non-lubricated compressed air

Working pressure: 3...7 bar (bore size 4mm);

2...7 bar (bore size 6mm);

1.5...7 bar (bore size 10mm and 15mm)

Speed range: 50-500 mm/s

Port size: M3 x 0.5, M3 x 0.8

- Panel or embedded mounting type
- Small bore size
- Alternative to CJP cylinder



Ordering Code

CP		10	x	15		
Series NO.	Mounting type		Bore size	Stroke	Piston rod thread type	
Single acting, spring return type	B	Panel	4 4mm	5mm	Blank	With thread
	S	Embedded	6 6mm	10mm	B	No thread
			10 10mm	15mm		
			15 15mm			

CU Free installation Single acting/Double acting - Φ 6...32 mm

Technical Data

Medium: Filtered, lubricated and non-lubricated compressed air

Working pressure: Maximum 7 bar

Speed range: 50-500 mm/s

Port size: M5 x 0.8, G1/8

- Compact design
- Multiple installation mode
- Alternative to CU cylinder



Ordering Code

CU			16	x	25	S		
Series NO.	Cylinder type		Acting type		Bore size	Stroke	Magnet	
	Blank	Basic type	Blank	Double acting	6 6mm	5mm	Blank	No magnet
	K	Non-rotary piston rod	R	Single return type	10 10mm	10mm	S	With magnet
	W	Double shaft	T	Single extend type	16 16mm	15mm		
	KW	Double shaft and non-rotary piston rod			20 20mm	...		
					25 25mm	50mm		
					32 32mm			

GUIDE CYLINDERS

TN Double shaft cylinder - Φ 10...32 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...10 bar
Speed range: 30-500 mm/s
Port size: M5 x 0.8, G1/8

- Double shaft, double output
- Non-rotary piston rod
- Alternative to TN cylinder



Ordering Code

TN	10	x 50	-	S
Series NO.	Bore size		Stroke	Magnet
	10	10mm	10mm	Blank No magnet
	15	15mm	20mm	S With magnet
	20	20mm	30mm	
	25	25mm	...	
	32	32mm	100mm	

JG Three shaft cylinder - Φ 12...63 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...10 bar
Speed range: 30-500 mm/s
Port size: M5 x 0.8, G1/8, G1/4

- Lateral load resistance
- Multiple mounting direction
- Alternative to MGP cylinder



Ordering Code

JG	M	25	x 50	-	S
Series NO.	Bearing type	Bore size	Stroke	Magnet	
	M Slide bearing	12	12mm	S With magnet	
	L Ball guide bearing	16	16mm		
		20	20mm		
		25	25mm		
		32	32mm		
			
		63	63mm		

JXC Double shaft cylinder - Φ 6...32 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...10 bar
Speed range: 30-500 mm/s
Port size: M5 x 0.8, G1/8

- Double shaft, double output
- Non-rotary piston rod
- Alternative to CXS cylinder



Ordering Code

JG	M	10	x 50	-	S
Series NO.	Bearing type	Bore size	Stroke	Magnet	
	M Slide bearing	6	6mm	S With magnet	
	L Ball guide bearing	10	10mm		
		15	15mm		
		20	20mm		
		25	25mm		
		32	32mm		

AIR GRIPPERS

JHC/JHY/JHZ Two fingers Double acting/Single acting- Φ 6...40 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...7 bar
Port size: M3 x 0.5, M5 x 0.8

- Double piston structure with large clamping torque
- Compact design
- Alternative to MHC2/MHY2/MHZ2 gripper



JHC



JHY



JHZ

Ordering Code

JHZ	10	-	<input type="checkbox"/>	-	S																						
Series NO.	Bore size	Acting type		Magnet																							
JHZ: Parallel air gripper JHY: 180°angular type air gripper JHC: Point air gripper	<table border="1"> <tr><td>6*</td><td>6mm</td></tr> <tr><td>10</td><td>10mm</td></tr> <tr><td>16</td><td>16mm</td></tr> <tr><td>20</td><td>20mm</td></tr> <tr><td>25</td><td>25mm</td></tr> <tr><td>32*</td><td>32mm</td></tr> <tr><td>40*</td><td>40mm</td></tr> </table> <p><small>ϕ6 only available for JHZ ϕ32,ϕ40 not available for JHY</small></p>	6*	6mm	10	10mm	16	16mm	20	20mm	25	25mm	32*	32mm	40*	40mm	<table border="1"> <tr><td>Blank</td><td>Double acting</td></tr> <tr><td>S0</td><td>Single acting normally open</td></tr> <tr><td>SC</td><td>Single acting normally closed</td></tr> </table>		Blank	Double acting	S0	Single acting normally open	SC	Single acting normally closed	<table border="1"> <tr><td>S</td><td>With magnet</td></tr> </table>		S	With magnet
6*	6mm																										
10	10mm																										
16	16mm																										
20	20mm																										
25	25mm																										
32*	32mm																										
40*	40mm																										
Blank	Double acting																										
S0	Single acting normally open																										
SC	Single acting normally closed																										
S	With magnet																										

JHL Wide stroke gripper Φ 10...40 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...6 bar

- Suitable for clamping large workpiece with large size difference
- Alternative to MHL2 gripper



Ordering Code

JHL	10	-	A																																								
Series NO.	Bore size	Finger open/Close stroke																																									
	<table border="1"> <tr><td>10</td><td>10mm</td></tr> <tr><td>16</td><td>16mm</td></tr> <tr><td>20</td><td>20mm</td></tr> <tr><td>25</td><td>25mm</td></tr> <tr><td>32</td><td>32mm</td></tr> <tr><td>40</td><td>40mm</td></tr> </table>	10	10mm	16	16mm	20	20mm	25	25mm	32	32mm	40	40mm	<table border="1"> <thead> <tr> <th>Bore</th> <th>ϕ10</th> <th>ϕ16</th> <th>ϕ20</th> <th>ϕ25</th> <th>ϕ32</th> <th>ϕ40</th> </tr> </thead> <tbody> <tr> <td>Blank</td> <td>20</td> <td>30</td> <td>40</td> <td>50</td> <td>70</td> <td>100</td> </tr> <tr> <td>A</td> <td>40</td> <td>60</td> <td>80</td> <td>100</td> <td>120</td> <td>160</td> </tr> <tr> <td>B</td> <td>60</td> <td>80</td> <td>100</td> <td>120</td> <td>160</td> <td>200</td> </tr> </tbody> </table>		Bore	ϕ 10	ϕ 16	ϕ 20	ϕ 25	ϕ 32	ϕ 40	Blank	20	30	40	50	70	100	A	40	60	80	100	120	160	B	60	80	100	120	160	200
10	10mm																																										
16	16mm																																										
20	20mm																																										
25	25mm																																										
32	32mm																																										
40	40mm																																										
Bore	ϕ 10	ϕ 16	ϕ 20	ϕ 25	ϕ 32	ϕ 40																																					
Blank	20	30	40	50	70	100																																					
A	40	60	80	100	120	160																																					
B	60	80	100	120	160	200																																					

JHQ Rotary gripper Φ 10...25 mm

Technical Data

Medium: Filtered, lubricated compressed air
Working pressure: 1...7 bar
Rotary angle tolerance: $\pm 10^\circ$

- Air gripper and rotary function compact integration
- Rotary range and angle can be adjusted



Ordering Code

JHQ	10	D	-	90	S																		
Series NO.	Bore size	Acting type		Rotation angle	Vane																		
	<table border="1"> <tr><td>10</td><td>10mm</td></tr> <tr><td>16</td><td>16mm</td></tr> <tr><td>20</td><td>20mm</td></tr> <tr><td>25</td><td>25mm</td></tr> </table>	10	10mm	16	16mm	20	20mm	25	25mm	<table border="1"> <tr><td>D</td><td>Double acting</td></tr> <tr><td>S0</td><td>Single acting, normally open</td></tr> <tr><td>SC</td><td>Single acting, normally closed</td></tr> </table>		D	Double acting	S0	Single acting, normally open	SC	Single acting, normally closed	<table border="1"> <tr><td>90°</td></tr> <tr><td>180°</td></tr> </table>	90°	180°	<table border="1"> <tr><td>S</td><td>Single vane</td></tr> </table>	S	Single vane
10	10mm																						
16	16mm																						
20	20mm																						
25	25mm																						
D	Double acting																						
S0	Single acting, normally open																						
SC	Single acting, normally closed																						
90°																							
180°																							
S	Single vane																						

SLIDE TABLES

JXW Double acting double shaft- Φ 10...32 mm

Technical Data

Working pressure: 1.5...7 bar for bore 6, 10, 15
1...7 bar for bore 20, 25, 32

Speed range: 50...500 mm/s

Port size: M5 x 0.8, G1/8

- Thin cylinder with high precision guiding function for pickup and release processing
- Alternative to CXSW cylinder



Ordering Code

JXW	M	16	x	50	-	S
Series NO.	Bearing type	Bore size		Stroke		Magnet
	M Slide bearing L Ball guide bearing	6 6mm 10 10mm 15 15mm 20 20mm 25 25mm 32 32mm		10mm 20mm 30mm ... 100mm		S With magnet

JXH Double acting - Φ 6...20 mm

Technical Data

Working pressure: Maximum 7 bar

Speed range: 50-500 mm/s

Port size: M5 x 0.8

- Excellent linearity and non - turning accuracy
- 3 directional pipe connection available
- Alternative to MXH slide table



Ordering Code

JXH	10	x	30	-	S
Series NO.	Bore size		Stroke		Magnet
	6 6mm 10 10mm 16 16mm 20 20mm		5mm 10mm ... 60mm		S With magnet

JXS/JXQ Double acting - Φ 6...25 mm

Technical Data

Working pressure: 1.5-7 bar

Speed range: 50-500 mm/s

Port size: M5 x 0.8

- Suitable for precise assembly
- Can be tightly integrated with the console
- Alternative to MXS/MXQ slide table



JXS

JXQ

Ordering Code

JXS	12	x	30	A	-	
Series NO.	Bore size		Adjuster / Shock absorber			Buffer option
JXS: S type air slide table with magnet JXQ: Q type air slide table with magnet	6 6mm 8 8mm 12 12mm 16 16mm 20 20mm 25 25mm	10.20...50mm 10.20...75mm 10.20...125mm	Blank No adjuster or shock absorber A Adjuster on both ends AS Forward adjuster AT Backward adjuster B* Shock absorber on both ends BS* Forward shock absorber BT* Backward shock absorber			Blank Without buffer F With spring buffer

*: Not available for 6mm bore size

ROTARY TABLE

JSQ Rotary table Φ 10...200 mm

Technical Data

Working pressure: 2-10 bar
Speed range: 50-500 mm/s
Port size: M5 x 0.8

- With angle adjustment function
- The load can be installed direc
- Alternative to MSQ cylinder



Ordering Code

JSQ	B	10	-	A	S
Series NO.	Type	Bore size		Cushion type	Magnet
	A High precision B Basic type	10 10mm 20 20mm 30 30mm 50 50mm	70 70mm 100 100mm 200 200mm	A With adjustable bolt R With shock absorber	S With magnet

*Bore 70...200mm is only available for basic type

RODLESS CYLINDER

RLC Magnetically coupled rodless cylinder Φ 6...63 mm

- Space saving
- Magnetically coupled, widely range usage
- Reinforce bearing, lower sliding resistance



Ordering Code

RLC	S	20	x	200
Series NO.	Cylinder type	Bore size		Stroke
	Blank Basic S Sliding L Ball guide bearing	6 6mm 10 10mm 15 15mm 20 20mm ... 63 63mm		50.100--300mm 50.100--500mm 50.100--1000mm 50.100--1500mm 50.100--2000mm

JAC/JAD Shock absorbers M8...M36

- Suitable for shock absorption applications in a variety of systems
- Compact design, high performance to absorb energy



Ordering Code

JAD	-	25	25	-	1	-	N
Series NO. JAC: Porous fixed JAD: Adjustable JACD: Multi-buffer type	Body male thread		Stroke	Impact speed		Buffer cap	
	08 M8 10 M10 12 M12 14 M14 20 M20 25 M25 36 M36	6mm 8mm 10mm 12mm 16mm ... 250mm	1 High speed 2 Middel speed 3 Low speed	Blank With cap N No cap			

PNEUMATIC ACTUATOR

AT Ø32...165mm

Technical Data

Working pressure: 10 bar maximum

Double acting: 2.5...8 bar

Single acting: 4.5...8 bar

Temperature range: -20...80°C(NBR)

-30...80°C(FKM:)) / -20...150°C(Silicon)

Rotate angle: 90°±5%

- Comply with ISO5211, DIN3337, VDE-3845 and NAMUR standards
- Long life time
- Double acting and single acting are available
- Namur solenoid valve can be mounted easily without bracket
- Seals material is optional for different usage

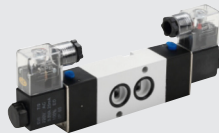


Model (Double acting)	ISO 5211 Mounting			Namur Mounting		Overroll(without indicator)	Torque(N·m)	Single acting
	Flange code	Diameter (mm)	Mounting	Port	Port distance	Length×Width×Height (mm)	Q6 bar	Available ✓
AT-32	F03	Ø36	M5	1/8"	24 mm	108×56×48	8.7	✓
AT-50	F03	Ø36	M5	1/8"	24 mm	146×70×69	20	✓
	F05	Ø50	M6					
AT-63	F03	Ø36	M6	1/4"	24 mm	167×82×85	35.3	✓
	F05	Ø50	M8					
AT-75	F05	Ø50	M6	1/4"	24 mm	213×93×102	69.9	✓
	F07	Ø70	M8					
AT-88	F05	Ø50	M6	1/4"	24 mm	250×105×115	110.1	✓
	F07	Ø70	M8					
AT-100	F07	Ø70	M8	1/4"	24 mm	268×120×125	160.3	✓
	F10	Ø102	M10					
AT-115	F07	Ø70	M8	1/4"	24 mm	316×139×145		
	F10	Ø102	M10					
AT-125	F07	Ø70	M8	1/4"	24 mm	349×147×159	333	✓
	F10	Ø102	M10					
AT-145	F10	Ø102	M10	1/4"	24 mm	418×167×178	521	✓
	F12	Ø125	M12					
AT-160	F10	Ø102	M10	1/4"	24 mm	450×193×197	682	✓
	F12	Ø125	M12					
AT-190	F10	Ø102	M10	1/4"	24 mm	518×208×232	1277	✓
	F14	Ø140	M16					
AT-210	F14	Ø140	M16	1/4"	24 mm	530×226×257		✓
AT-240	F16	Ø165	M16	3/8"	40 mm	660×258×291	2144	✓
AT-270	F16	Ø165	M16	1/2"	40 mm	730×294×332	3121	✓
AT-300	F16	Ø165	M16	1/2"	40 mm	880×333×354		



PRODUCT LINKS

We also have 3M/4M series NAMUR valves for actuator usage.
See page 47



AIR CYLINDER THEORY FORCE TABLE (SINGLE ROD)

Bore (mm)	OD of rod (mm)	Force type	Working area (cm ²)	Air inlet pressure(Bar)			Theoretical force of cylinder (N)			
				2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar
6	3	Push	0.28	5.6	8.4	11.2	14	16.8	19.6	22.4
		Pull	0.21	4.2	6.3	8.4	10.5	12.6	14.7	16.8
10	4	Push	0.79	15.8	23.7	31.6	39.5	47.4	55.3	63.2
		Pull	0.66	13.2	19.8	26.4	33	39.6	46.2	52.8
12	6	Push	1.13	22.6	33.9	43.2	56.5	67.8	79.1	90.4
		Pull	0.85	17	25.5	34	42.5	51	59.5	68
16	6	Push	2.01	40.2	60.3	80.4	100.5	120.6	140.7	160.8
		Pull	1.72	34.4	51.6	68.8	86	103.2	120.4	137.6
20	8	Push	3.14	62.8	94.2	125.7	157.1	188.5	220	251
		Pull	2.64	52.8	79.2	105.6	132	158.4	184.8	211.2
25	10	Push	4.91	98.2	147.3	196.3	245	294	344	393
		Pull	4.12	82.4	123.4	164.8	206	247.2	288.4	329.6
32	12	Push	8.03	160.6	240.9	321.2	401.5	481.8	562.1	642.4
		Pull	6.91	138.2	207.3	276.4	345.5	414.6	483.7	552.8
40	14	Push	12.57	251	377	503	628	754	880	1010
		Pull	11.03	220.3	330.9	441.2	551.5	661.8	772.1	882.4
40	16	Push	12.57	251	377	503	628	754	880	1010
		Pull	10.56	211	317	422	528	633	739	844
50	20	Push	19.63	393	589	785	982	1178	1374	1571
		Pull	16.94	330	495	660	825	990	1155	1319
63	20	Push	31.2	623	935	1247	1559	1870	2180	2490
		Pull	28	561	841	1121	1402	1682	1962	2240
80	25	Push	50.3	1005	1508	2010	2510	3020	3520	4020
		Pull	45.4	907	1361	1814	2270	2720	3170	3630
100	25	Push	78.5	1571	2360	3140	3930	4710	5500	6280
		Pull	71.5	1429	2140	2860	3570	4290	5000	5720
125	32	Push	122.7	2450	3680	4910	6135	7360	8590	9820
		Pull	114.6	2290	3440	4580	5730	6880	8020	9170
160	40	Push	201	4020	6030	8040	10050	12060	14070	16080
		Pull	188.4	3760	5650	7530	9400	11300	13180	15070
200	50	Push	314.2	6280	9420	12560	15710	18850	21990	25130
		Pull	301.4	6020	9040	12050	15070	18080	21090	24110
250	50	Push	490.6	9812	14718	19624	24530	29436	34342	39248
		Pull	471	9420	14130	18840	23550	28260	32970	37680

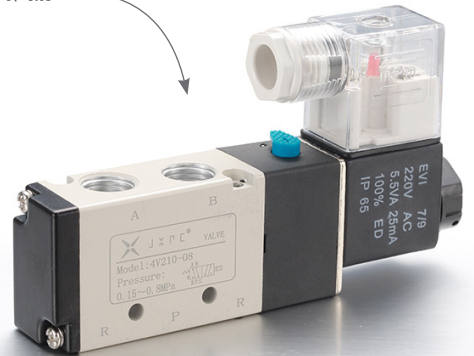
AIR CYLINDER THEORY FORCE TABLE (DOUBLE RODS)

Bore (mm)	OD of rod (mm)	Force type	Working area (cm ²)	Air inlet pressure(Bar)			Theoretical force of cylinder (N)			
				1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar
6	4	Push	0.57	5.7	11.3	17	22.6	28.3	33.9	39.6
		Pull	0.31	3.1	6.3	9.4	12.6	15.7	18.8	22
10	6	Push	1.57	15.7	31.4	47.1	62.8	78.5	94.2	110
		Pull	1.01	10.1	20.1	30.2	40.2	50.3	60.3	70.4
16	8	Push	4.02	40.2	80.4	120.6	160.8	201.1	241.3	281.5
		Pull	3.02	30.2	60.3	90.5	120.6	150.8	181	211.1
20	10	Push	6.28	62.8	125.7	188.5	251.3	314.2	377	439.8
		Pull	4.71	47.1	94.2	141.4	188.5	235.6	282.7	329.9
25	12	Push	9.82	98.2	196.3	294.5	392.7	490.9	589	687.2
		Pull	7.56	75.6	151.1	226.7	302.2	377.8	453.3	528.9
32	16	Push	16.09	160.8	321.7	482.5	643.4	804.2	965.1	1125.9
		Pull	12.06	120.6	241.3	361.9	482.5	603.2	723.8	844.5

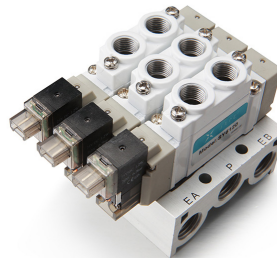
Directional Valve

JXPC has various kinds of directional valves for selection – solenoid valves, air valves, manual operated valves, mechanical valves, foot valves, flow control valves and other functional valves. Our valves can meet most requirements for different applications and industries.

Need more options like coil or operating method of the valves you need?



Check the high cost performance options for your machine.









Integrated connectors






FAST FIND GUIDE

Tips: Below models represent the core products of our directional valves, if you are looking for the models beyond, please ask our service staff directly.

• Solenoid and Pilot Air Control Valves

<p>3V/4V Solenoid M5,G1/8...G1/2</p>  <p>Page 48</p>	<p>3A/4A Air pilot M5,G1/8...G1/2</p>  <p>Page 49</p>	<p>3M/4M Solenoid(Namur) G1/8...G1/2</p>  <p>Page 47</p>	<p>VF/VZ Solenoid G1/8, G1/4, G3/8</p>  <p>Page 46</p>	<p>3V1 Solenoid M5, G1/8</p>  <p>Page 46</p>	<p>4Y Solenoid M5,G1/8,G1/4</p>  <p>Page 48</p>
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• Manual Operated Valves

<p>T32/T52 Hand push G1/8, G1/4</p>  <p>Page 50</p>	<p>4H Hand push G1/8...G1/2</p>  <p>Page 50</p>	<p>3R/4R Hand pull G1/8, G1/4, G3/8</p>  <p>Page 50</p>	<p>FV Flat foot actuated G1/4</p>  <p>Page 51</p>	<p>4F Foot actuated G1/4</p>  <p>Page 51</p>
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• Rotary Hand Valves

<p>K34R6-08 4/3 way G1/8, G1/4</p>  <p>Page 51</p>	<p>HV400-02 4/3 way G1/4, G3/8, G1/2</p>  <p>Page 51</p>	<p>HV-02 4/3 way G1/4, G3/8, G1/2</p>  <p>Page 51</p>	<p>HVS 4/3 way G1/4</p>  <p>Page 51</p>
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• Mechanical Valves

<p>MSV522 5/2 G1/4</p>  <p>Page 49</p>	<p>MSV322 3/2 G1/4</p>  <p>Page 49</p>	<p>MOV322 3/2 G1/4</p>  <p>Page 49</p>	<p>MOV221 2/2 G1/8</p>  <p>Page 49</p>
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• Flow Control Valves

<p>RE Normal type G1/8...G1/2</p>  <p>Page 52</p>	<p>ASC Precise type G1/8...G1/2</p>  <p>Page 52</p>	<p>AS4000 High flow type G1/8...G1/2</p>  <p>Page 52</p>	<p>KA Non return valve G1/8...G1</p>  <p>Page 52</p>	<p>KAM Non return valve G1/8...G1/2</p>  <p>Page 52</p>
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• Functional Valves

<p>QEA/QEB Quick exhaust G1/8...G1</p>  <p>Page 53</p>	<p>QE Quick exhaust G1/8...G3/4</p>  <p>Page 53</p>	<p>HSV Slide G1/8...G1</p>  <p>Page 53</p>	<p>ST Shuttle G1/8...G1</p>  <p>Page 53</p>
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SOLENOID AIR CONTROL VALVE

VF3/VF5 5/2 & 5/3, M5...G3/8

Technical Data

Medium: Compressed and filtered air,

Port size: G1/8, G1/4, G3/8

Working pressure: 1.5...8 bar

Coil: 200 coil

- 5/2, 5/3 actuated valve
- Lead wiring and connector optional
- Manual override provided
- Manifold system for easy installation



Picture	Actuation type	VZ5 (G1/8)	VF3 (G1/4)	VF5 (G3/8)
Flow(l/min) @ 6 bar	5/2	750	1300	1850
	5/3	500	750	1500
5/2 Valve				
	Sol/Spring NC	VZ5120	VF3130	VF5120
	Sol/Sol	VZ5220	VF3230	VF5220
5/3 Valve				
	Sol/Sol CC	VZ5320	VF3330	VF5320
	Sol/Sol COE	VZ5420	VF3430	VF5420
	Sol/Sol COP	VZ5520	VF3530	VF5520

- Note: NC=Normally Closed, CC=Centre Closed, COP=Centre Open Pressure, COE=Centre Open Exhaust.

3V1 3/2, M5, G1/8

Technical Data

Medium: Compressed and filtered air,

Port size: M5, G1/8

Working pressure: 0...8 bar

Coil: 200 coil

- 3 way 2 position actuated valve
- Easy mounting design
- Direct acting normally closed
- Multiple installation methods are available
- With manual override, easy to debug
- Suitable for air compressor system



Code	Port size	Operating pressure (bar)	Mouting type	Electrical connection (A)	Voltage (V)
3V1-M5-(AV)	M5	0...8	Thread connecting	Blank: DIN coil with transparent connector LED W: lead wire type	DC12V, DC24V, AC24V, AC110V, AC220V
3V1-06-(AV)	G1/8	0...8	Thread connecting		
3V1-06B-(AV)	G1/8	0...8	Panel connecting		

Solenoid parameters

Voltage range	DC12V DC24V AC24V AC110V AC220V
Voltage tolerance	±10%
Temperature	-5...60°C
Power consumption	DC: 3.0 W AC: 4.0 VA
Insulation class	Class F
Protective class	IP65 (with sealed plug)
Max. acting frequency	5 cycles per second
Activate times	<=0.05
Manual override	Push and turn to lock

Series	Inlet orifice	Coil for VF/ VZ/3V1/3V/4V/3M/4M series solenoid control valve		Plug type	Lead wire type	With transparent connector LED type	With black transparent connector LED type
		100P	200P				
100 coil	8 mm	100P	100W	100C	100CB		
200 coil	9.2 mm	200P	200W	100C	200CB		



SOLENOID AIR CONTROL VALVE

3V/4V/3M/4M 3/2, 5/2 & 5/3, M5...G1/2

Technical Data

Medium: Compressed and filtered air,
Port size: M5, G1/8, G1/4, G3/8, G1/2
Working pressure: 1.5...8 bar
Coil: 100 coil (4V100 series),
 200 coil (4V200/300/400 series)

- 3/2, 5/2, 5/3 actuated valve
- Internal pilot
- Manifold system for easy installation
 Spare parts like coil, armature, seals,
 can be offered
- 3M, 4M series are NAMUR valve for
 actuator usage



Picture	Actuation Type	M5	G1/8		G1/4		G3/8	G1/2
		Body size	100	100	200	200	300	300
Flow (l/min) @ 6 bar	3/2 & 5/2	400	750	1100	1300	1850	2000	2750
	5/3	350	500	750	750	1500	1500	1800

3/2 Valve								
	Sol/Spring NC	3V110-M5	3V110-06	3V210-06	3V210-08	3V310-08	3V310-10	3V410-15
	Sol/Sol	3V120-M5	3V120-06	3V220-06	3V220-08	3V320-08	3V320-10	3V420-15
	Sol/Spring NC	-	-	3M210-06	3M210-08	3M310-08	3M310-10	3M410-15
	Sol/Sol	-	-	3M220-06	3M220-08	3M320-08	3M320-10	3M420-15
5/2 Valve								
	Sol/Spring NC	4V110-M5	4V110-06	4V210-06	4V210-08	4V310-08	4V310-10	4V410-15
	Sol/Sol	4V120-M5	4V120-06	4V220-06	4V220-08	4V320-08	4V320-10	4V420-15
	Sol/Spring NC	-	-	4M210-06	4M210-08	4M310-08	4M310-10	4M410-15
	Sol/Sol	-	-	4M220-06	4M220-08	4M320-08	4M320-10	4M420-15
5/3 Valve								
	Sol/Sol CC	4V130C-M5	4V130C-06	4V230C-06	4V230C-08	4V330C-08	4V330C-10	4V430C-15
	Sol/Sol COP	4V130P-M5	4V130P-06	4V230P-06	4V230P-08	4V330P-08	4V330P-10	4V430P-15
	Sol/Sol COE	4V130E-M5	4V130E-06	4V230E-06	4V230E-08	4V330E-08	4V330E-10	4V430E-15
	Sol/Sol CC	-	-	4M230C-06	4M230C-08	4M330C-08	4M330C-10	4M430C-15
	Sol/Sol COP	-	-	4M230P-06	4M230P-08	4M330P-08	4M330P-10	4M430P-15
	Sol/Sol COE	-	-	4M230E-06	4M230E-08	4M330E-08	4M330E-10	4M430E-15

Note: NC=Normally Closed, CC=Centre Closed, COP=Centre Open Pressure, COE=Centre Open Exhaust.

PRODUCT LINKS

Manifold valve

Accessories

Series	Manifold	Series	DIN coil with transparent connector LED		DIN coil with black transparent connector LED		Lead wire coil
		4V100		Connector Code JXH-100C		Connector Code JXH-100B	
4V200/4A200	200M-1...24F	4V200	200C	JXH-200C	200CB	JXH-200B	200W
4V300/4A300	300M-1...24F	4V300	200C	JXH-200C	200CB	JXH-200B	200W
4V400/4A400	400M-1...24F	4V400	200C	JXH-200C	200CB	JXH-200B	200W

SOLENOID AIR CONTROL VALVE

4Y 5/2 & 5/3, M5...G1/4

Technical Data

Medium: Compressed and filtered air, no need lubricated

Port size: M5, G1/8, G1/4

Working pressure: 1.5.....7 bar

- 3/2, 5/2, 5/3 actuated valve
- Low power consumption
- Multiple voltage optional
- Integrated connectors
- Interchangeable with SY series



Picture	Actuation Type	M5	G1/8	G1/4	Power consumption	Response	Electrical connection	Voltage (V)				
	Body size	3000 (width 10mm)	5000 (width 15mm)	7000 (width 18mm)								
5/2 Valve internal pilot												
	Sol/Spring NC	4Y3120-[V]	4Y5120-[V]	4Y7120-[V]	1W	< 32ms	L type lead wire with 300 mm length wire and plug	DC12V, DC24V				
	Sol/Sol	4Y3220-[V]	4Y5220-[V]	4Y7220-[V]								
5/3 Valve internal pilot												
	Sol/Sol CC	4Y3320-[V]	4Y5320-[V]	4Y7320-[V]								
	Sol/Sol COE	4Y3420-[V]	4Y5420-[V]	4Y7420-[V]								
	Sol/Sol COP	4Y3520-[V]	4Y5520-[V]	4Y7520-[V]								

Note: NC=Normally Closed, CC=Centre Closed, COP=Centre Open Pressure, COE=Centre Open Exhaust.

INTEGRATED VALVE GROUP

Technical Data

Medium: Compressed and filtered air

Port size: G1/8, G1/4

Working pressure: 1.5...8 bar

Valve numbers: 3 to 14 pcs

- Easy installation and plug with one cable only
- Convenient for maintains
- Much less cables for safety usage



Ordering Code

4V	2	10	MP	07	-	R	08	-	DC24V
Valve series 3V: 3/2 valve 4V: 5/2 valve	Body size 1: 1 series 2: 2 series	Function 10: single coil	Manifold MP: Integrated plug-in type	Valve numbers 03-14		Thread type Blank: G R: PT N: NPT	Thread size 06: 1/8" 08: 1/4"		Voltage DC12V DC24V

D15	-	08	-	5M
Connector D15: 15 pins D-sub connector		Cores numbers 08: 8 cores (for 3-7 valves) 15: 15 cores (for 3-14 valves)		Cable length 1M: 1 meter 2M: 2 meters 3M: 3 meters[customizable]



AIR PILOT CONTROL VALVE

3A/4A 3/2, 5/2 & 5/3, M5...G1/2

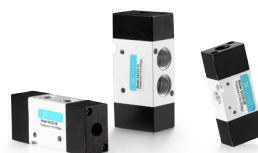
Technical Data

Medium: Compressed and filtered air, no need lubricated

Port size: M5, G1/8, G1/4, G3/8, G1/2

Working pressure: 1.5...8 bar

- 3/2, 5/2, 5/3 actuated valve
- Internal pilot
- Different manual override options available
- Manifold system for easy installation
- Spare parts like armature, seals can be offered



Picture	Actuation type	M5	G1/8		G1/4		G3/8	G1/2
		Body size	100	100	200	200	300	300
Flow (l/min) @ 6 bar	3/2 & 5/2	400	750	1100	1300	1850	2000	2750
	5/3	350	500	750	750	1500	1500	1800
3/2 Valve								
	Air/Spring NC	3A110-M5	3A110-06	3A210-06	3A210-08	3A310-08	3A310-10	3A410-15
	Air/Air	3A120-M5	3A120-06	3A220-06	3A220-08	3A320-08	3A320-10	3A420-15
5/2 Valve								
	Air/Spring NC	4A110-M5	4A110-06	4A210-06	4A210-08	4A310-08	4A310-10	4A410-15
	Air/Air	4A120-M5	4A120-06	4A220-06	4A220-08	4A320-08	4A320-10	4A420-15
5/3 Valve								
	Air/Air CC	4A130C-M5	4A130C-06	4A230C-06	4A230C-08	4A330C-08	4A330C-10	4A430C-15
	Air/Air COP	4A130P-M5	4A130P-06	4A230P-06	4A230P-08	4A330P-08	4A330P-10	4A430P-15
	Air/Air COE	4A130E-M5	4A130E-06	4A230E-06	4A230E-08	4A330E-08	4A330E-10	4A430E-15

Note: NC=Normally Closed, CC=Centre Closed, COP=Centre Open Pressure, COE=Centre Open Exhaust.

MECHANICAL SPOOL VALVE

MSV/MOV 2/2, 3/2 & 5/2, G1/8, G1/4

Technical Data

Medium: Compressed and filtered air

Ambient temperature: 0...60°C

Operating pressure: 0...8 bar

Port size: G1/8, G1/4

- Manually and mechanically operated
- Multiple buttons are available

Material

Body: Aluminum alloy

Seals: NBR



Basic type	Port size	Operating pressure	Function	Valve body overall (mm)	With roller	With selective knob	With lock button (reset)	With convex button	With flat button
MSV522	G1/4	0...8 bar	5/2	84×35×26	-R	-TB	-EB	-PPL	-PP
MSV322	G1/4	0...8 bar	3/2	76×35×26	-R	-TB	-EB	-PPL	-PP
MOV322	G1/4	0...8 bar	3/2	50×44×25	-R	-TB	-EB	-PPL	-PP
MOV221	G1/8	0...8 bar	2/2	35×45×16	-R	-TB	-EB	-PPL	-PP

HAND PUSH VALVE

4H/T32/T52 3/2, 5/2 & 5/3, G1/8...G1/2

Technical Data

Medium: Compressed and filtered air,
Working pressure: 0...8 bar
Port size: G1/8, G1/4, G3/8, G1/2

- Manually operated
- Nut and screw fixing mounting type are both available
- Handle lock and spring return type are optional
- 4H and T32/T52 series for selection



4H series push hand valve

	Handle lock type code	Spring return type code	Function	Port	Overall body LxWxH[mm]
	4H210-06	4H210-06-S	5/2	G1/8	76x35x22
	4H210-08	4H210-08-S	5/2	G1/4	76x35x22
	4H310-08	4H310-08-S	5/2	G1/4	96x40x27
	4H310-10	4H310-10-S	5/2	G3/8	96x40x27
	4H410-10	4H410-10-S	5/2	G3/8	126x50x34
	4H410-15	4H410-15-S	5/2	G1/2	126x50x34
	4H230□-06	4H230□-06-S	5/3	G1/8	95x35x22
	4H230□-08	4H230□-08-S	5/3	G1/4	95x35x22
	4H330□-08	4H330□-08-S	5/3	G1/4	115x40x27
	4H330□-10	4H330□-10-S	5/3	G3/8	115x40x27
	4H430□-10	4H430□-10-S	5/3	G3/8	147x50x34
	4H430□-15	4H430□-15-S	5/3	G1/2	147x50x34

T32/T52 series push hand valve

	Handle lock type code	Spring return type code	Function	Port	Overall body LxWxH[mm]
	T32-06	T32-06-S	3/2	G1/8	79.5x35x26
	T32-08	T32-08-S	3/2	G1/4	79.5x35x26
	T52-06	T52-06-S	5/2	G1/8	87.5x35x26
	T52-08	T52-08-S	5/2	G1/4	87.5x35x26

Note: □ for C=Centre Closed, □ for P=Centre Open Pressure, □ for E=Centre Open Exhaust.

HAND PULL VALVE

3R/4R 3/2 & 5/2, G1/8...G1/2

Technical Data

Medium: Compressed and filtered air
Working pressure: 0...8 bar
Port size: G1/8, G1/4, G3/8, G1/2

- Manually operated
- Various working styles are available
- Silver color is standard, white, black and other customized color are optional



Function		Port size	Body size	Flow (l/min) @ 6 bar
3/2	5/2			
		G1/8	100	1100
		G1/8	200	1200
		G1/4	200	1300
		G1/4	300	1850
		G3/8	300	2000
		G1/2	400	2750

ROTARY HAND VALVE

HV/HVS 4/3, G1/8...G1/2

Technical Data

Medium:

Compressed air, filtered, lubricated and non lubricated

Ambient temperature: 0...60°C

Operating pressure: 0...8,10 bar

Port size: G1/8, G1/4, G3/8, G1/2

Material

Body and cover: Aluminium alloy

Seals: NBR

- Manually operated
- Different types of handles are available
- Detented centre position
- Panel mounting option
- All ports same
- HVS series offers longer lifetime and performance
- HVS series offers panel mount nut option
- G1/8, G1/4, G3/8, G1/2



Model	Port size	Flow rate@6 bar	Working pressure	Installation
K34-R6-8	G1/4	680	0...8 bar	Double ports at both sides
K34-R6-8D	G1/4	680	0...8 bar	All 4 ports at bottom



Model	Port size	Flow rate@6 bar	Working pressure
HV400-02	G1/4	1200	0...8 bar
HV400-03	G3/8	1200	0...8 bar
HV400-04	G1/2	1200	0...8 bar

Model	Port size	Working pressure
HV-02	G1/4	1.5...8 bar
HV-03	G3/8	1.5...8 bar
HV-04	G1/2	1.5...8 bar
HVS200-01	G1/8	0...10 bar
HVS200-02	G1/4	0...10 bar
HVS300-02	G1/4	0...10 bar
HVS300-03	G3/8	0...10 bar
HVS300-04	G1/2	0...10 bar
HVS400-02	G1/4	0...10 bar
HVS400-03	G3/8	0...10 bar
HVS400-04	G1/2	0...10 bar
HVS400-06	G3/4	0...10 bar

FOOT VALVE

FV/4F 3/2, 4/2 & 5/2, G1/4

Technical Data

Medium:

Compressed and filtered air,

Ambient temperature: 0...60°C

Operating pressure: 0...8 bar

Port size: G1/4

- Manually operated
- With protective cover option
- With lock type option



Material

Body: Aluminum alloy

Seals: NBR

Protective Cover: ABS

Picture	Model	Port size	Flow (l/min) @ 6 bar	Function	Lock type	Protective cover
	FV320	G1/4	680	3/2	-	-
	FV420	G1/4	680	4/2	-	-
	4F210-08	G1/4	1200	5/2	-	-
	4F210-08L	G1/4	1200	5/2	✓	-
	4F210-08G	G1/4	1200	5/2	-	✓
	4F210-08LG	G1/4	1200	5/2	✓	✓

FLOW CONTROL VALVE

RE/ASC/AS4000 G1/8...G1/2

Technical Data

Medium:

Compressed and filtered air

Ambient temperature: 0...60°C

Operating pressure: 0.5...9.5 bar / 0.5...10 bar

Port size: G1/8, G1/4, G3/8, G1/2

- Adjustable rotary knob to regulate the flow rate
- ASC has better precise controlling performance
- AS4000 has big flow capacity
- One way (non-return) flow design




Material


Body: Aluminum alloy

Seals: NBR


RE-normal type flow control valve

Picture	Code	Port size	Operating pressure (bar)
	RE-06	G1/8	0.5...9.5
	RE-08	G1/4	0.5...9.5
	RE-10	G3/8	0.5...9.5
	RE-15	G1/2	0.5...9.5

ASC-precise type flow control valve

Picture	Code	Port size	Operating pressure (bar)
	ASC-06	G1/8	0.5...9.5
	ASC-08	G1/4	0.5...9.5
	ASC-10	G3/8	0.5...9.5
	ASC-15	G1/2	0.5...9.5

AS4000-high flow type control valve

Picture	Code	Port size	Operating pressure (bar)
	AS4000-06	G1/8	0.5...10
	AS4000-08	G1/4	0.5...10
	AS4000-10	G3/8	0.5...10
	AS4000-15	G1/2	0.5...10

PRODUCT LINKS

We also have JSC/JSU series flow control fittings. See page 77



NON-RETURN VALVE

KA/KAM G1/8...1

Technical Data

Medium:

Compressed and filtered air

Ambient temperature: 0...80°C

Operating pressure: 0.5...8 bar / 0...12 bar

- One way (non-return) flow design


Material

Body: Aluminium alloy


Seals: NBR



KA series non-return valve

Picture	Code	Port size	Max flow (l/min)	Operating pressure (bar)
	KA-06	G1/8	6	0.5...8
	KA-08	G1/4	8	0.5...8
	KA-10	G3/8	10	0.5...8
	KA-15	G1/2	15	0.5...8
	KA-20	G3/4	20	0.5...8
	KA-25	G1	25	0.5...8

KAM series non-return valve

Picture	Code	Port size	Operating pressure (bar)
	KAM-06	G1/8	0.5...12
	KAM-08	G1/4	0.5...12
	KAM-10	G3/8	0.5...12
	KAM-15	G1/2	0.5...12

QUICK EXHAUST VALVE

QEA/QEB/QE G1/8...G1

Technical Data

Medium:

Compressed and filtered air

Ambient temperature: 0...60°C

Operating pressure: 1.2...10 bar / 0.5...12 bar

Port size: G1/8, G1/4, G3/8, G1/2, G3/4, G1

- Aluminum alloy and brass body optional
- High flow and quick exhaust
- Long lifetime



QEA/QEB series quick exhaust valve

Picture	Aluminium code	Brass code	Port size	Max flow (l/min)	Operating pressure(bar)
	QEA-06	QEB-06	G1/8	6	1.2...10
	QEA-08	QEB-08	G1/4	6	1.2...10
	QEA-10	QEB-10	G3/8	8	1.2...10
	QEA-15	QEB-15	G1/2	15	1.2...10
	QEA-20	-	G3/4	-	1.2...10
	QEA-25	-	G1	-	1.2...10

QE series quick exhaust valve

Picture	Code	Port size	Operating pressure(bar)
	QE-06	G1/8	0.5...12
	QE-08	G1/4	0.5...12
	QE-10	G3/8	0.5...12
	QE-15	G1/2	0.5...12
	QE-20	G3/4	0.5...12
	QE-25	G1	0.5...12

SLIDE VALVE

HSV G1/8...G1

Technical Data

Medium:

Compressed and filtered air

Ambient temperature: 0...60°C

Operating pressure: 0...10 bar

Port size: G1/8, G1/4, G3/8, G1/2, G3/4, G1

- Female or male thread optional



Material

Body: Aluminium alloy

Seals: NBR

Picture	Male/male thread	Female/male thread	Female/female thread	Port size	Operating force(N)	Operating pressure(bar)	Orifice(mm)
	HSV-06	HSV-06FM	HSV-06FF	G1/8	20	0...10 bar	4
	HSV-08	HSV-08FM	HSV-08FF	G1/4	20		7
	HSV-10	HSV-10FM	HSV-10FF	G3/8	20		10
	HSV-15	HSV-15FM	HSV-15FF	G1/2	20		12
	HSV-20	HSV-20FM	HSV-20FF	G3/4	30		15
	HSV-25	HSV-25FM	HSV-25FF	G1	30		15

SHUTTLE VALVE

ST G1/8...G1

Technical Data

Medium:

Compressed and filtered air

Ambient temperature: 0...60°C

Operating pressure: 0...10 bar

Port size: G1/8, G1/4, G3/8, G1/2, G3/4, G1

Material

Body: Aluminum alloy

Seals: NBR

Picture	Code	Port size	Orifice(mm)	Operating pressure(bar)
	ST-06	G1/8	3	0...10
	ST-08	G1/4	3	0...10
	ST-10	G3/8	3	0...10
	ST-15	G1/2	3	0...10
	ST-20	G3/4	3	0...10
	ST-25	G1	3	0...10

Fluid Process Valves

JXPC provides wide range of fluid process valves, from DN6 to DN50, direct operated and indirect operated, for most of valves can be ordered with FKM or EPDM or PTFE seals. The spare parts like coils and diaphragms can be ordered separately.



Widely usage and high cost performance

Up to 50 bar operating pressure



Multiple material and seals for choose






FAST FIND GUIDE

Tips: Below models represent the core products of our fluid process valves, if you are looking for the models beyond, please ask our service staff directly.

• Directly Operated Valves(Small Orifice) NC

<p>2U/2UH 1.2...4mm 1/8"...3/8"</p>  <p>Page 58</p>	<p>2S 2.5...5mm 1/8"...3/8"</p>  <p>Page 58</p>	<p>2V025 2.5mm 1/8", 1/4"</p>  <p>Page 58</p>	<p>2P 2.5mm 1/8", 1/4"</p>  <p>Page 58</p>
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• Directly Operated Valves(Big Orifice) NC

<p>2W 16...50mm 3/8"...2"</p>  <p>Page 59</p>	<p>2W...-SS 16...50mm 3/8"...2"</p>  <p>Page 59</p>	<p>2W...-PL 16...50mm 3/8"...2"</p>  <p>Page 59</p>	<p>PU220 13...25mm 3/8"...1"</p>  <p>Page 59</p>
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• Indirectly Operated Valves NC

<p>2V 13...25mm 3/8"...1"</p>  <p>Page 60</p>	<p>PU225 13...50mm 3/8"...2"</p>  <p>Page 60</p>	<p>PU225...-SS 13...50mm 3/8"...2" SUS</p>  <p>Page 60</p>	<p>2L 17...50mm 3/8"...2"</p>  <p>Page 60</p>	<p>SLG 12...25mm 1/2"...1" 0...50 bar</p>  <p>Page 60</p>
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• Normally Open Valves

<p>2KX 3mm 1/8", 1/4"</p>  <p>Page 62</p>	<p>2KW 16...25mm 3/8"...1"</p>  <p>Page 62</p>
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• Pulse Valves

<p>JMF 20...76mm 3/4"...3"</p>  <p>Page 63</p>	<p>JMF...DD 25...40mm φ35...50mm</p>  <p>Page 63</p>	<p>JMF-Y 50...76mm φ62...90mm</p>  <p>Page 63</p>
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• Angle Valves

<p>JX DN10...50 40...100mm</p>  <p>Page 64</p>	<p>JXP DN10...50 40...100mm</p>  <p>Page 64</p>	<p>2Q 16...50mm 1/4"...2"</p>  <p>Page 64</p>	<p>2H 15...50mm 1/2"...2"</p>  <p>Page 64</p>
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• 3/2 NC/NO Valves

<p>V1M/V2M/V3M 1.5...4mm 1/8"...1/4"</p>  <p>Page 61</p>

• Accessories

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TYPE OF SOLENOID VALVE

Direct Operated

Solenoid driven stem to open and close the valve, simple structure, no diaphragm, durable, zero

pressure drop start, can be used for vacuum, free installation, counter flow, fast response, smaller

pressure resistance, low flow capacity, small valve body size

Step Direct Operated

The valve stem is lifted by solenoid to lead the fluid to change the internal cavity pressure and

open the valve body completely. Structure is more complicated than direct operated type, can

work at zero differential pressure or high pressure, slower response, higher flow capacity, not

available for vacuum, higher power consumption, must be installed horizontally

Normally Colsed

The valve opens when the power is on and closes when the power is off. If the application

requires more time for the pipe to close than to open, from the perspective of energy saving,

It is best to choose a normally closed valve

Normally Colsed

The valve closes when the power is on and opens when the power is off. If the application

requires more time for the pipe to open than to close, from the perspective of energy saving,

it is best to choose normally open valves, but normally open valves are often more expensive

and require comprehensive consideration of costs.

Indirectly Operated (Guide Pilot)

Need a large [about 1 bar] fluid pressure difference to assist the valve to open, high flow capacity, large body size, slow response, suitable for low frequency use, complex internal structure, high cost

Applicable Fluid Counterpart Table

Material	Seal material			Body material		Anti-explosion coil
	NBR	FKM	EPDM	Brass	SS	
Temperature range	-10...+80°C	-20...+170°C	-20...+120°C	-200...+500°C	-200...+800°C	
Dry air	√	√	√	√	√	
Carbon dioxide	√	√	√	√	√	
Nitrogen	√	√	√	√	√	
Argon	√	√	X	√	√	
Oxygen	√	√	√	√	√	
Hydrogen	√	√	X	√	√	
Natural gas	√	√	√	√	√	Necessary
Pipeline gas	√	√	X	√	√	Necessary
Water		√	√	√	√	
Pure water		√	√	X	√	
Low pressure vapor	X			√	√	
Steam(120°C)	X	√	√	√	√	
Turbine oil ISO VG32	√	√	X	√	√	
JIS#1 oil	√	√	X	√	√	
JIS#2 oil		√	X	√	√	
Heavy oil		√	X	√	√	
Vegetable oil	√	√	X	√	√	
Inorganic engine oil	√	√	X	√	√	
Lipid engine oil		√	X	√	√	
Conductive silicone oil	√	√	√	√	√	
Glycol		√	√	√	√	Necessary
High purity alcohol	√	√	√	√	√	Necessary
Industrial ethyl alcohol	X	X	X	X	√	Necessary
Acetone	X	X	√	√	√	Necessary

√: Good for use X: Unavailable Blank: Not recommend or no data

Voltage

DC24V	The world's most commonly used DC voltage, low power consumption, low noise, relatively safe
AC110V	Suitable for countries applied AC voltage in the range of AC100V-AC120V
AC220V	Suitable for countries applied AC voltage in the range of AC200V-AC240V
Other voltage	DC12V, DC36V, AC24V, AC36V, AC380V
Voltage range	-15...10%
Insulations	F class
Voltage frequency	50HZ/60HZ

Connector type

DIN	The power cord is connected to the coil through the DIN connector, nice looking wiring, and can be waterproof and dustproof to protect the wire
Lead wire	The power cord is directly connected to the exposed wire of the coil, simple and convenient, suitable for regular dry and clean environment

Other

Orifice	Aperture of flow rate, reflects the flow capacity of the valve body, the larger the flow orifice represents the valve body in the same time and fluid pressure through the fluid more
Cv	The number of gallons per minute of water flowing through the valve at a temperature of 15.8°C at a pressure drop of 7KPa is approximately equal to 1.167Kv
Flange	Valves and pipes are connected by flanges, which are more stable and often used for larger diameter connections

Applicability

- The fluid in the pipeline must be the same as the medium specified in the selected solenoid valve series, and the temperature of the fluid must be less than the calibrated temperature of the selected solenoid valve.
- The viscosity of the fluid allowed by the solenoid valve is generally below 20CST, and should be specified if it is greater than 20CST. Working pressure difference, the highest pressure difference in the pipeline below 0.04MPa should be selected 2U, 2X, 2W and 2PU series, such as direct-acting or step-by-step direct-acting solenoid valve; the minimum working pressure difference is greater than 0.04MPa can be used pilot (differential pressure) solenoid valve; performance of high working pressure difference should be less than the minimum value of the large calibration pressure of the solenoid valve.
- Generally solenoid valves work in one direction, so pay attention to whether there is a reverse differential pressure. If there is installed check valve.
- Before the solenoid valve should be installed fluid cleanliness filter, the general solenoid valve requires a good cleanliness of the medium.
- Pay attention to the diameter of the flow hole and receiver; solenoid valve generally has only two positions of control, please install a bypass tube to facilitate maintenance; when there is water hammer phenomenon to customize the solenoid valve open and close time adjustment.
- Pay attention to the impact of ambient temperature on the solenoid valve.
- Power supply current and power consumption should be selected according to the output capacity. Generally allow $\pm 10\%$ or so, AC start must pay attention to the higher VA value.

Flow Factor Conversion Table

	Factors			Flow		Orifice Size	
	Cv	Kv	C	m ³ /h	l/min	A	S
Cv	1	0.869	4.08	59.1	985		
Kv	1.15	1	4.69	67.9	1132		
C	0.245	0.213	1	14.5	241		
m ³ /h	0.017	0.015	0.069	1	16.67		
l/min	0.001	0.0088	0.0041	0.06	1		
A	0.061	0.053	0.243	3.62	60.4		
S	0.046	0.04	0.189	2.75	45.8		

2/2-WAY DIRECTLY OPERATED VALVE

2U/2UH/2S/2P/2V/2X/2SL/2PR 1.2...8mm NC 1/8"...3/8"

Technical Data

Medium:

Neutral gases, liquid, oil(below 20 CST)

Port size: PT(G/NPT make to order)

Media temperature: NBR: -10...+80°C

FKM: -20...+170°C

EPDM: -20...+120°C

Ambient temperature: -5...+50°C

Material

Body: See table below

Seal: NBR or FKM or EPDM

- 2/2-way seat valves normally closed
- Directly acting, zero initial pressure
- IP65 class coil, water-proof optional
- Various types for selection



Standard models						Electical connection & coil			Valve seals			
Picture	Model (Brass)	Port size	Orifice (mm)	CV value	Operating pressure (bar)	Standard body material	DIN connector: -D	Lead wire: -W	Water-proof coil: -G	NBR: blank	FKM: -V	EPDM: -E
	2U025-06	PT1/8	2.5	0.23	0..7	Brass	X	✓	X	✓	⊙	⊙
	2U025-08	PT1/4	2.5	0.23	0..7	Brass	X	✓	X	✓	⊙	⊙
	2U030-08	PT1/4	3	0.33	0..10	Brass	X	✓	⊙	✓	⊙	⊙
	2U040-10	PT3/8	4	0.6	0..10	Brass	X	✓	⊙	✓	⊙	⊙
	2UH012-06	PT1/8	1.2	0.05	0..20	Brass	X	✓	⊙	✓	⊙	⊙
	2UH012-08	PT1/4	1.2	0.05	0..20	Brass	X	✓	⊙	✓	⊙	⊙
	2UH020-10	PT3/8	2	0.15	0..20	Brass	X	✓	⊙	✓	⊙	⊙
	2S025-06	PT1/8	2.5	0.23	0..7	SS	X	✓	⊙	✓	⊙	⊙
	2S025-08	PT1/4	2.5	0.23	0..7	SS	X	✓	⊙	✓	⊙	⊙
	2S050-10	PT3/8	5	0.6	0..7	SS	X	✓	⊙	✓	⊙	⊙
	2P025-06	PT1/8	2.5	0.23	0..7	Plastic	✓	⊙	X	✓	X	X
	2P025-08	PT1/4	2.5	0.23	0..7	Plastic	✓	⊙	X	✓	X	X
	2V025A-06	PT1/8	2.5	0.23	0..8	Aluminium	✓	⊙	X	✓	⊙	X
	2V025A-08	PT1/4	2.5	0.23	0..8	Aluminium	✓	⊙	X	✓	⊙	X
	2V025B-06	PT1/8	2.5	0.23	0..8	Brass	✓	⊙	X	✓	⊙	X
	2V025B-08	PT1/4	2.5	0.23	0..8	Brass	✓	⊙	X	✓	⊙	X
	2X030-06	PT1/8	3	0.42	0..7	Brass	X	✓	X	⊙	✓	⊙
	2X030-08	PT1/4	3	0.42	0..7	Brass	X	✓	X	⊙	✓	⊙
	2SL016-06	PT1/8	1.6	0.1	0..15	Brass	✓	X	X	✓	⊙	⊙
	2SL024-06	PT1/8	2.4	0.21	0..10	Brass	✓	X	X	✓	⊙	⊙
	2SL032-08	PT1/4	3.2	0.33	0..7	Brass	✓	X	X	✓	⊙	⊙
	2SL040-08	PT1/4	4	0.43	0..5	Brass	✓	X	X	✓	⊙	⊙
	2PR015-06	PT1/8	1.5	0.1	0..7	Brass	✓	X	X	✓	X	X
	2PR023-08	PT1/4	2.3	0.18	0..7	Brass	✓	X	X	✓	X	X
	2PR080-10	PT3/8	8	1	0..7	Brass	✓	X	X	✓	X	X

✓: standard ⊙: optional x: not available

PRODUCT LINKS

Solenoid valve accessories
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2/2-WAY STEP DIRECTLY OPERATED VALVE

2W/PU220 16...50mm NC 3/8" ...2"

Technical Data

Medium:

Neutral gases, liquid, oil(below 20 CST)

Port size: PT(G/NPT make to order)

Media temperature: NBR: -10...+80°C

FKM: -20...+170°C

EPDM: -20...+120°C

Ambient temperature: -5...+50°C

Material

Body: Brass

Seal: NBR or FKM or EPDM

- 2/2-way seat valves normally closed
- IP65 class coil, water-proof optional
- Universal usage for most of industries



Standard models					Body material			Electical connection & coil				Valve seals			
Picture	Model (Brass)	Port size	Orifice (mm)	CV value	Operating pressure (bar) (liquid/gas)	Stainless steel 304: -SS	Plastic: -PL	DIN connector : -D	Lead wire: -W	Water-proof coil: -G	NBR: blank	FKM: -V	EPDM: -E	Flange	
	2W160-10	PT3/8	16	4.8	0..5/0..7	⊙	X	⊙	√	⊙	√	⊙	⊙	⊙	
	2W160-15	PT1/2	16	4.8	0..5/0..7	⊙	⊙	⊙	√	⊙	√	⊙	⊙	⊙	
	2W200-20	PT3/4	20	7.6	0..5/0..7	⊙	⊙	⊙	√	⊙	√	⊙	⊙	⊙	
	2W250-25	PT1	25	12	0..5/0..7	⊙	⊙	⊙	√	⊙	√	⊙	⊙	⊙	
	2W350-35	PT1-1/4	35	24	0..5/0..7	⊙	X	⊙	√	⊙	√	⊙	⊙	⊙	
	2W400-40	PT1-1/2	40	29	0..5/0..7	⊙	X	⊙	√	⊙	√	⊙	⊙	⊙	
	2W500-50	PT2	50	48	0..5/0..7	⊙	X	⊙	√	⊙	√	⊙	⊙	⊙	
	2W500-50	PT2	50	48	0..5/0..7	⊙	X	⊙	√	⊙	√	⊙	⊙	⊙	
	2PU130-10	PT3/8	13	4	0..7	X	X	X	⊙	⊙	√	⊙	⊙	⊙	
	2PU130-15	PT1/2	13	4	0..7	X	X	X	⊙	⊙	√	⊙	⊙	⊙	
	2PU200-20	PT3/4	20	8.6	0..7	X	X	X	⊙	⊙	√	⊙	⊙	⊙	
	2PU250-25	PT1	25	11	0..7	X	X	X	⊙	⊙	√	⊙	⊙	⊙	
	2VX100-10	PT3/8	10	2.21	0..7	X	X	X	√	X	√	X	X	X	
	2VX130-10	PT3/8	13	3.5	0..7	X	X	X	√	X	√	X	X	X	
	2VX130-15	PT1/2	13	3.5	0..7	X	X	X	√	X	√	X	X	X	

√: standard ⊙ : optional x: not available

Standard voltage: DC12V, DC24V, AC24V, AC110V, AC220V, AC380V

Plastic capsulation coil	UWCF	UWCD	PUCD √	VXCW √	Timer model	PUT	
Size	φ16 X 17		φ14.5X42	φ11X35			
Connector	No	43650A	43650B	No			
Power consumption	DC: 24W, AC: 28VA		DC:12.5W, AC: 15VA	DC:8W, AC: 13VA		AC/DC: 24V-240V	
Applied for	2W		2PU	2X, 2VX			
Voltage range	DC12V, DC24V, AC24V, AC110V, AC220V, AC380V, 50HZ/60HZ						IP65

* Applied for DIN43650B socket type coil

Diaphragm	UWMP	PU220MP	Armature	UWAS-S	UWAS-L	PUAS
Material option	NBR, FKM, EPDM	NBR, FKM, EPDM				
Applied for	2W DN15...50	PU220 DN10...25				
			Size	φ16	φ20	φ14.5
			Applied for	2W160...250	2W350...500	2PU

2/2-WAY INDIRECTLY OPERATED (GUIDE PILOT) VALVE

2V/PU225 13...50mm NC 3/8"...2"

Technical Data

Medium: Neutral gases, liquid, oil(below 20 CST)
Port size: PT(G/NPT make to order)
Media temperature: NBR: -10...+80°C
 FKM: -20...+170°C
 EPDM: -20...+120°C
Ambient temperature: -5...+50°C

Material:

Body: Brass
Seal: NBR or FKM or EPDM

- 2/2-way seat valves normally closed
- Indirectly operated type(guide pilot)
- IP65 class coil with connector is standard



Standard models				Material&Timer				Valve seals				
Picture	Model (Brass)	Port size	Orifice (mm)	CV value	Operating pressure (bar)	Stainless steel 304 body: -SS	With timer : -T	NBR: blank	FKM: -V	EPDM: -E	Flange	
	2V130-10	PT3/8"	13	6.2	0.5...7	X	X	√	X	X	⊙	
	2V130-15	PT1/2"	13	6.2	0.5...7	X	X	√	X	X	⊙	
	2V250-20	PT3/4"	25	23	0.5...7	X	X	√	X	X	⊙	
	2V250-25	PT1"	25	23	0.5...7	X	X	√	X	X	⊙	
	PU225-10	PT3/8"	13	4.5	0.5...10	⊙	⊙	√	⊙	⊙	⊙	
	PU225-15	PT1/2"	13	4.5	0.5...10	⊙	⊙	√	⊙	⊙	⊙	
	PU225-20	PT3/4"	25	12	0.5...10	⊙	⊙	√	⊙	⊙	⊙	
	PU225-25	PT1"	25	12	0.5...10	⊙	⊙	√	⊙	⊙	⊙	
	PU225-35	PT1-1/4"	38	22	0.5...10	⊙	⊙	√	⊙	X	⊙	
	PU225-40	PT1-1/2"	38	30	0.5...10	⊙	⊙	√	⊙	X	⊙	
	PU225-50	PT2"	50	48	0.5...10	⊙	⊙	√	⊙	X	⊙	

2/2-WAY STEAM/HIGH PRESSURE VALVE

2L 12...50mm NC 3/8"...2"

Technical Data

Medium: Neutral gases, steam, liquid, oil(below 20 CST)
Port size: PT(G/NPT make to order)
Media temperature: sea below
Ambient temperature: -5...+80°C

Material:

Body: Brass
Seal: PTFE

- 2/2-way seat valves normally closed
- High operating pressure
- High medium temperature resistance



Standard models						Material		Electical connectio		Valve seals		
Picture	Model (Brass)	Port size	Orifice (mm)	CV value	Operating pressure (bar)(liquid/gas)	Medium temperature	SS 304: -SS	DIN connector: -D	Lead wire: blank	PTFE: blank	FKM: blank	Flange
	2L170-10	PT3/8"	17	4.8	1...15	-5...180°C	⊙	⊙	√	√	⊙	⊙
	2L170-15	PT1/2"	17	4.8	1...15	-5...180°C	⊙	⊙	√	√	⊙	⊙
	2L170-20	PT3/4"	17	4.8	1...15	-5...180°C	⊙	⊙	√	√	⊙	⊙
	2L200-25	PT1"	20	12	1...15	-5...180°C	⊙	⊙	√	√	⊙	⊙
	2L300-35	PT1-1/4"	30	20	1...15	-5...180°C	⊙	⊙	√	√	⊙	⊙
	2L300-40	PT1-1/2"	30	20	1...15	-5...180°C	⊙	⊙	√	√	⊙	⊙
	2L500-50	PT2"	50	48	1...15	-5...180°C	⊙	⊙	√	√	⊙	⊙
	SLG120-15	PT1/2"	12	2.3	1...50	-5...150°C	x	⊙	√	√	⊙	⊙
	SLG250-20	PT3/4"	25	5.8	1...25/1...30	-5...150°C	x	⊙	√	√	⊙	⊙
	PS-15	PT1/2"	15	4.8	0.4...16	-5...180°C	⊙	⊙	√	√	⊙	⊙
	PS-20	PT3/4"	20	7.6	0.4...16	-5...180°C	⊙	⊙	√	√	⊙	⊙
	PS-25	PT1"	25	12	0.4...16	-5...180°C	⊙	⊙	√	√	⊙	⊙
	PS-32	PT1-1/4"	32	22	0.4...16	-5...180°C	⊙	⊙	√	√	⊙	⊙
	PS-40	PT1-1/2"	40	30	0.4...16	-5...180°C	⊙	⊙	√	√	⊙	⊙
	PS-50	PT2"	50	48	0.4...16	-5...180°C	⊙	⊙	√	√	⊙	⊙

√: standard ⊙: optional x: not available
 Standard voltage: DC12V, DC24V, AC24V, AC110V, AC220V, AC380V

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ELECTRIC AUTOMATIC DRAIN VALVE

Electric automatic drain valve

Technical Data

Working pressure: 0...16 bar / 230 psi
 Compressed air temperature: 0...130 °C / 33...265 °F
 Ambient temperature: 0...60°C / 33...140°F
 Timer set: 0.5...10 sec & 0.5...45 min

Model	Port size	Contents
ASK-001	G1/2"	Timer, solenoid valve, ball valve
ASK-002	G1/2"	Timer, ball valve combination
ADK-N08	NPT1/4"	Timer, solenoid valve, ball valve, hose, fitting, bracket kits



3/2-WAY DIRECTLY OPERATED VALVE

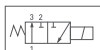
V□M 1.5...4 N.C/N.O 1/8, 1/4

Technical Data

Medium: Neutral gases, liquid, oil (below 20 CST)
 Port size: PT(G/NPT make to order)
 Media temperature: NBR: -5...+80°C
 FKM: -5...+150°C
 EPDM: -10...+110°C
 Ambient temperature: -5...+50°C

Material:

Body: Brass
 Seal: NBR
 • 2/2-way seat valves normally closed/ normally open



Standard models			Electrical connection & coil				Valve seals					
NC	NO	Universal	Orifice (mm)	CV value	Operating pressure (bar)[AC]	Operating pressure (bar)[DC]	DIN connector code: -D	Lead wire code: -W	Water-proof coil code: -G	NBR seal code: blank	FKM seal code: -V	EPDM seal code: -E
V1M15-06/08	V2M15-06/08	V3M15-06/08	1.5	0.07	0...13	0...11	✓	x	⊙	✓	⊙	⊙
V1M20-06/08	V2M20-06/08	V3M20-06/08	2	0.14	0...11	0...9	✓	x	⊙	✓	⊙	⊙
V1M25-06/08	V2M25-06/08	V3M25-06/08	2.5	0.21	0...9	0...7	✓	x	⊙	✓	⊙	⊙
V1M30-06/08	V2M30-06/08	V3M30-06/08	3	0.25	0...6	0...4	✓	x	⊙	✓	⊙	⊙
V1M40-06/08	V2M40-06/08	V3M40-06/08	4	0.35	0...3.5	0...2	✓	x		✓		

✓: standard ⊙: optional x: not available

Standard voltage: DC12V, DC24V, AC24V, AC110V, AC220V, AC380V

BALL VALVE

Medium: Plated brass
 Temp range: -20...150°C
 Max. pressure: 16 bar
 Medium: Water, gas, oil

Medium: Brass
 Temp range: -20...120°C
 Max. pressure: 16 bar
 Medium: Water, gas, oil



Port size*	Both Female	Both Male	Male/Female
G1/8"	BVH-2FG06	BVH-2MG06	BVH-MFG06
G1/4"	BVH-2FG08	BVH-2MG08	BVH-MFG08
G3/8"	BVH-2FG10	BVH-2MG10	BVH-MFG10
G1/2"	BVH-2FG15	BVH-2MG15	BVH-MFG15

Model	DN	Port size*	Orifice (mm)	Length (mm)
BV-2FG15	15	G1/2"	13	50
BV-2FG20	20	G3/4"	17	58
BV-2FG25	25	G1"	22	65
BV-2FG32	32	G1-1/4"	29	74
BV-2FG40	40	G1-1/2"	35	84
BV-2FG50	50	G2"	44	94.5
BV-2FG65	65	G2-1/2"	47	103.5

2/2-WAY DIRECTLY OPERATED VALVE

2KX/2KW 3...25mm NO 1/8" ... 1"

Technical Data

Medium:

Neutral gases, liquid, oil (below 20 CST)

Port size: PT(G/NPT make to order)

Media temperature: NBR: -10...+80°C

FKM: -20...+170°C

EPDM: -20...+120°C

Ambient temperature: -5...+50°C

Material

Body: Brass

Seal: NBR or FKM or EPDM

- 2/2-way seat valves normally open
- IP65 class coil, water-proof optional



Standard models					Material			Electrical connection & coil			Valve seals		
Picture	Model (Brass)	Port size	Orifice (mm)	CV value	Operating pressure (bar)	Stainless steel 304 body: -SS	Plastic: -PL	DIN connector: -D	Lead wire: -W	Water-proof coil: -G	NBR: blank	FKM: -V	EPDM: -E
	2KX030-06	PT1/8"	3	0.35	0...5/0...7	X	X	X	X	X	✓	⊙	X
	2KX030-08	PT1/4"	3	0.35	0...5/0...7	X	X	X	X	X	✓	⊙	X
	2KW040-10	PT3/8"	4	0.6	0...5/0...7	⊙	⊙	⊙	⊙	⊙	✓	⊙	⊙
	2KW160-10	PT3/8"	16	4.8	0...5/0...7	⊙	⊙	⊙	⊙	⊙	✓	⊙	⊙
	2KW160-15	PT1/2"	16	4.8	0...5/0...7	⊙	⊙	⊙	⊙	⊙	✓	⊙	⊙
	2KW200-20	PT3/4"	20	7.6	0...5/0...7	⊙	⊙	⊙	⊙	⊙	✓	⊙	⊙
	2KW250-25	PT1"	25	12	0...5/0...7	⊙	⊙	⊙	⊙	⊙	✓	⊙	⊙
	JKP-10	PT3/8"	13	3.5	0.5...13	⊙	X	✓	X	⊙	✓	⊙	⊙
	JKP-15	PT1/2"	13	4.5	0.5...13	⊙	X	✓	X	⊙	✓	⊙	⊙
	JKP-20	PT3/4"	20	7.6	0.5...13	⊙	X	✓	X	⊙	✓	⊙	⊙
	JKP-25	PT1"	25	12	0.5...13	⊙	X	✓	X	⊙	✓	⊙	⊙
	JKP-35	PT1-1/4"	35	22	0.5...13	⊙	X	✓	X	⊙	✓	⊙	⊙
	JKP-40	PT1-1/2"	40	30	0.5...13	⊙	X	✓	X	⊙	✓	⊙	⊙
	JKP-50	PT2"	50	40	0.5...13	⊙	X	✓	X	⊙	✓	⊙	⊙

✓: standard ⊙: optional x: not available

Standard voltage: DC12V, DC24V, AC24V, AC110V, AC220V, AC380V

Plastic capsulation coil	UWCF	UWCD	VXCF ✓
Size	φ16 X 17		φ11X35
Connector	No	43650A	No
Power consumption	DC: 24W, AC: 28VA		DC: 8W, AC: 13VA
Applied for	2KW		2KX
Voltage range	DC12V, DC24V, AC24V, AC110V, AC220V, AC380V, 50HZ/60HZ		

Diaphragm	UWMP
Material option	NBR, FKM, EPDM
Applied for	2KW DN15...50

Armature	UWAS-S	UWAS-L
Size	φ16	φ20
Applied for	2KW160...250	2KW350...500

2/2-WAY PULSE VALVE




JXF/JMF/JMF-Y 20...76mm NC 3/4" ...3"

Technical Data

Medium: Neutral gases
Port size: PT(G/NPT make to order)
Media temperature: -5...+80°C
Ambient temperature: -5...+80°C

- 2/2-way seat valves normally closed
- Suitable for neutral gases, liquid, oil(below 20CST)
- Standard IP65 class coil
- Mainly for clean purpose



Standard models						Derived code	Accessories
Picture	Code	Port size	Orifice (mm)	Operating pressure(bar)	Relative humidity	With explosion-proof coil	Standard coil
	JMF-20	3/4"	20	4-6.6 bar	<85%	-EX	PLSCD
	JMF-25	1"	25	4-6.6 bar	<85%	-EX	PLSCD
	JMF-40	1-1/2"	40	4-6.6 bar	<85%	-EX	PLSCD
	JMF-50	2"	50	4-6.6 bar	<85%	-EX	PLSCD
	JMF-65	2-1/2"	65	4-6.6 bar	<85%	-EX	PLSCD
	JMF-76	3"	76	4-6.6 bar	<85%	-EX	PLSCD
	JMF-25DD	φ35 mm	25	3...8 bar	<85%	-EX	PLSCD
	JMF-45DD	φ50 mm	40	3...8 bar	<85%	-EX	PLSCD
	JMF-Y-50S	φ62 mm	50	3...8 bar	<85%	-EX	PLSCD
	JMF-Y-62S	φ80 mm	62	3...8 bar	<85%	-EX	PLSCD
	JMF-Y-76S	φ90 mm	76	3...8 bar	<85%	-EX	PLSCD

2/2-WAY WATER DISPENSER SOLENOID VALVE

RSC 2.5 mm 8...12 mm NC G1/8", G1/4", 12 mm, 14 mm, 13 mm

Technical Data

Medium: Water
Media temperature: 0...+100°C
Ambient temperature: 0...40°C

- 2/2-way normally closed
- Suitable for drinking water machine (dispenser)
- Water proof coil
- Food grade diaphragm and seals



Material

Body: PE **Seal:** EPDM

						Derived code	Accessories
Picture	Code	Port size	Orifice (mm)	Cv value	Working pressure	Reaction time	Wire length
	RSC-01	1/8"	2.5	0.21	0...8 bar	6...20 ms	30 mm
	RSC-02	1/4"	2.5	0.21	0...8 bar	6...20 ms	30 mm
	RSC-8	φ12 mm	8	1.3	0...8 bar	6...20 ms	30 mm
	RSC-10	φ14 mm	10	2.3	0...8 bar	6...20 ms	30 mm
	RSC-12	φ13 mm	12	3	0...8 bar	6...20 ms	30 mm

2/2-WAY ANGLE VALVE

JX/JXP DN10...80 G3/8" ...3"

Technical Data

Medium: Neutral gas or liquid, steam, ethanol, weak acid and alkali

Media temperature: -10...+180°C

Ambient temperature: -10...+60°C

Material

Body: CF8/SUS316

Seal: PTFE&FKM

- 2/2-way angle valves
- Normally closed, normally open optional
- Single acting, double acting optional
- Optical position indicator is standard
- Suitable for contaminated flow fluid
- Reversed flow direction optional



Standard models							Derived code				
CF8(SUS304) actuator	Plastic actuator	Size	Port size	Actuator (mm)	Differential pressure(bar)	Operating pressure(bar)	Body material	NC single acting	NO single acting	Double acting	Flange type
JX40-G10	JXP40-G10	DN10	G3/8"	40	0...16	3..4.5	-SS304 -SS316	Standard	-H	-D	-F
JX50-G10	JXP50-G10	DN10	G3/8"	50	0...16	3..3.5	-SS304 -SS316	Standard	-H	-D	-F
JX40-G15	JXP40-G15	DN15	G1/2"	40	0...16	3..4.5	-SS304 -SS316	Standard	-H	-D	-F
JX50-G15	JXP50-G15	DN15	G1/2"	50	0...16	3..3.5	-SS304 -SS316	Standard	-H	-D	-F
JX50-G20	JXP50-G20	DN20	G3/4"	50	0...16	3..4	-SS304 -SS316	Standard	-H	-D	-F
JX63-G20	JXP63-G20	DN20	G3/4"	63	0...16	3..4	-SS304 -SS316	Standard	-H	-D	-F
JX50-G25	JXP50-G25	DN25	G1"	50	0...16	3..4.5	-SS304 -SS316	Standard	-H	-D	-F
JX63-G25	JXP63-G25	DN25	G1"	63	0...16	3..3.5	-SS304 -SS316	Standard	-H	-D	-F
JX63-G32	JXP63-G32	DN32	G1-1/4"	63	0...16	3..5.5	-SS304 -SS316	Standard	-H	-D	-F
	JXP80-G32	DN32	G1-1/4"	80	0...16	3..4.5	-SS304 -SS316	Standard	-H	-D	-F
JX90-G32		DN32	G1-1/4"	90	0...16	3..4	-SS304 -SS316	Standard	-H	-D	-F
JX63-G40	JXP63-G40	DN40	G1-1/2"	63	0...16	3..6.5	-SS304 -SS316	Standard	-H	-D	-F
	JXP80-G40	DN40	G1-1/2"	80	0...16	3..4.5	-SS304 -SS316	Standard	-H	-D	-F
JX90-G40		DN40	G1-1/2"	90	0...16	3..4	-SS304 -SS316	Standard	-H	-D	-F
JX63-G50	JXP63-G50	DN50	G2"	63	0..9	3..7	-SS304 -SS316	Standard	-H	-D	-F
	JXP80-G50	DN50	G2"	80	0..9	3..5.5	-SS304 -SS316	Standard	-H	-D	-F
JX90-G50		DN50	G2"	90	0..9	3..4.5	-SS304 -SS316	Standard	-H	-D	-F
	JXP80-G65	DN65	G2-1/2"	80	0..9	3..7	-SS304 -SS316	Standard	-H	-D	-F
JX90-G65		DN65	G2-1/2"	90	0..9	3..5.5	-SS304 -SS316	Standard	-H	-D	-F
	JXP100-G80	DN80	G3"	100	0..9	3..4.5	-SS304 -SS316	Standard	-H	-D	-F
JX125-G80		DN80	G3"	125	0..9	3..4	-SS304 -SS316	Standard	-H	-D	-F

2Q/2H right angle 16...50mm 1/4" ...2"

Technical Data

Medium: Neutral gas or liquid, steam

Port size: G1/4" ...2" (NPT/PT make to order)

Media temperature: -5...+150°C

Ambient temperature: -5...+60°C



Material

Body: Brass

Seal: PTFE

- 2/2-way right angle valves
- Normally closed
- Suitable for contaminated flow fluid
- Reversed flow direction optional
- Economical selection












Standard models									
Picture	CF8(SUS304) actuator	Port size	Orifice (mm)	CV value	Cylinder bore (mm)	Operating port	Operating pressure(bar)	Working temperature	Working pressure
	2Q160-08	1/4"	16	4.8	20	2XM5	3...6	-5...100C	0...7
	2Q160-15	1/2"	16	4.8	20	2XM5	3...6	-5...100C	0...7
	2Q200-20	3/4"	20	12	20	2XG1/8"	3...6	-5...100C	0...7
	2Q250-25	1"	25	7.6	32	2XG1/8"	3...6	-5...100C	0...7
	2Q350-35	1-1/4"	35	24	50	2XG1/4"	3...6	-5...100C	0...7
	2Q400-40	1-1/2"	40	29	50	2XG1/4"	3...6	-5...100C	0...7
	2Q500-50	2"	50	48	63	2XG1/4"	3...6	-5...100C	0...7
	2H-15	1/2"	15	4.7	25	2XG1/8"	2...6	-5...150C	0...7
	2H-20	3/4"	20	5.8	25	2XG1/8"	2...6	-5...150C	0...7
	2H-25	1"	25	11.7	32	2XG1/8"	2...6	-5...150C	0...7
	2H-35	1-1/4"	35	29	40	2XG1/8"	2...6	-5...150C	0...7
	2H-40	1-1/2"	40	29	50	2XG1/8"	2...6	-5...150C	0...7
	2H-50	2"	50	48	63	2XG1/8"	2...6	-5...150C	0...7

Visit our website: www.jxpc-pneumatic.com to get more information, or contact us directly to obtain one-to-one online service.


SOLENOID VALVE ACCESSORIES

JXPC provide various accessories for solenoid valves, like coil, connector, diaphragm, armature set, timer, etc. For maintenance and assembly purpose to customers.






If you have further requirement on our solenoid valves and accessories, please contact us directly. Further more, JXPC can supply customized valves, just send us your demand or request to get the quotation.

Standard coil model	UDCF	200W	200CDB	UWCF	UWCD	PUCD	VXCF	USCF	SLGCF
Picture									
Coil size(Orifice X H)	14 x 31	9.2x29.5	9.2x29.5	16x17	16x17	14.5x42	11x35	22x55	16.3x79.5
Voltage range:	DC: 12V, 24V AC: 24V,110V, 220V, 380V								
Power consumption	DC: 12W, AC: 28VA	DC: 3W, AC: 4.5VA	DC: 3W, AC: 4.5VA	DC: 24W, AC: 28VA	DC: 24W, AC: 28VA	DC: 2.5W, AC: 15VA	DC: 8W, AC: 13VA	DC: 24W, AC: 28VA	DC: 24W, AC: 28VA
Applied valves	2U, 2UH, 2S025	3V, 4V, 4M, 3V1, 2V, 2P	3V, 4V, 4M, 3V1, 2V, 2P	2W, 2KW	2W, 2KW	PU220, PU225	2X, 2VX, 2KX	2L	SLG

Diaphragm model	UWMP	PU220MP	PU225MP
Picture			
Applied valves	2W DN15...50	PU220 DN10...25	PU225 DN10...25
Material	NBR, FKM, EPDM	NBR, FKM, EPDM	NBR, FKM, EPDM

Timer model	PUT
Picture	
Voltage range	AC/DC: 24V-240V
Protect class	IP65

* Applied for DIN43650B socket type coil

Armature set model	UDAS	UWAS-S	UWAS-L	PUAS	USAS
Picture					
Orifice(mm)	13.5	16	20	14.5	20
Applied valves	2U	2W DN10...25	2W DN35...50	PU220 DN10...25 PU225 DN10...50	2L DN10...50

Piston model	USPT
Picture	
Applied valves	2L DN10...50

Fittings, Tubing & Accessories

Accessories are the most overlooked parts of pneumatic systems. The quality problem may lead to the trouble while production, to choose the qualified accessories is necessary. JXPC use the high quality material and advanced production process to ensure the stable and high performance of our products.

In addition to this, a whole selection of connectors, flow regulators, non return valves, air fuses, blow gun and quick release connector and you have one of the industries' largest accessory ranges around.

Suitable for most of pneumatic applications



Different size and color for choose





FAST FIND GUIDE

Tips: Below models represent the core products of our fittings, tubing and accessories, if you are looking for the models beyond, please ask our service staff directly.

• Fittings

<p>JP-C Plasticϕ3...6mm</p>  <p>Page 69</p>	<p>JP Plasticϕ4...16mm</p>  <p>Page 69</p>	<p>JMP Brassϕ4...12mm</p>  <p>Page 70</p>	<p>JC/JS Plasticϕ4...12mm</p>  <p>Page 76</p>	<p>JSC/JMSC/HV Plasticϕ4...12mm</p>  <p>Page 77</p>
<p>JRP Brass 1/8" ...1/2"</p>  <p>Page 78</p>	<p>JQP Brass 1/8" ...1/2"</p>  <p>Page 79</p>	<p>JBS Brass 1/8" ...1/2"</p>  <p>Page 80</p>		


• Silencer

<p>Long head M5...2"</p>  <p>Page 81</p>	<p>Flat/round head M5...1-1/2"</p>  <p>Page 81</p>	<p>Throttle valve 1/8...1"</p>  <p>Page 81</p>	<p>Plastic 1/8...1"</p>  <p>Page 81</p>
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• Quick Couplers

<p>N Steel</p>  <p>Page 82</p>	<p>NSM PT1/4"</p>  <p>Page 82</p>	<p>E Steel</p>  <p>Page 83</p>	<p>M Steel/Brass</p>  <p>Page 83</p>
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• Tubing

<p>PU ϕ4...16 ϕ1/8...1/2</p>  <p>Page 84</p>	<p>PUS/PES ϕ4...16 ϕ1/8...1/2</p>  <p>Page 84</p>	<p>PA ϕ4...16 ϕ1/8...1/2</p>  <p>Page 85</p>	<p>PE ϕ4...16 ϕ1/8...1/2</p>  <p>Page 85</p>	<p>Tube cutter</p>  <p>Page 85</p>
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• Other Accessories

<p>Air blow gun</p>  <p>Page 86</p>	<p>Pneumatic scissor</p>  <p>Page 86</p>	<p>Vacuum ejector</p>  <p>Page 86</p>	<p>Pneumatic vibrator</p>  <p>Page 87</p>
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PUSH-IN FITTINGS & FUNCTIONAL FITTINGS

- **JP-C Series Compact Push-in Fittings** Metric $\phi 3...6$ mm O/D tube
- **JP Series Plastic Push-in Fittings/Functional Fittings** Metric $\phi 4...16$ mm O/D tube



Technical Data

Applied for: Compressed air, vacuum
Working pressure: -100Kpa...10 bar
Ambient temperature: 0...60°C
Tubing: Nylon 11 or 12, PU 85 to 98

Materials

Body: PBT
Seals: NBR
Threaded bodies: Nickle plated brass
Release sleeve and backing ring: POM
Grab-ring: Stainless steel

- Widely used in all kind of industrial usage
- Light weight design
- Mass productive with low cost
- The direction of the tube could be changed freely after installation
- Customizable plastic parts color
- Stability performance

- **JMP Series Brass Push-in Fittings** Metric $\phi 4...16$ mm O/D tube



Technical Data

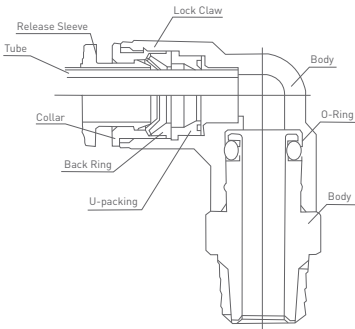
Applied for: Compressed air, vacuum
Working pressure: -18...15 bar
Ambient temperature: -10...80°C
Tubing: Nylon 11 or 12, PU 85 to 98

Materials

Body: Nickle plated brass
Seals: NBR
Threaded bodies: Nickle plated brass
Release sleeve and backing ring: Nickle plated brass
Lock claw: Stainless steel

- Applied for higher working pressure than JP fittings
- Made with high quality level brass
- Mass productive with low cost
- The direction of the tube could be changed freely after installation
- Reliable and corrosion resistant

Structure



When installing tube into fitting:

1. Use the tube cutter to make a straight 90 degree cut.
2. Ensure the tube insertion depth meet to the minimum requirement as table below.

Tube Size		$\phi 4$ (5/32", 3/16")	$\phi 6$ (1/4")	$\phi 8$ (5/16")	$\phi 10$ (3/8")	$\phi 12$ (1/2")	$\phi 16$
Tube insertion depth (mm)	Metal	14.6	15.2	16.2	18.7	21.7	24.5
	Plastic	15.1	16	18.1	20.4	23.2	24.2

When unstalling tube into fitting:

1. Ensure the tubing internal pressure as zero before disassembly of tubing.
2. Press the release sleeve button into bottom before pull the tubing out, to avoid the external surface scratch by locking claw of fitting which cause to air leakage of the tubing.
3. Do not swing or rotate tubing in disconnection while disassembly.

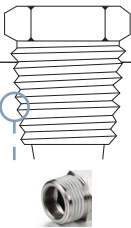
Thread Type

R or BSPT (Taper 60°)



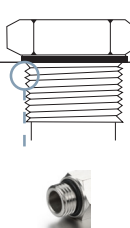
- Widely used in Asia
- With PTFE sealant
- Adapt to female G/BSPT thread

N or NPT (Taper 55°)



- Widely used in America
- With PTFE sealant
- Can be only applied with NPT/NPTF thread

G or BSPP (Parallel 55°)



- Widely used in Europe
- With NBR o-ring
- Can be only applied with G thread

Thread size(inch)	Major diameter(mm)	Minor diameter(mm)
G 1/8"	9.728	8.566
G 1/4"	13.157	11.445
G 3/8"	16.662	14.95
G 1/2"	20.955	18.631
R 1/8"	9.728	8.495
R 1/4"	13.157	11.341
R 3/8"	16.662	14.846
R 1/2"	20.955	18.489
N 1/8"	10.287	
N 1/4"	13.716	
N 3/8"	17.145	
N 1/2"	21.366	

PUSH-IN FITTINGS

Compact fittings

Compact adaptors



Thread	O/D Tube	Straight	Internal hex only	Elbow	Male long elbow	Branch tee	Run tee
M3	3	JPC03-M3C	JPOC03-M3C	JPL03-M3C	JPLL03-M3C	JPB03-M3C	JPD03-M3C
M4	4	JPC04-M4C	JPOC04-M4C	JPL04-M4C	JPLL04-M4C	JPB04-M4C	JPD04-M4C
M5	6	JPC06-M5C	JPOC06-M5C	JPL06-M5C	JPLL06-M5C	JPB06-M5C	JPD06-M5C
M5	3	JPC03-M5C	JPOC03-M5C	JPL03-M5C	JPLL03-M5C	JPB03-M5C	JPD03-M5C
M5	4	JPC04-M5C	JPOC04-M5C	JPL04-M5C	JPLL04-M5C	JPB04-M5C	JPD04-M5C
M5	6	JPC06-M5C	JPOC06-M5C	JPL06-M5C	JPLL06-M5C	JPB06-M5C	JPD06-M5C
M6	3	JPC03-M6C	JPOC03-M6C	JPL03-M6C	JPLL03-M6C	JPB03-M6C	JPD03-M6C
M6	4	JPC04-M6C	JPOC04-M6C	JPL04-M6C	JPLL04-M6C	JPB04-M6C	JPD04-M6C
M6	6	JPC06-M6C	JPOC06-M6C	JPL06-M6C	JPLL06-M6C	JPB06-M6C	JPD06-M6C
R1/8	4	JPC04-R01C	JPOC04-R01C	JPL04-R01C	JPLL04-R01C	JPB04-R01C	JPD04-R01C
R1/8	6	JPC06-R01C	JPOC06-R01C	JPL06-R01C	JPLL06-R01C	JPB06-R01C	JPD06-R01C
R1/4	4	JPC04-R02C	JPOC04-R02C	JPL04-R02C	JPLL04-R02C	JPB04-R02C	JPD04-R02C
R1/4	6	JPC06-R02C	JPOC06-R02C	JPL06-R02C	JPLL06-R02C	JPB06-R02C	JPD06-R02C
G1/8	4	JPC04-G01C	JPOC04-G01C	JPL04-G01C	JPLL04-G01C	JPB04-G01C	JPD04-G01C
G1/8	6	JPC06-G01C	JPOC06-G01C	JPL06-G01C	JPLL06-G01C	JPB06-G01C	JPD06-G01C
G1/4	4	JPC04-G02C	JPOC04-G02C	JPL04-G02C	JPLL04-G02C	JPB04-G02C	JPD04-G02C
G1/4	6	JPC06-G02C	JPOC06-G02C	JPL06-G02C	JPLL06-G02C	JPB06-G02C	JPD06-G02C

Compact connectors



O/D Tube	O/D Tube	Union straight	Union elbow	Union tee	Y connector
3	3	JPU03C	JPV03C	JPE03C	JPY03C
4	4	JPU04C	JPV04C	JPE04C	JPY04C
6	6	JPU06C	JPV06C	JPE06C	JPY06C

Compact reducer



O/D Tube	O/D Tube	Y reducer
4	3	JPY0403C
6	4	JPY0604C

Multiple tee adaptors and connectors

Multiple adaptor



Thread	O/D Tube (*)	BSPT (Taper 55°)	G (Parallel 55°)
1/8	4	JKPD04-R01	JKPD04-G01
1/8	6	JKPD06-R01	JKPD06-G01
1/8	8	JKPD08-R01	JKPD08-G01
1/4	4	JKPD04-R02	JKPD04-G02
1/4	6	JKPD06-R02	JKPD06-G02
1/4	8	JKPD08-R02	JKPD08-G02
3/8	6	JKPD06-R03	JKPD06-G03
3/8	8	JKPD08-R03	JKPD08-G03
1/2	6	JKPD06-R04	JKPD06-G04
1/2	8	JKPD08-R04	JKPD08-G04

Multiple connectors



O/D Tube (*)	O/D Tube [*] O/D Stem	Multiple equal	Plug-in
4	4	JPK04	-
6	6	JPK06	-
8	8	JPK08	-
10	10	JPK10	-
12	12	JPK12	-
4	6	JPK0604	JKPJ0604
4	8	JPK0804	JKPJ0804
6	8	JPK0806	JKPJ0806
6	10	JPK1006	JKPJ1006
8	10	JPK1008	JKPJ1008

*: Inch tube 5/32, 3/16, 1/4, 5/16, 3/8, 1/2 available for JPKD, JPK, JPKJ.
Ordering code example: JPKD1/4-N01.

PUSH-IN FITTINGS

Straight adaptors and connectors

Adaptors - BSPT (Taper 55°)



Thread	O/D Tube	External hex only	Female	External & internal hex	Internal hex only	Female	Bulkhead female
R1/8	4	JMPC04-R01	JMPCF04-R01	JPC04-R01	JPOC04-R01	JPCF04-R01	JPMF04-R01
R1/8	6	JMPC06-R01	JMPCF06-R01	JPC06-R01	JPOC06-R01	JPCF06-R01	JPMF06-R01
R1/8	8	JMPC08-R01	JMPCF08-R01	JPC08-R01	JPOC08-R01	JPCF08-R01	JPMF08-R01
R1/8	10	JMPC10-R01	JMPCF10-R01	JPC10-R01	JPOC10-R01	JPCF10-R01	JPMF10-R01
R1/8	12	-	-	JPC12-R01	JPOC12-R01	JPCF12-R01	JPMF12-R01
R1/4	4	JMPC04-R02	JMPCF04-R02	JPC04-R02	JPOC04-R02	JPCF04-R02	JPMF04-R02
R1/4	6	JMPC06-R02	JMPCF06-R02	JPC06-R02	JPOC06-R02	JPCF06-R02	JPMF06-R02
R1/4	8	JMPC08-R02	JMPCF08-R02	JPC08-R02	JPOC08-R02	JPCF08-R02	JPMF08-R02
R1/4	10	JMPC10-R02	JMPCF10-R02	JPC10-R02	JPOC10-R02	JPCF10-R02	JPMF10-R02
R1/4	12	JMPC12-R02	JMPCF12-R02	JPC12-R02	JPOC12-R02	JPCF12-R02	JPMF12-R02
R3/8	6	JMPC06-R03	JMPCF06-R03	JPC06-R03	JPOC06-R03	JPCF06-R03	JPMF06-R03
R3/8	8	JMPC08-R03	JMPCF08-R03	JPC08-R03	JPOC08-R03	JPCF08-R03	JPMF08-R03
R3/8	10	JMPC10-R03	JMPCF10-R03	JPC10-R03	JPOC10-R03	JPCF10-R03	JPMF10-R03
R3/8	12	JMPC12-R03	JMPCF12-R03	JPC12-R03	JPOC12-R03	JPCF12-R03	JPMF12-R03
R3/8	16	-	-	JPC16-R03	JPOC16-R03	JPCF16-R03	-
R1/2	6	JMPC06-R04	JMPCF06-R04	JPC06-R04	JPOC06-R04	JPCF06-R04	JPMF06-R04
R1/2	8	JMPC08-R04	JMPCF08-R04	JPC08-R04	JPOC08-R04	JPCF08-R04	JPMF08-R04
R1/2	10	JMPC10-R04	JMPCF10-R04	JPC10-R04	JPOC10-R04	JPCF10-R04	JPMF10-R04
R1/2	12	JMPC12-R04	JMPCF12-R04	JPC12-R04	JPOC12-R04	JPCF12-R04	JPMF12-R04
R1/2	16	-	-	JPC16-R04	JPOC16-R04	JPCF16-R04	-

Adaptors - NPT (Taper 60°)



Thread	O/D Tube	External hex only	Female	External & internal hex	Internal hex only	Female	Bulkhead female
N1/8	5/32	JMPC5/32-N01	JMPCF5/32-N01	JPC5/32-N01	JPOC5/32-N01	JPCF5/32-N01	JPMF5/32-N01
N1/8	3/16	JMPC3/16-N01	JMPCF3/16-N01	JPC3/16-N01	JPOC3/16-N01	JPCF3/16-N01	JPMF3/16-N01
N1/8	1/4	JMPC1/4-N01	JMPCF1/4-N01	JPC1/4-N01	JPOC1/4-N01	JPCF1/4-N01	JPMF1/4-N01
N1/8	5/16	JMPC5/16-N01	JMPCF5/16-N01	JPC5/16-N01	JPOC5/16-N01	JPCF5/16-N01	JPMF5/16-N01
N1/8	3/8	JMPC3/8-N01	JMPCF3/8-N01	JPC3/8-N01	JPOC3/8-N01	JPCF3/8-N01	JPMF3/8-N01
N1/8	1/2	JMPC1/2-N01	JMPCF1/2-N01	JPC1/2-N01	JPOC1/2-N01	JPCF1/2-N01	JPMF1/2-N01
N1/4	5/32	JMPC5/32-N02	JMPCF5/32-N02	JPC5/32-N02	JPOC5/32-N02	JPCF5/32-N02	JPMF5/32-N02
N1/4	3/16	JMPC3/16-N02	JMPCF3/16-N02	JPC3/16-N02	JPOC3/16-N02	JPCF3/16-N02	JPMF3/16-N02
N1/4	1/4	JMPC1/4-N02	JMPCF1/4-N02	JPC1/4-N02	JPOC1/4-N02	JPCF1/4-N02	JPMF1/4-N02
N1/4	5/16	JMPC5/16-N02	JMPCF5/16-N02	JPC5/16-N02	JPOC5/16-N02	JPCF5/16-N02	JPMF5/16-N02
N1/4	3/8	JMPC3/8-N02	JMPCF3/8-N02	JPC3/8-N02	JPOC3/8-N02	JPCF3/8-N02	JPMF3/8-N02
N1/4	1/2	JMPC1/2-N02	JMPCF1/2-N02	JPC1/2-N02	JPOC1/2-N02	JPCF1/2-N02	JPMF1/2-N02
N3/8	1/4	JMPC1/4-N03	JMPCF1/4-N03	JPC1/4-N03	JPOC1/4-N03	JPCF1/4-N03	JPMF1/4-N03
N3/8	5/16	JMPC5/16-N03	JMPCF5/16-N03	JPC5/16-N03	JPOC5/16-N03	JPCF5/16-N03	JPMF5/16-N03
N3/8	3/8	JMPC3/8-N03	JMPCF3/8-N03	JPC3/8-N03	JPOC3/8-N03	JPCF3/8-N03	JPMF3/8-N03
N3/8	1/2	JMPC1/2-N03	JMPCF1/2-N03	JPC1/2-N03	JPOC1/2-N03	JPCF1/2-N03	JPMF1/2-N03
N1/2	1/4	JMPC1/4-N04	JMPCF1/4-N04	JPC1/4-N04	JPOC1/4-N04	JPCF1/4-N04	JPMF1/4-N04
N1/2	5/16	JMPC5/16-N04	JMPCF5/16-N04	JPC5/16-N04	JPOC5/16-N04	JPCF5/16-N04	JPMF5/16-N04
N1/2	3/8	JMPC3/8-N04	JMPCF3/8-N04	JPC3/8-N04	JPOC3/8-N04	JPCF3/8-N04	JPMF3/8-N04
N1/2	1/2	JMPC1/2-N04	JMPCF1/2-N04	JPC1/2-N04	JPOC1/2-N04	JPCF1/2-N04	JPMF1/2-N04

PUSH-IN FITTINGS

Straight adaptors and connectors

Adaptors - Metric & G (Parallel 55°)



Thread	O/D Tube	External hex only	Female	External & internal hex	Internal hex only	Female	Bulkhead female
M5	4	JMPC04-M5	JMPCF04-M5	JPC04-M5	JPOC04-M5	JPCF04-M5	JPMF04-M5
M5	6	JMPC06-M5	JMPCF06-M5	JPC06-M5	JPOC06-M5	JPCF06-M5	JPMF06-M5
M6	4	JMPC04-M6	JMPCF04-M6	JPC04-M6	JPOC04-M6	JPCF04-M6	JPMF04-M6
M6	6	JMPC06-M6	JMPCF06-M6	JPC06-M6	JPOC06-M6	JPCF06-M6	JPMF06-M6
G1/8	4	JMPC04-G01	JMPCF04-G01	JPC04-G01	JPOC04-G01	JPCF04-G01	JPMF04-G01
G1/8	6	JMPC06-G01	JMPCF06-G01	JPC06-G01	JPOC06-G01	JPCF06-G01	JPMF06-G01
G1/8	8	JMPC08-G01	JMPCF08-G01	JPC08-G01	JPOC08-G01	JPCF08-G01	JPMF08-G01
G1/8	10	JMPC10-G01	JMPCF10-G01	JPC10-G01	JPOC10-G01	JPCF10-G01	JPMF10-G01
G1/8	12	-	-	JPC12-G01	JPOC12-G01	JPCF12-G01	JPMF12-G01
G1/4	4	JMPC04-G02	JMPCF04-G02	JPC04-G02	JPOC04-G02	JPCF04-G02	JPMF04-G02
G1/4	6	JMPC06-G02	JMPCF06-G02	JPC06-G02	JPOC06-G02	JPCF06-G02	JPMF06-G02
G1/4	8	JMPC08-G02	JMPCF08-G02	JPC08-G02	JPOC08-G02	JPCF08-G02	JPMF08-G02
G1/4	10	JMPC10-G02	JMPCF10-G02	JPC10-G02	JPOC10-G02	JPCF10-G02	JPMF10-G02
G1/4	12	JMPC12-G02	JMPCF12-G02	JPC12-G02	JPOC12-G02	JPCF12-G02	JPMF12-G02
G3/8	6	JMPC06-G03	JMPCF06-G03	JPC06-G03	JPOC06-G03	JPCF06-G03	JPMF06-G03
G3/8	8	JMPC08-G03	JMPCF08-G03	JPC08-G03	JPOC08-G03	JPCF08-G03	JPMF08-G03
G3/8	10	JMPC10-G03	JMPCF10-G03	JPC10-G03	JPOC10-G03	JPCF10-G03	JPMF10-G03
G3/8	12	JMPC12-G03	JMPCF12-G03	JPC12-G03	JPOC12-G03	JPCF12-G03	JPMF12-G03
G3/8	16	-	-	JPC16-G03	JPOC16-G03	JPCF16-G03	-
G1/2	6	JMPC06-G04	JMPCF06-G04	JPC06-G04	JPOC06-G04	JPCF06-G04	JPMF06-G04
G1/2	8	JMPC08-G04	JMPCF08-G04	JPC08-G04	JPOC08-G04	JPCF08-G04	JPMF08-G04
G1/2	10	JMPC10-G04	JMPCF10-G04	JPC10-G04	JPOC10-G04	JPCF10-G04	JPMF10-G04
G1/2	12	JMPC12-G04	JMPCF12-G04	JPC12-G04	JPOC12-G04	JPCF12-G04	JPMF12-G04
G1/2	16	-	-	JPC16-G04	JPOC16-G04	JPCF16-G04	-

Connectors



O/D Tube O/D Stem	O/D Tube O/D Stem	Union	Bulkhead	Union	Bulkhead	Stem-tube	Stem-tube
4	4	JMPU04	JMPM04	JPU04	JPM04	-	-
6	6	JMPU06	JMPM06	JPU06	JPM06	-	-
8	8	JMPU08	JMPM08	JPU08	JPM08	-	-
10	10	JMPU10	JMPM10	JPU10	JPM10	-	-
12	12	JMPU12	JMPM12	JPU12	JPM12	-	-
16	16	-	-	JPU16	-	-	-
6	4	JMPU0604	-	JPU0604	-	JPGJ0604	JPUJ0604
8	4	JMPU0804	-	JPU0804	-	JPGJ0804	JPUJ0804
8	6	JMPU0806	-	JPU0806	-	JPGJ0806	JPUJ0806
10	6	JMPU1006	-	JPU1006	-	JPGJ1006	JPUJ1006
10	8	JMPU1008	-	JPU1008	-	JPGJ1008	JPUJ1008
12	8	JMPU1208	-	JPU1208	-	JPGJ1208	JPUJ1208
12	10	JMPU1210	-	JPU1210	-	JPGJ1210	JPUJ1210

Plug



O/D Tube	Plug
4	JPP04
6	JPP06
8	JPP08
10	JPP10
12	JPP12

*: Inch tube 5/32, 3/16, 1/4, 5/16, 3/8, 1/2 available for JMPU, JMPM, JPU, JPM, JPGJ and JPUJ.
Ordering code example: JPU1/4

PUSH-IN FITTINGS

Elbow adaptors and connectors

Elbow - BSPT (Taper 55°)



Thread	O/D Tube	Swivel male	Universal elbow	Swivel male	Female elbow	Extended male elbow	Universal elbow	Universal
R1/8	4	JMPL04-R01	JMPH04-R01	JPL04-R01	JPLF04-R01	JPLL04-R01	JPH04-R01	JPHF04-R01
R1/8	6	JMPL06-R01	JMPH06-R01	JPL06-R01	JPLF06-R01	JPLL06-R01	JPH06-R01	JPHF06-R01
R1/8	8	JMPL08-R01	JMPH08-R01	JPL08-R01	JPLF08-R01	JPLL08-R01	JPH08-R01	JPHF08-R01
R1/8	10	JMPL10-R01	JMPH10-R01	JPL10-R01	JPLF10-R01	JPLL10-R01	JPH10-R01	JPHF10-R01
R1/8	12	-	-	JPL12-R01	JPLF12-R01	JPLL12-R01	JPH12-R01	JPHF12-R01
R1/4	4	JMPL04-R02	JMPH04-R02	JPL04-R02	JPLF04-R02	JPLL04-R02	JPH04-R02	JPHF04-R02
R1/4	6	JMPL06-R02	JMPH06-R02	JPL06-R02	JPLF06-R02	JPLL06-R02	JPH06-R02	JPHF06-R02
R1/4	8	JMPL08-R02	JMPH08-R02	JPL08-R02	JPLF08-R02	JPLL08-R02	JPH08-R02	JPHF08-R02
R1/4	10	JMPL10-R02	JMPH10-R02	JPL10-R02	JPLF10-R02	JPLL10-R02	JPH10-R02	JPHF10-R02
R1/4	12	JMPL12-R02	JMPH12-R02	JPL12-R02	JPLF12-R02	JPLL12-R02	JPH12-R02	JPHF12-R02
R3/8	6	JMPL06-R03	JMPH06-R03	JPL06-R03	JPLF06-R03	JPLL06-R03	JPH06-R03	JPHF06-R03
R3/8	8	JMPL08-R03	JMPH08-R03	JPL08-R03	JPLF08-R03	JPLL08-R03	JPH08-R03	JPHF08-R03
R3/8	10	JMPL10-R03	JMPH10-R03	JPL10-R03	JPLF10-R03	JPLL10-R03	JPH10-R03	JPHF10-R03
R3/8	12	JMPL12-R03	JMPH12-R03	JPL12-R03	JPLF12-R03	JPLL12-R03	JPH12-R03	JPHF12-R03
R3/8	16	-	-	JPL16-R03	JPLF16-R03	JPLL16-R03	-	-
R1/2	6	JMPL06-R04	JMPH06-R04	JPL06-R04	JPLF06-R04	JPLL06-R04	JPH06-R04	JPHF06-R04
R1/2	8	JMPL08-R04	JMPH08-R04	JPL08-R04	JPLF08-R04	JPLL08-R04	JPH08-R04	JPHF08-R04
R1/2	10	JMPL10-R04	JMPH10-R04	JPL10-R04	JPLF10-R04	JPLL10-R04	JPH10-R04	JPHF10-R04
R1/2	12	JMPL12-R04	JMPH12-R04	JPL12-R04	JPLF12-R04	JPLL12-R04	JPH12-R04	JPHF12-R04
R1/2	16	-	-	JPL16-R04	JPLF16-R04	JPLL16-R04	-	-

Elbow - NPT (Taper 60°)



Thread	O/D Tube	Swivel male	Universal elbow	Swivel male	Female elbow	Extended male elbow	Universal elbow	Female universal
N1/8	5/32	JMPL5/32-N01	JMPH5/32-N01	JPL5/32-N01	JPLF5/32-N01	JPLL5/32-N01	JPH5/32-N01	JPHF5/32-N01
N1/8	3/16	JMPL3/16-N01	JMPH3/16-N01	JPL3/16-N01	JPLF3/16-N01	JPLL3/16-N01	JPH3/16-N01	JPHF3/16-N01
N1/8	1/4	JMPL1/4-N01	JMPH1/4-N01	JPL1/4-N01	JPLF1/4-N01	JPLL1/4-N01	JPH1/4-N01	JPHF1/4-N01
N1/8	5/16	JMPL5/16-N01	JMPH5/16-N01	JPL5/16-N01	JPLF5/16-N01	JPLL5/16-N01	JPH5/16-N01	JPHF5/16-N01
N1/8	3/8	JMPL3/8-N01	JMPH3/8-N01	JPL3/8-N01	JPLF3/8-N01	JPLL3/8-N01	JPH3/8-N01	JPHF3/8-N01
N1/8	1/2	JMPL1/2-N01	JMPH1/2-N01	JPL1/2-N01	JPLF1/2-N01	JPLL1/2-N01	JPH1/2-N01	JPHF1/2-N01
N1/4	5/32	JMPL5/32-N02	JMPH5/32-N02	JPL5/32-N02	JPLF5/32-N02	JPLL5/32-N02	JPH5/32-N02	JPHF5/32-N02
N1/4	3/16	JMPL3/16-N02	JMPH3/16-N02	JPL3/16-N02	JPLF3/16-N02	JPLL3/16-N02	JPH3/16-N02	JPHF3/16-N02
N1/4	1/4	JMPL1/4-N02	JMPH1/4-N02	JPL1/4-N02	JPLF1/4-N02	JPLL1/4-N02	JPH1/4-N02	JPHF1/4-N02
N1/4	5/16	JMPL5/16-N02	JMPH5/16-N02	JPL5/16-N02	JPLF5/16-N02	JPLL5/16-N02	JPH5/16-N02	JPHF5/16-N02
N1/4	3/8	JMPL3/8-N02	JMPH3/8-N02	JPL3/8-N02	JPLF3/8-N02	JPLL3/8-N02	JPH3/8-N02	JPHF3/8-N02
N1/4	1/2	JMPL1/2-N02	JMPH1/2-N02	JPL1/2-N02	JPLF1/2-N02	JPLL1/2-N02	JPH1/2-N02	JPHF1/2-N02
N3/8	1/4	JMPL1/4-N03	JMPH1/4-N03	JPL1/4-N03	JPLF1/4-N03	JPLL1/4-N03	JPH1/4-N03	JPHF1/4-N03
N3/8	5/16	JMPL5/16-N03	JMPH5/16-N03	JPL5/16-N03	JPLF5/16-N03	JPLL5/16-N03	JPH5/16-N03	JPHF5/16-N03
N3/8	3/8	JMPL3/8-N03	JMPH3/8-N03	JPL3/8-N03	JPLF3/8-N03	JPLL3/8-N03	JPH3/8-N03	JPHF3/8-N03
N3/8	1/2	JMPL1/2-N03	JMPH1/2-N03	JPL1/2-N03	JPLF1/2-N03	JPLL1/2-N03	JPH1/2-N03	JPHF1/2-N03
N1/2	1/4	JMPL1/4-N04	JMPH1/4-N04	JPL1/4-N04	JPLF1/4-N04	JPLL1/4-N04	JPH1/4-N04	JPHF1/4-N04
N1/2	5/16	JMPL5/16-N04	JMPH5/16-N04	JPL5/16-N04	JPLF5/16-N04	JPLL5/16-N04	JPH5/16-N04	JPHF5/16-N04
N1/2	3/8	JMPL3/8-N04	JMPH3/8-N04	JPL3/8-N04	JPLF3/8-N04	JPLL3/8-N04	JPH3/8-N04	JPHF3/8-N04
N1/2	1/2	JMPL1/2-N04	JMPH1/2-N04	JPL1/2-N04	JPLF1/2-N04	JPLL1/2-N04	JPH1/2-N04	JPHF1/2-N04

PUSH-IN FITTINGS

Elbow adaptors and connectors

Elbow - Metric & G (Parallel 55°)



Thread	O/D Tube	Swivel male	Universal elbow	Swivel male	Female elbow	Extended male elbow	Universal elbow	Female universal
M5	4	JMPL04-M5	JMPH04-M5	JPL04-M5	JPLF04-M5	JPLL04-M5	JPH04-M5	JPHF04-H5
M5	6	JMPL06-M5	JMPH06-M5	JPL06-M5	JPLF06-M5	JPLL06-M5	JPH06-M5	JPHF06-H5
M6	4	JMPL04-M6	JMPH04-M6	JPL04-M6	JPLF04-M6	JPLL04-M6	JPH04-M6	JPHF04-H6
M6	6	JMPL06-M6	JMPH06-M6	JPL06-M6	JPLF06-M6	JPLL06-M6	JPH06-M6	JPHF06-H6
G1/8	4	JMPL04-G01	JMPH04-G01	JPL04-G01	JPLF04-G01	JPLL04-G01	JPH04-G01	JPHF04-G01
G1/8	6	JMPL06-G01	JMPH06-G01	JPL06-G01	JPLF06-G01	JPLL06-G01	JPH06-G01	JPHF06-G01
G1/8	8	JMPL08-G01	JMPH08-G01	JPL08-G01	JPLF08-G01	JPLL08-G01	JPH08-G01	JPHF08-G01
G1/8	10	JMPL10-G01	JMPH10-G01	JPL10-G01	JPLF10-G01	JPLL10-G01	JPH10-G01	JPHF10-G01
G1/8	12	-	-	JPL12-G01	JPLF12-G01	JPLL12-G01	JPH12-G01	JPHF12-G01
G1/4	4	JMPL04-G02	JMPH04-G02	JPL04-G02	JPLF04-G02	JPLL04-G02	JPH04-G02	JPHF04-G02
G1/4	6	JMPL06-G02	JMPH06-G02	JPL06-G02	JPLF06-G02	JPLL06-G02	JPH06-G02	JPHF06-G02
G1/4	8	JMPL08-G02	JMPH08-G02	JPL08-G02	JPLF08-G02	JPLL08-G02	JPH08-G02	JPHF08-G02
G1/4	10	JMPL10-G02	JMPH10-G02	JPL10-G02	JPLF10-G02	JPLL10-G02	JPH10-G02	JPHF10-G02
G1/4	12	JMPL12-G02	JMPH12-G02	JPL12-G02	JPLF12-G02	JPLL12-G02	JPH12-G02	JPHF12-G02
G3/8	6	JMPL06-G03	JMPH06-G03	JPL06-G03	JPLF06-G03	JPLL06-G03	JPH06-G03	JPHF06-G03
G3/8	8	JMPL08-G03	JMPH08-G03	JPL08-G03	JPLF08-G03	JPLL08-G03	JPH08-G03	JPHF08-G03
G3/8	10	JMPL10-G03	JMPH10-G03	JPL10-G03	JPLF10-G03	JPLL10-G03	JPH10-G03	JPHF10-G03
G3/8	12	JMPL12-G03	JMPH12-G03	JPL12-G03	JPLF12-G03	JPLL12-G03	JPH12-G03	JPHF12-G03
G3/8	16	-	-	JPL16-G03	JPLF16-G03	JPLL16-G03	-	-
G1/2	6	JMPL06-G04	JMPH06-G04	JPL06-G04	JPLF06-G04	JPLL06-G04	JPH06-G04	JPHF06-G04
G1/2	8	JMPL08-G04	JMPH08-G04	JPL08-G04	JPLF08-G04	JPLL08-G04	JPH08-G04	JPHF08-G04
G1/2	10	JMPL10-G04	JMPH10-G04	JPL10-G04	JPLF10-G04	JPLL10-G04	JPH10-G04	JPHF10-G04
G1/2	12	JMPL12-G04	JMPH12-G04	JPL12-G04	JPLF12-G04	JPLL12-G04	JPH12-G04	JPHF12-G04
G1/2	16	-	-	JPL16-G04	JPLF16-G04	JPLL16-G04	-	-

Connector Elbow



O/D Tube	O/D Tube O/D stem	Equal elbow	Equal elbow	Stem elbow
4	4	JMPV04	JPV04	JPLJ04
6	6	JMPV06	JPV06	JPLJ06
8	8	JMPV08	JPV08	JPLJ08
10	10	JMPV10	JPV10	JPLJ10
12	12	JMPV12	JPV12	JPLJ12
16	16	-	JPV16	JPLJ16
5/32	5/32	JMPV5/32	JPV5/32	JPLJ5/32
3/16	3/16	JMPV3/16	JPV3/16	JPLJ3/16
1/4	1/4	JMPV1/4	JPV1/4	JPLJ1/4
5/16	5/16	JMPV5/16	JPV5/16	JPLJ5/16
3/8	3/8	JMPV3/8	JPV3/8	JPLJ3/8
1/2	1/2	JMPV1/2	JPV1/2	JPLJ1/2

PUSH-IN FITTINGS

Tee adaptors and connectors

Swivel Tee - BSPT (Taper 55°)



Thread	O/D Tube	Branch tee	Run tee	Branch tee	Run tee
R1/8	4	JMPB04-R01	JMPD04-R01	JPB04-R01	JPD04-R01
R1/8	6	JMPB06-R01	JMPD06-R01	JPB06-R01	JPD06-R01
R1/8	8	JMPB08-R01	JMPD08-R01	JPB08-R01	JPD08-R01
R1/8	10	JMPB10-R01	JMPD10-R01	JPB10-R01	JPD10-R01
R1/8	12	-	-	JPB12-R01	JPD12-R01
R1/4	4	JMPB04-R02	JMPD04-R02	JPB04-R02	JPD04-R02
R1/4	6	JMPB06-R02	JMPD06-R02	JPB06-R02	JPD06-R02
R1/4	8	JMPB08-R02	JMPD08-R02	JPB08-R02	JPD08-R02
R1/4	10	JMPB10-R02	JMPD10-R02	JPB10-R02	JPD10-R02
R1/4	12	JMPB12-R02	JMPD12-R02	JPB12-R02	JPD12-R02
R3/8	6	JMPB06-R03	JMPD06-R03	JPB06-R03	JPD06-R03
R3/8	8	JMPB08-R03	JMPD08-R03	JPB08-R03	JPD08-R03
R3/8	10	JMPB10-R03	JMPD10-R03	JPB10-R03	JPD10-R03
R3/8	12	JMPB12-R03	JMPD12-R03	JPB12-R03	JPD12-R03
R3/8	16	-	-	JPB16-R03	JPD16-R03
R1/2	6	JMPB06-R04	JMPD06-R04	JPB06-R04	JPD06-R04
R1/2	8	JMPB08-R04	JMPD08-R04	JPB08-R04	JPD08-R04
R1/2	10	JMPB10-R04	JMPD10-R04	JPB10-R04	JPD10-R04
R1/2	12	JMPB12-R04	JMPD12-R04	JPB12-R04	JPD12-R04
R1/2	16	-	-	JPB16-R04	JPD16-R04

Swivel Tee - NPT (Taper 60°)



Thread	O/D Tube	Branch tee	Run tee	Branch tee	Run tee
N1/8	5/32	JMPB5/32-N01	JMPD5/32-N01	JPB5/32-N01	JPD5/32-N01
N1/8	3/16	JMPB3/16-N01	JMPD3/16-N01	JPB3/16-N01	JPD3/16-N01
N1/8	1/4	JMPB1/4-N01	JMPD1/4-N01	JPB1/4-N01	JPD1/4-N01
N1/8	5/16	JMPB5/16-N01	JMPD5/16-N01	JPB5/16-N01	JPD5/16-N01
N1/8	3/8	JMPB3/8-N01	JMPD3/8-N01	JPB3/8-N01	JPD3/8-N01
N1/8	1/2	JMPB1/2-N01	JMPD1/2-N01	JPB1/2-N01	JPD1/2-N01
N1/4	5/32	JMPB5/32-N02	JMPD5/32-N02	JPB5/32-N02	JPD5/32-N02
N1/4	3/16	JMPB3/16-N02	JMPD3/16-N02	JPB3/16-N02	JPD3/16-N02
N1/4	1/4	JMPB1/4-N02	JMPD1/4-N02	JPB1/4-N02	JPD1/4-N02
N1/4	5/16	JMPB5/16-N02	JMPD5/16-N02	JPB5/16-N02	JPD5/16-N02
N1/4	3/8	JMPB3/8-N02	JMPD3/8-N02	JPB3/8-N02	JPD3/8-N02
N1/4	1/2	JMPB1/2-N02	JMPD1/2-N02	JPB1/2-N02	JPD1/2-N02
N3/8	1/4	JMPB1/4-N03	JMPD1/4-N03	JPB1/4-N03	JPD1/4-N03
N3/8	5/16	JMPB5/16-N03	JMPD5/16-N03	JPB5/16-N03	JPD5/16-N03
N3/8	3/8	JMPB3/8-N03	JMPD3/8-N03	JPB3/8-N03	JPD3/8-N03
N3/8	1/2	JMPB1/2-N03	JMPD1/2-N03	JPB1/2-N03	JPD1/2-N03
N1/2	1/4	JMPB1/4-N04	JMPD1/4-N04	JPB1/4-N04	JPD1/4-N04
N1/2	5/16	JMPB5/16-N04	JMPD5/16-N04	JPB5/16-N04	JPD5/16-N04
N1/2	3/8	JMPB3/8-N04	JMPD3/8-N04	JPB3/8-N04	JPD3/8-N04
N1/2	1/2	JMPB1/2-N04	JMPD1/2-N04	JPB1/2-N04	JPD1/2-N04

Swivel Tee - Metric & G (Parallel 55°)



Thread	O/D Tube	Branch tee	Run tee	Branch tee	Run tee
M5	4	JMPB04-M5	JMPD04-M5	JPB04-M5	JPD04-M5
M5	6	JMPB06-M5	JMPD06-M5	JPB06-M5	JPD06-M5
M6	4	JMPB04-M6	JMPD04-M6	JPB04-M6	JPD04-M6
M6	6	JMPB06-M6	JMPD06-M6	JPB06-M6	JPD06-M6
G1/8	4	JMPB04-G01	JMPD04-G01	JPB04-G01	JPD04-G01
G1/8	6	JMPB06-G01	JMPD06-G01	JPB06-G01	JPD06-G01
G1/8	8	JMPB08-G01	JMPD08-G01	JPB08-G01	JPD08-G01
G1/8	10	JMPB10-G01	JMPD10-G01	JPB10-G01	JPD10-G01
G1/8	12	-	-	JPB12-G01	JPD12-G01
G1/4	4	JMPB04-G02	JMPD04-G02	JPB04-G02	JPD04-G02
G1/4	6	JMPB06-G02	JMPD06-G02	JPB06-G02	JPD06-G02
G1/4	8	JMPB08-G02	JMPD08-G02	JPB08-G02	JPD08-G02
G1/4	10	JMPB10-G02	JMPD10-G02	JPB10-G02	JPD10-G02
G1/4	12	JMPB12-G02	JMPD12-G02	JPB12-G02	JPD12-G02
G3/8	6	JMPB06-G03	JMPD06-G03	JPB06-G03	JPD06-G03
G3/8	8	JMPB08-G03	JMPD08-G03	JPB08-G03	JPD08-G03
G3/8	10	JMPB10-G03	JMPD10-G03	JPB10-G03	JPD10-G03
G3/8	12	JMPB12-G03	JMPD12-G03	JPB12-G03	JPD12-G03
G3/8	16	-	-	JPB16-G03	JPD16-G03
G1/2	6	JMPB06-G04	JMPD06-G04	JPB06-G04	JPD06-G04
G1/2	8	JMPB08-G04	JMPD08-G04	JPB08-G04	JPD08-G04
G1/2	10	JMPB10-G04	JMPD10-G04	JPB10-G04	JPD10-G04
G1/2	12	JMPB12-G04	JMPD12-G04	JPB12-G04	JPD12-G04
G1/2	16	-	-	JPB16-G04	JPD16-G04

Connector Tee & Cross



O/D Tube (*)	O/D Tube (*)	Equal tee	Tee	Stem tee	Stem tee	Cross
4	4	JMPET04	JPE04	JPBJ04	JPDJ04	JPZ04
6	6	JMPET06	JPE06	JPBJ06	JPDJ06	JPZ06
8	8	JMPE08	JPE08	JPBJ08	JPDJ08	JPZ08
10	10	JMPE10	JPE10	JPBJ10	JPDJ10	JPZ10
12	12	JMPE12	JPE12	JPBJ12	JPDJ12	JPZ12
16	16	-	JPE16	-	-	-
6	4	-	JPE0604	JPBJ0604	JPDJ0604	-
8	4	-	JPE0804	JPBJ0804	JPDJ0804	-
8	6	-	JPE0806	JPBJ0806	JPDJ0806	-
10	6	-	JPE1006	JPBJ1006	JPDJ1006	-
10	8	-	JPE1008	JPBJ1008	JPDJ1008	-
12	8	-	JPE1208	JPBJ1208	JPDJ1208	-
12	10	-	JPE1210	JPBJ1210	JPDJ1210	-

*: Inch tube 5/32, 3/16, 1/4, 5/16, 3/8, 1/2 available.
Ordering code example: JPE1/4

PUSH-IN FITTINGS

Y adaptors and connectors

Swivel Y - BSPT (Taper 55°)



Thread	O/D Tube	Male branch Y	Male branch Y
R1/8	4	JMPX04-R01	JPX04-R01
R1/8	6	JMPX06-R01	JPX06-R01
R1/8	8	JMPX08-R01	JPX08-R01
R1/8	10	JMPX10-R01	JPX10-R01
R1/8	12	-	JPX12-R01
R1/4	4	JMPX04-R02	JPX04-R02
R1/4	6	JMPX06-R02	JPX06-R02
R1/4	8	JMPX08-R02	JPX08-R02
R1/4	10	JMPX10-R02	JPX10-R02
R1/4	12	JMPX12-R02	JPX12-R02
R3/8	6	JMPX06-R03	JPX06-R03
R3/8	8	JMPX08-R03	JPX08-R03
R3/8	10	JMPX10-R03	JPX10-R03
R3/8	12	JMPX12-R03	JPX12-R03
R3/8	16	-	JPX16-R03
R1/2	6	JMPX06-R04	JPX06-R04
R1/2	8	JMPX08-R04	JPX08-R04
R1/2	10	JMPX10-R04	JPX10-R04
R1/2	12	JMPX12-R04	JPX12-R04
R1/2	16	-	JPX16-R04

Swivel Y - NPT (Taper 60°)



Thread	O/D Tube	Male branch Y	Male branch Y
N1/8	5/32	JMPX5/32-N01	JPX5/32-N01
N1/8	3/16	JMPX3/16-N01	JPX3/16-N01
N1/8	1/4	JMPX1/4-N01	JPX1/4-N01
N1/8	5/16	JMPX5/16-N01	JPX5/16-N01
N1/8	3/8	JMPX3/8-N01	JPX3/8-N01
N1/8	1/2	JMPX1/2-N01	JPX1/2-N01
N1/4	5/32	JMPX5/32-N02	JPX5/32-N02
N1/4	3/16	JMPX3/16-N02	JPX3/16-N02
N1/4	1/4	JMPX1/4-N02	JPX1/4-N02
N1/4	5/16	JMPX5/16-N02	JPX5/16-N02
N1/4	3/8	JMPX3/8-N02	JPX3/8-N02
N1/4	1/2	JMPX1/2-N02	JPX1/2-N02
N3/8	1/4	JMPX1/4-N03	JPX1/4-N03
N3/8	5/16	JMPX5/16-N03	JPX5/16-N03
N3/8	3/8	JMPX3/8-N03	JPX3/8-N03
N3/8	1/2	JMPX1/2-N03	JPX1/2-N03
N1/2	1/4	JMPX1/4-N04	JPX1/4-N04
N1/2	5/16	JMPX5/16-N04	JPX5/16-N04
N1/2	3/8	JMPX3/8-N04	JPX3/8-N04
N1/2	1/2	JMPX1/2-N04	JPX1/2-N04

Swivel Y - Metric & G (Parallel 55°)



Thread	O/D Tube	Male branch Y	Male branch Y
M5	4	JMPX04-M5	JPX04-M5
M5	6	JMPX06-M5	JPX06-M5
M6	4	JMPX04-M6	JPX04-M6
M6	6	JMPX06-M6	JPX06-M6
G1/8	4	JMPX04-G01	JPX04-G01
G1/8	6	JMPX06-G01	JPX06-G01
G1/8	8	JMPX08-G01	JPX08-G01
G1/8	10	JMPX10-G01	JPX10-G01
G1/8	12	-	JPX12-G01
G1/4	4	JMPX04-G02	JPX04-G02
G1/4	6	JMPX06-G02	JPX06-G02
G1/4	8	JMPX08-G02	JPX08-G02
G1/4	10	JMPX10-G02	JPX10-G02
G1/4	12	JMPX12-G02	JPX12-G02
G3/8	6	JMPX06-G03	JPX06-G03
G3/8	8	JMPX08-G03	JPX08-G03
G3/8	10	JMPX10-G03	JPX10-G03
G3/8	12	JMPX12-G03	JPX12-G03
G3/8	16	-	JPX16-G03
G1/2	6	JMPX06-G04	JPX06-G04
G1/2	8	JMPX08-G04	JPX08-G04
G1/2	10	JMPX10-G04	JPX10-G04
G1/2	12	JMPX12-G04	JPX12-G04
G1/2	16	-	JPX16-G04

Connector Y



O/D Tube [*]	O/D Tube [*] O/D Stem	Union Y	Union Y	Stem Y
4	4	JMPY04	JPY04	JPYJ04
6	6	JMPY06	JPY06	JPYJ06
8	8	JMPY08	JPY08	JPYJ08
10	10	JMPY10	JPY10	JPYJ10
12	12	JMPY12	JPY12	JPYJ12
16	16	-	JPY16	JPYJ16
4	6	-	JPY0604	JPYJ0604
4	8	-	JPY0804	JPYJ0804
6	8	-	JPY0806	JPYJ0806
6	10	-	JPY1006	JPYJ1006
8	10	-	JPY1008	JPYJ1008
8	12	-	JPY1208	JPYJ1208
10	12	-	JPY1210	JPYJ1210

*: Inch tube 5/32, 3/16, 1/4, 5/16, 3/8, 1/2 available for JMPY and JPY.
Ordering code example: JPY1/4

FUNCTIONAL FITTINGS

Check valves and stop fittings

Adaptors-BSPT (Taper 55°)



Thread	O/D Tube	Check valve		Stop fitting	
		Tube-out	Tube-in	Tube-out	Tube-out
R1/8	4	JCVC04-R01	JCVCB04-R01	JSFC04-R01	JSFL04-R01
R1/8	6	JCVC06-R01	JCVCB06-R01	JSFC06-R01	JSFL06-R01
R1/8	8	JCVC08-R01	JCVCB08-R01	JSFC08-R01	JSFL08-R01
R1/4	6	JCVC06-R02	JCVCB06-R02	JSFC06-R02	JSFL06-R02
R1/4	8	JCVC08-R02	JCVCB08-R02	JSFC08-R02	JSFL08-R02
R1/4	10	-	-	JSFC10-R02	JSFL10-R02
R1/4	12	-	-	JSFC12-R02	JSFL12-R02
R3/8	8	-	-	JSFC08-R03	JSFL08-R03
R3/8	10	JCVC10-R03	JCVCB10-R03	JSFC10-R03	JSFL10-R03
R3/8	12	JCVC12-R03	JCVCB12-R03	JSFC12-R03	JSFL12-R03
R1/2	10	JCVC10-R04	JCVCB10-R04	JSFC10-R04	JSFL10-R04
R1/2	12	JCVC12-R04	JCVCB12-R04	JSFC12-R04	JSFL12-R04

Note: NPT is available, please feel free to contact us for detail.

Adaptors-Metric & G (Parallel 55°)



Thread	O/D Tube	Check valve		Stop fitting	
		Tube-out	Tube-in	Tube-out	Tube-out
M5	4	JCVC04-M5	JCVCB04-M5	JSFC04-M5	JSFL04-M5
M6	4	JCVC04-M6	JCVCB04-M6	JSFC04-M6	JSFL04-M6
G1/8	4	JCVC04-G01	JCVCB04-G01	JSFC04-G01	JSFL04-G01
G1/8	6	JCVC06-G01	JCVCB06-G01	JSFC06-G01	JSFL06-G01
G1/8	8	JCVC08-G01	JCVCB08-G01	JSFC08-G01	JSFL08-G01
G1/4	6	JCVC06-G02	JCVCB06-G02	JSFC06-G02	JSFL06-G02
G1/4	8	JCVC08-G02	JCVCB08-G02	JSFC08-G02	JSFL08-G02
G1/4	10	-	-	JSFC10-G02	JSFL10-G02
G1/4	12	-	-	JSFC12-G02	JSFL12-G02
G3/8	8	-	-	JSFC08-G03	JSFL08-G03
G3/8	10	JCVC10-G03	JCVCB10-G03	JSFC10-G03	JSFL10-G03
G3/8	12	JCVC12-G03	JCVCB12-G03	JSFC12-G03	JSFL12-G03
G1/2	10	JCVC10-G04	JCVCB10-G04	JSFC10-G04	JSFL10-G04
G1/2	12	JCVC12-G04	JCVCB12-G04	JSFC12-G04	JSFL12-G04

Both thread-BSPT(Taper 55°)



Male thread	Female thread	Check valve	
		Male to female	Female to male
R1/8	R1/8	JCVF-R01	JCVFB-R01
R1/4	R1/4	JCVF-R02	JCVFB-R02
R3/8	R3/8	JCVF-R03	JCVFB-R03
R1/2	R1/2	JCVF-R04	JCVFB-R04

Both thread-G(Parallel 55°)



Male thread	Female thread	Check valve	
		Male to female	Female to male
G1/8	G1/8	JCVF-G01	JCVFB-G01
G1/4	G1/4	JCVF-G02	JCVFB-G02
G3/8	G3/8	JCVF-G03	JCVFB-G03
G1/2	G1/2	JCVF-G04	JCVFB-G04

Union



O/D Tube	O/D Tube	Check valve	Stop fitting
4	4	JCVU04	JSFU04
6	6	JCVU06	JSFU06
8	8	JCVU08	JSFU08
10	10	JCVU10	JSFU10
12	12	JCVU12	JSFU12

PRODUCT LINKS

We also have RE/ASC/AS4000 series flow control valves. See page 52



FUNCTIONAL FITTINGS

Flow controllers and finger valves

Adaptors - BSPT (Taper 55°)



Thread	O/D Tube	Tube-in (1)	Tube-in (1)	Tube-in (2)	Tube-out (2)
R1/8	4	JMSC04-R01	JSC04-R01	-	-
R1/8	6	JMSC06-R01	JSC06-R01	HVSF06-R01	HVFS06-R01
R1/8	8	JMSC08-R01	JSC08-R01	HVSF08-R01	HVFS08-R01
R1/8	10	JMSC10-R01	JSC10-R01	HVSF10-R01	HVFS10-R01
R1/8	12	-	-	HVSF12-R01	HVFS12-R01
R1/4	4	JMSC04-R02	JSC04-R02	-	-
R1/4	6	JMSC06-R02	JSC06-R02	HVSF06-R02	HVFS06-R02
R1/4	8	JMSC08-R02	JSC08-R02	HVSF08-R02	HVFS08-R02
R1/4	10	JMSC10-R02	JSC10-R02	HVSF10-R02	HVFS10-R02
R1/4	12	JMSC12-R02	JSC12-R02	HVSF12-R02	HVFS12-R02
R3/8	6	JMSC06-R03	JSC06-R03	HVSF06-R03	HVFS06-R03
R3/8	8	JMSC08-R03	JSC08-R03	HVSF08-R03	HVFS08-R03
R3/8	10	JMSC10-R03	JSC10-R03	HVSF10-R03	HVFS10-R03
R3/8	12	JMSC12-R03	JSC12-R03	HVSF12-R03	HVFS12-R03
R1/2	6	JMSC06-R04	JSC06-R04	-	-
R1/2	8	JMSC08-R04	JSC08-R04	-	-
R1/2	10	JMSC10-R04	JSC10-R04	HVSF10-R04	HVFS10-R04
R1/2	12	JMSC12-R04	JSC12-R04	HVSF12-R04	HVFS12-R04

Adaptors - NPT (Taper 60°)



Thread	O/D Tube	Tube-in (1)	Tube-in (1)	Tube-in (2)	Tube-out (2)
N1/8	5/32	JMSC5/32-N01	JSC5/32-N01	HVSF5/32-N01	HVFS5/32-N01
N1/8	3/16	JMSC3/16-N01	JSC3/16-N01	HVSF3/16-N01	HVFS3/16-N01
N1/8	1/4	JMSC1/4-N01	JSC1/4-N01	HVSF1/4-N01	HVFS1/4-N01
N1/8	5/16	JMSC5/16-N01	JSC5/16-N01	HVSF5/16-N01	HVFS5/16-N01
N1/8	3/8	JMSC3/8-N01	JSC3/8-N01	HVSF3/8-N01	HVFS3/8-N01
N1/8	1/2	JMSC1/2-N01	JSC1/2-N01	HVSF1/2-N01	HVFS1/2-N01
N1/4	5/32	JMSC5/32-N02	JSC5/32-N02	HVSF5/32-N02	HVFS5/32-N02
N1/4	3/16	JMSC3/16-N02	JSC3/16-N02	HVSF3/16-N02	HVFS3/16-N02
N1/4	1/4	JMSC1/4-N02	JSC1/4-N02	HVSF1/4-N02	HVFS1/4-N02
N1/4	5/16	JMSC5/16-N02	JSC5/16-N02	HVSF5/16-N02	HVFS5/16-N02
N1/4	3/8	JMSC3/8-N02	JSC3/8-N02	HVSF3/8-N02	HVFS3/8-N02
N1/4	1/2	JMSC1/2-N02	JSC1/2-N02	HVSF1/2-N02	HVFS1/2-N02
N3/8	1/4	JMSC1/4-N03	JSC1/4-N03	HVSF1/4-N03	HVFS1/4-N03
N3/8	5/16	JMSC5/16-N03	JSC5/16-N03	HVSF5/16-N03	HVFS5/16-N03
N3/8	3/8	JMSC3/8-N03	JSC3/8-N03	HVSF3/8-N03	HVFS3/8-N03
N3/8	1/2	JMSC1/2-N03	JSC1/2-N03	HVSF1/2-N03	HVFS1/2-N03
N1/2	1/4	JMSC1/4-N04	JSC1/4-N04	HVSF1/4-N04	HVFS1/4-N04
N1/2	5/16	JMSC5/16-N04	JSC5/16-N04	HVSF5/16-N04	HVFS5/16-N04
N1/2	3/8	JMSC3/8-N04	JSC3/8-N04	HVSF3/8-N04	HVFS3/8-N04
N1/2	1/2	JMSC1/2-N04	JSC1/2-N04	HVSF1/2-N04	HVFS1/2-N04

Adaptors - Metric & G (Parallel 55°)



Thread	O/D Tube	Tube-in (1)	Tube-in (1)	Tube-in (2)	Tube-out (2)
M5	4	JMSC04-M5	JSC04-M5	-	-
M5	6	JMSC06-M5	JSC06-M5	-	-
M6	4	JMSC04-M6	JSC04-M6	-	-
M6	6	JMSC06-M6	JSC06-M6	-	-
G1/8	4	JMSC04-G01	JSC04-G01	-	-
G1/8	6	JMSC06-G01	JSC06-G01	HVSF06-G01	HVFS06-G01
G1/8	8	JMSC08-G01	JSC08-G01	HVSF08-G01	HVFS08-G01
G1/8	10	JMSC10-G01	JSC10-G01	HVSF10-G01	HVFS10-G01
G1/8	12	-	-	HVSF12-G01	HVFS12-G01
G1/4	4	JMSC04-G02	JSC04-G02	-	-
G1/4	6	JMSC06-G02	JSC06-G02	HVSF06-G02	HVFS06-G02
G1/4	8	JMSC08-G02	JSC08-G02	HVSF08-G02	HVFS08-G02
G1/4	10	JMSC10-G02	JSC10-G02	HVSF10-G02	HVFS10-G02
G1/4	12	JMSC12-G02	JSC12-G02	HVSF12-G02	HVFS12-G02
G3/8	6	JMSC06-G03	JSC06-G03	HVSF06-G03	HVFS06-G03
G3/8	8	JMSC08-G03	JSC08-G03	HVSF08-G03	HVFS08-G03
G3/8	10	JMSC10-G03	JSC10-G03	HVSF10-G03	HVFS10-G03
G3/8	12	JMSC12-G03	JSC12-G03	HVSF12-G03	HVFS12-G03
G1/2	6	JMSC06-G04	JSC06-G04	-	-
G1/2	8	JMSC08-G04	JSC08-G04	-	-
G1/2	10	JMSC10-G04	JSC10-G04	HVSF10-G04	HVFS10-G04
G1/2	12	JMSC12-G04	JSC12-G04	HVSF12-G04	HVFS12-G04

*: When you need 3 way finger valve, please plus "B" after the model code.
Ordering code example: HVFF06B

Union straight



O/D Tube (*)	O/D Tube (*)	Speed controller	Tube to tube
4	4	JSU04	-
6	6	JSU06	HVFF06
8	8	JSU08	HVFF08
10	10	JSU10	HVFF10
12	12	JSU12	HVFF12
8	6	-	HVFF0806
10	8	-	HVFF1008
12	10	-	HVFF1210

*: Inch tube 5/32, 3/16, 1/4, 5/16, 3/8, 1/2 available for JSU.
Ordering code example: JSU1/4

Both thread



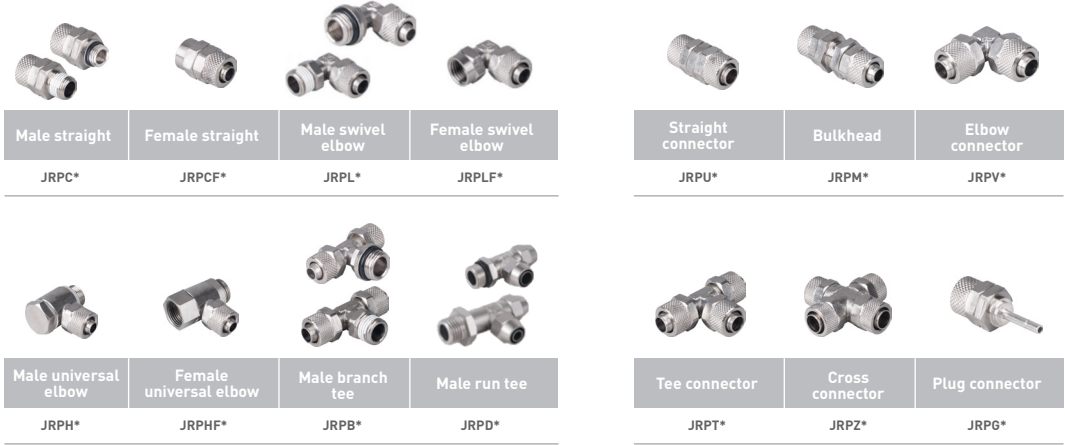
Thread	Thread	Thread to thread	Thread to thread
1/8	1/8	HVSS-R01	HVSS-G01
1/4	1/4	HVSS-R02	HVSS-G02
3/8	3/8	HVSS-R03	HVSS-G03
1/2	1/2	HVSS-R04	HVSS-G04
1/4	1/8	HVSS-R05	HVSS-G05
3/8	1/4	HVSS-R06	HVSS-G06
1/2	3/8	HVSS-R07	HVSS-G07

RAPID PUSH-ON FITTINGS

Technical Data

Medium: Compressed air
Media temperature: -10...60°C
Max. working pressure: 25 bar
Material: Brass

- Suitable for PU, PE and Nylon tube
- Convenient to connect with tube
- High air tightness
- Hardly fall off for the tube



Ordering Code

Tubing to Thread

JRPC	8x5	—	G	02
Series & type code	Tube size See tube size table		Thread type R: BSPT G: BSP N: NPT	Thread code M5 M5x0.8 M6 M6x1 01 1/8 02 1/4 03 3/8 04 1/2

Tube size table

Metric	Inch
4x2.5	1/8
6x4	1/4
8x5	3/8
8x5.5	1/2
8x6	
10x6.5	
10x8	
12x8	
12x10	

*Other size is customizable

Tubing Connector

JRPU	8x5
Series & type code	Tube size See tube size table

Tubing Reducer

JRPU	8x5	—	8x5
Series & type code	Tube size See tube size table		Tube size See tube size table

Tubing to Plug (JRPg)

JRPg	8x5	—	4
Series & type code	Tube size See tube size table		Plug size 4 Ø4mm 6 Ø6mm 8 Ø8mm 10 Ø10mm 12 Ø12mm

COMPRESSION FITTINGS

Technical Data

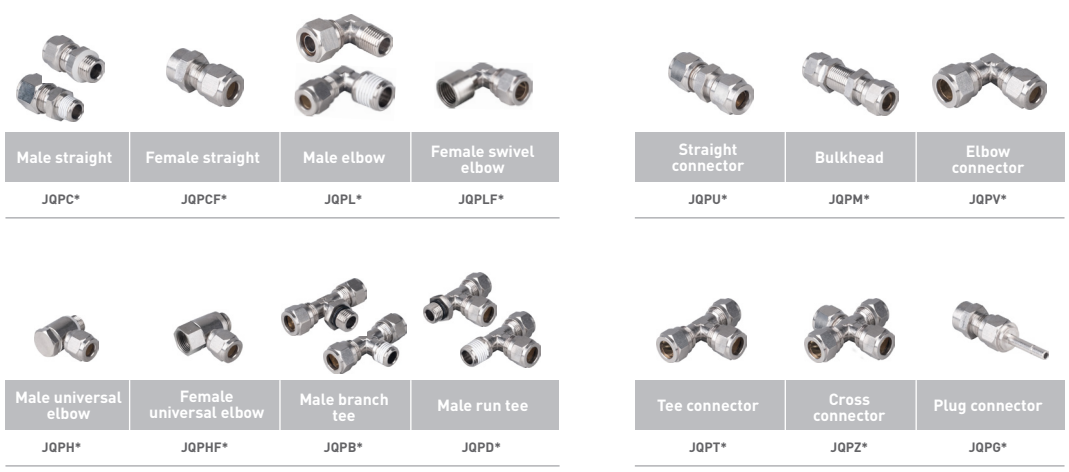
Medium: Compressed air or liquid

Media temperature: -20...80°C

Max. working pressure: 10 bar

Material: Brass

- Suitable for hardness tubing
- High temperature resistance
- High air tightness
- Hardly fall off for the tube



Male straight	Female straight	Male elbow	Female swivel elbow
JQPC*	JQPCF*	JQPL*	JQPLF*

Straight connector	Bulkhead	Elbow connector
JQPU*	JQPM*	JQPV*

Male universal elbow	Female universal elbow	Male branch tee	Male run tee
JQPH*	JQPHF*	JQPB*	JQPD*

Tee connector	Cross connector	Plug connector
JQPT*	JQPZ*	JQPG*

Shopping Cart Ordering Code

Tubing to Thread

JQPC	8x5	—	G	02
Series & type code	Tube size <input type="text" value="See tube size table"/>		Thread type R: BSPT G: BSP N: NPT	Thread code M5 M5x0.8 M6 M6x1 01 1/8 02 1/4 03 3/8 04 1/2

Tube size table

Metric	Inch
4x2.5	1/8
6x4	1/4
8x5	3/8
8x5.5	1/2
8x6	
10x6.5	
10x8	
12x8	
12x10	

*Other size is customizable

Tubing Connector

JQPU	8x5
Series & type code	Tube size <input type="text" value="See tube size table"/>

Tubing Reducer

JQPU	8x5	—	8x5
Series & type code	Tube size <input type="text" value="See tube size table"/>		Tube size <input type="text" value="See tube size table"/>

Tubing to Plug (JRPG)

JQPG	8x5	—	4
Series & type code	Tube size <input type="text" value="See tube size table"/>		Plug size 4 Ø4mm 6 Ø6mm 8 Ø8mm 10 Ø10mm 12 Ø12mm

PIPE FITTINGS

JB Brass 1/8"...1/2"

Straight



Thread	Thread	Double nipples	Sleeve
G1/8	G1/8	JBS-2MG01	JBS-2FG01
G1/4	G1/4	JBS-2MG02	JBS-2FG02
G3/8	G3/8	JBS-2MG03	JBS-2FG03
G1/2	G1/2	JBS-2MG04	JBS-2FG04
G1/4	G1/8	JBS-MG02-MG01	JBS-FG02-FG01
G3/8	G1/8	JBS-MG03-MG01	JBS-FG03-FG01
G3/8	G1/4	JBS-MG03-MG02	JBS-FG03-FG02
G1/2	G1/4	JBS-MG04-MG02	JBS-FG04-FG02
G1/2	G3/8	JBS-MG04-MG03	JBS-FG04-FG03
R1/8	R1/8	JBS-2MR01	-
R1/4	R1/4	JBS-2MR02	-
R3/8	R3/8	JBS-2MR03	-
R1/2	R1/2	JBS-2MR04	-
R1/4	R1/8	JBS-MR02-MR01	-
R3/8	R1/8	JBS-MR03-MR01	-
R3/8	R1/4	JBS-MR03-MR02	-
R1/2	R1/4	JBS-MR04-MR02	-
R1/2	R3/8	JBS-MR04-MR03	-

Reducing

Male thread	Female thread	Reducing nipple
G1/4	G1/8	JBS-MG02-FG01
G3/8	G1/8	JBS-MG03-FG01
G3/8	G1/4	JBS-MG03-FG02
G1/2	G1/8	JBS-MG04-FG01
G1/2	G1/4	JBS-MG04-FG02
G1/2	G3/8	JBS-MG04-FG03

Plug



Male thread	Plug with hex nut	Male thread	Plug with hex nut
M5	JBZ-M5	R1/8	JBZ-MR01
G1/8	JBZ-MG01	R1/4	JBZ-MR02
G1/4	JBZ-MG02	R3/8	JBZ-MR03
G3/8	JBZ-MG03	R1/2	JBZ-MR04
G1/2	JBZ-MG04		

Elbow



Female thread	Female elbow	Male thread	Male elbow	Male thread	Female thread	Elbow adaptor
G1/8	JBL-2FG01	R1/8	JBL-2MR01	R1/8	G1/8	JBL-MR01-FG01
G1/4	JBL-2FG02	R1/4	JBL-2MR02	R1/4	G1/4	JBL-MR02-FG02
G3/8	JBL-2FG03	R3/8	JBL-2MR03	R3/8	G3/8	JBL-MR03-FG03
G1/2	JBL-2FG04	R1/2	JBL-2MR04	R1/2	G1/2	JBL-MR04-FG04

Tee



Female thread	F-F-F	Male thread	M-M-M	Male threadX2	Female thread	M-M-F
G1/8	JBT-3FG01	R1/8	JBT-3MR01	R1/8	G1/8	JBT-2MR01-FG01
G1/4	JBT-3FG02	R1/4	JBT-3MR02	R1/4	G1/4	JBT-2MR02-FG02
G3/8	JBT-3FG03	R3/8	JBT-3MR03	R3/8	G3/8	JBT-2MR03-FG03
G1/2	JBT-3FG04	R1/2	JBT-3MR04	R1/2	G1/2	JBT-2MR04-FG04

Note: 3/4 inch, 1 inch and above and NPT thread are available for make to order.

Hose Adaptor



Hose bore (mm)	Male thread	G thread model	PT thread model
5	1/8	JBH05-G01	JBH05-R01
5	1/4	JBH05-G02	JBH05-R02
7	1/8	JBH07-G01	JBH07-R01
7	1/4	JBH07-G02	JBH07-R02
8	1/8	JBH08-G01	JBH08-R01
8	1/4	JBH08-G02	JBH08-R02
9	1/8	JBH09-G01	JBH09-R01
9	1/4	JBH09-G02	JBH09-R02
9	3/8	JBH09-G03	JBH09-R03
10	1/8	JBH10-G01	JBH10-R01
10	1/4	JBH10-G02	JBH10-R02
10	3/8	JBH10-G03	JBH10-R03
12	1/4	JBH12-G02	JBH12-R02
12	3/8	JBH12-G03	JBH12-R03
12	1/2	JBH12-G04	JBH12-R04

Hose Connector



Hose bore (mm)	Hose extension
5	JBH05
7	JBH07
8	JBH08
9	JBH09
10	JBH10
12	JBH12

TIPS

We are available to make customized fittings according to drawing or samples



SILENCERS

Brass/Stainless steel/Steel/Plastic M5...2"

SM Series Socket Manifolds

Technical Data

Medium: Compressed and filtered air, inert gases

Working pressure: 10 bar maximum

Ambient temperature: -20...+80°C

- Reduce the noise levels of pneumatic equipment
- Compact and efficient design
- Multiple materials and types optional



Long head type



Port size	Sintered bronze	Nickel plated steel	S.S. body	Quietaire	Umbrella
M5	A-M5	AS-M5	AAS-M5	AB-M5	SET-M5
1/8	A-□06	AS-□06	AAS-□06	AB-□06	SET-□06
1/4	A-□08	AS-□08	AAS-□08	AB-□08	SET-□08
3/8	A-□10	AS-□10	AAS-□10	AB-□10	SET-□10
1/2	A-□15	AS-□15	AAS-□15	AB-□15	SET-□15
3/4	A-□20	AS-□20	AAS-□20	AB-□20	SET-□20
1	A-□25	AS-□25	AAS-□25	AB-□25	SET-□25
1-1/4	A-□32	AS-□32	-	AB-□32	-
1-1/2	A-□40	AS-□40	-	AB-□40	-
2	A-□50	-	-	AB-□50	-

Flat/round head type



Port size	Exhaust filter	Nickel plated steel	S.S. body	Round head	S.S. fitting
M5	V-M5	VS-M5	SSV-M5	SDV-M5	SSDV-M5
1/8	V-□06	VS-□06	SSV-□06	SDV-□06	SSDV-□06
1/4	V-□08	VS-□08	SSV-□08	SDV-□08	SSDV-□08
3/8	V-□10	VS-□10	SSV-□10	SDV-□10	SSDV-□10
1/2	V-□15	VS-□15	SSV-□15	SDV-□15	SSDV-□15
3/4	V-□20	VS-□20	SSV-□20	SDV-□20	SSDV-□20
1	V-□25	VS-□25	SSV-□25	SDV-□25	SSDV-□25
1-1/4	V-□32	VS-□32	-	-	-
1-1/2	V-□40	VS-□40	-	-	-

Throttle valve silencers



Port size	Flat head	Long head	Quietaire	S.S. body	Plastic body
1/8	SD-□06	SB-□06	SC-□06	SK-□06	SP-□06
1/4	SD-□08	SB-□08	SC-□08	SK-□08	SP-□08
3/8	SD-□10	SB-□10	SC-□10	SK-□10	SP-□10
1/2	SD-□15	SB-□15	SC-□15	SK-□15	SP-□15
3/4	SD-□20	SB-□20	SC-□20	SK-□20	SP-□20
1	SD-□25	SB-□25	SC-□25	SK-□25	SP-□25

• Plastic silencers



Port size	SU	PSU	PSE
1/8	SU-□06	PSU-□06	PSE-□06
1/4	SU-□08	PSU-□08	PSE-□08
3/8	SU-□10	PSU-□10	PSE-□10
1/2	SU-□15	PSU-□15	PSE-□15
3/4	SU-□20	PSU-□20	PSE-□20
1	SU-□25	PSU-□25	PSE-□25

QUICK COUPLERS

N/NSM Series

Technical Data

Medium: Compressed and filtered air, inert gases

Working pressure: 0...25 bar

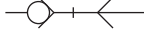
Ambient temperature: -20...+80°C

Material

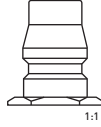
Body: High strength iron alloy

Seal: NBR

- Japanese DN7.5 standard
- RECTUS/LEGRIS 13, SMC KK130, CEJN 315, NITTO KOHKI 200 replacement
- Self-locking type available, ask sales department for details



JAPANESE



• N Series(Asian Style)

Plug(P)

Barb fitting type (for rubber hose)



Model	Hose bore(mm)
NPH-20	8...9
NPH-30	10...11
NPH-40	12...13

Male thread type



Model	Port size
NPM-20	PT1/4
NPM-30	PT3/8
NPM-40	PT1/2

Female thread type



Model	Port size
NPF-20	PT1/4
NPF-30	PT3/8
NPF-40	PT1/2

Nut fitting type(for PU tube)



Model	Tube size OD*ID(mm)
NPP-20	8x5/8x5.5
NPP-30	10x6.5
NPP-40	12x8

Socket(S)

Barb fitting type(for rubber hose)



Model	Hose bore(mm)
NSH-20	8...9
NSH-30	10...11
NSH-40	12...13

Male thread type



Model	Port size
NSM-20	PT1/4
NSM-30	PT3/8
NSM-40	PT1/2

Female thread type



Model	Port size
NSF-20	PT1/4
NSF-30	PT3/8
NSF-40	PT1/2

Nut fitting type(for PU tube)



Model	Tube size OD*ID(mm)
NSP-20	8x5/8x5.5
NSP-30	10x6.5
NSP-40	12x8

Self-locking socket(S)

Barb fitting type(for rubber hose)



Model	Hose bore(mm)
NSH-20	8...9
NSH-30	10...11
NSH-40	12...13

Male thread type



Model	Port size
NSM-20	PT1/4
NSM-30	PT3/8
NSM-40	PT1/2

Female thread type



Model	Port size
NSF-20	PT1/4
NSF-30	PT3/8
NSF-40	PT1/2

Nut fitting type(for PU tube)



Model	Tube size OD*ID(mm)
NSP-20	8x5/8x5.5
NSP-30	10x6.5
NSP-40	12x8

• NSM Series Socket Manifolds (JAPANESE DN7.5)

Port size
PT1/4



NSM2



NSM3



NSM4



NSM5



NSMV



NSMY

QUICK COUPLERS

E/M Series

Technical Data

Medium: Compressed and filtered air, inert gases
Ambient temperature: -20...+80°C
Working pressure: 0...25 bar

Material

Body: Steel or Nickel plated brass
Seal: NBR

- UNI ISO 6150 B-12 (INDUSTRIAL 1/4)
- HANSEN3000, CEJN 310, US - MIL SPEC C-4109
- Self-locking type socket

• E Series

Plug(P)

Barb fitting type(for rubber hose)



Model	Hose bore(mm)
EPH-20	8...9
EPH-30	10...11
EPH-40	12...13

Male thread type



Model	Port size
EPM-20	PT1/4
EPM-30	PT3/8
EPM-40	PT1/2

Female thread type



Model	Port size
EPF-20	PT1/4
EPF-30	PT3/8
EPF-40	PT1/2

Nut fitting type(for PU tube)



Model	Tube size OD*ID(mm)
EPP-20	8x5/8x5.5
EPP-30	10x6.5
EPP-40	12x8

Socket(S)

Barb fitting type(for rubber hose)



Model	Hose bore(mm)
ESH-20	8...9
ESH-30	10...11
ESH-40	12...13

Male thread type



Model	Port size
ESM-20	PT1/4
ESM-30	PT3/8
ESM-40	PT1/2

Female thread type



Model	Port size
ESF-20	PT1/4
ESF-30	PT3/8
ESF-40	PT1/2

Nut fitting type(for PU tube)



Model	Tube size OD*ID(mm)
ESP-20	8x5/8x5.5
ESP-30	10x6.5
ESP-40	12x8

• M Series

Plug(P)

Barb fitting type(for rubber hose)



Model	Hose bore(mm)
MPH-20	8...9
MPH-30	10...11
MPH-40	12...13

Male thread type



Model	Port size
MPM-20	PT1/4
MPM-30	PT3/8
MPM-40	PT1/2

Female thread type



Model	Port size
MPF-20	PT1/4
MPF-30	PT3/8
MPF-40	PT1/2

Socket(S)

Barb fitting type(for rubber hose)



Model	Hose bore(mm)
MSH-20	8...9
MSH-30	10...11
MSH-40	12...13

Male thread type



Model	Port size
MSM-20	PT1/4
MSM-30	PT3/8
MSM-40	PT1/2

Female thread type



Model	Port size
MSF-20	PT1/4
MSF-30	PT3/8
MSF-40	PT1/2

TUBING & HOSES

PU/PUS/PES φ4...16mm, φ1/8...1/2 inch

Technical Data

Medium: Compressed air, natural liquid, or other fluids please ask

Temperature resistance: Air: -20...80°C
Water: 0...50°C

Material: Polyurethane

- 100% fresh material
- Customized logo available(MOQ request)
- Lightweight and low cost
- Widely range of sizes and colors for choose
- PU tube is widely used in compressed air systems, automation, food process, robotics etc.



• Polyurethane tube (Normal)

Model	Packaging unit	O.D.	I.D.	Max. operating pressure (bar)*	Min. bend radius (mm)*	Burst pressure (bar)		
						①20°C	①60°C	①80°C
PU0425-200M-□	200 meters	4 mm	2.5 mm	10	10	35	17	14
PU0640-200M-□	200 meters	6 mm	4 mm	10	15	33	16	14
PU0850-100M-□	100 meters	8 mm	5 mm	10	18	36	18	16
PU0855-100M-□	100 meters	8 mm	5.5 mm	9	20	30	14	12
PU0860-100M-□	100 meters	8 mm	6 mm	-	-	-	-	-
PU1065-100M-□	100 meters	10 mm	6.5 mm	9	25	31	16	14
PU1080-100M-□	100 meters	10 mm	8 mm	-	-	-	-	-
PU1280-100M-□	100 meters	12 mm	8 mm	9	35	30	17	12
PU1410-100M-□	100 meters	14 mm	10 mm	8	45	28	15	12
PU1612-100M-□	100 meters	16 mm	12 mm	8	70	27	14	12
PU1613-100M-□	100 meters	16 mm	13 mm	-	-	-	-	-
PU1/8-200M-□	200 meters	1/8 inch	0.079 inch	10	10	37	18	15
PU3/16-200M-□	200 meters	3/16 inch	0.126 inch	10	10	35	17	14
PU1/4-200M-□	200 meters	1/4 inch	0.167 inch	10	15	33	16	14
PU3/8-100M-□	100 meters	3/8 inch	0.25 inch	9	20	31	15	13
PU1/2-100M-□	100 meters	1/2 inch	0.333 inch	9	35	28	15	12

• Polyurethane tube (A Class)

Model	Packaging unit	O.D.	I.D.	Max. operating pressure (bar)*	Min. bend radius (mm)*	Burst pressure (bar)		
						①20°C	①60°C	①80°C
PU0425A-200M-□	200 meters	4 mm	2.5 mm	12	10	39	21	18
PU0640A-200M-□	200 meters	6 mm	4 mm	12	15	37	20	18
PU0850A-100M-□	100 meters	8 mm	5 mm	12	18	40	22	20
PU0855A-100M-□	100 meters	8 mm	5.5 mm	12	20	34	18	16
PU1065A-100M-□	100 meters	10 mm	6.5 mm	12	25	35	20	18
PU1280A-100M-□	100 meters	12 mm	8 mm	12	35	34	21	16
PU1410A-100M-□	100 meters	14 mm	10 mm	10	45	32	19	16
PU1612A-100M-□	100 meters	16 mm	12 mm	10	70	31	18	16
PU1/8A-200M-□	200 meters	1/8 inch	0.079 inch	12	10	40	22	19
PU3/16A-200M-□	200 meters	3/16 inch	0.126 inch	12	10	39	21	18
PU1/4A-200M-□	200 meters	1/4 inch	0.167 inch	12	15	37	20	18
PU3/8A-100M-□	100 meters	3/8 inch	0.25 inch	12	20	35	20	18
PU1/2A-100M-□	100 meters	1/2 inch	0.333 inch	10	35	34	21	16

*: Test at temperature -10°C...+20°C

□: BU(blue), B(black), C(natural/transparent), O(orange), R(red), Y(yellow)

• PUS/PES spiral tube

Ordering Code



PUS	0640	6M	□	BU
Series NO.	O.D.&I.D.	Working length	Fitting type	Color
PUS: Polyurethane spiral tube	0425 4×2.5 mm 1080 10×8 mm	3M 3 m	Blank No fitting	BU Blue
PUS: Polyethylene spiral tube	0640 6×4 mm 1280 12×8 mm	5M 5 m	1 With push-in fittings	B Black
	0850 8×5 mm 1210 12×10 mm	7HM 7.5 m	2 With N series quick couplers	C Transparent
	0855 8×5.5 mm 1410 14×10 mm	9M 9 m	3 With E series quick couplers	O Orange
	0860 8×6 mm 1612 16×12 mm	12M 12 m	4 With other fitting	R Red
	1065 10×6.5 mm 1613 16×13 mm	15M 15 m		Y Yellow

Visit our website: www.xjpc-pneumatic.com to get more information, or contact us directly to obtain one-to-one online service.

TUBING & HOSES

PA ϕ 3...18mm, ϕ 1/8...3/4 inch

Technical Data

Medium: Compressed air, natural liquid, or other fluids please ask

Temperature resistance: -40...100°C
Water: 0...50°C

Material: Polyamide

- 100% fresh material
- Customized logo available (MOQ request)
- Widely range of sizes and colors for choose
- Nylon tube is suitable for using on air braking systems of commercial vehicles and conforms to DIN 74324



• Nylon tube

PA6 model	PA12 model	O.D.	I.D.	Packaging unit	Max. operating pressure (bar)*	Burst pressure (bar)	Min. bend radius (mm)*
PA6-0320-200M-□	-	3 mm	2 mm	200 meters	45	135	18
PA6-0420-200M-□	PA12-0420-200M-□	4 mm	2 mm	200 meters	45	135	20
PA6-0425-200M-□	PA12-0425-200M-□	4 mm	2.5 mm	200 meters	40	120	20
PA6-0530-200M-□	PA12-0530-200M-□	5 mm	3 mm	200 meters	45	130	30
PA6-0640-200M-□	PA12-0640-200M-□	6 mm	4 mm	200 meters	27	81	40
PA6-0860-100M-□	PA12-0860-100M-□	8 mm	6 mm	100 meters	19	57	50
PA6-0850-100M-□	-	8 mm	5 mm	100 meters	22	57	50
PA6-0960-100M-□	PA12-0960-100M-□	9 mm	6 mm	100 meters	19	57	55
PA6-1080-100M-□	PA12-1080-100M-□	10 mm	8 mm	100 meters	15	45	60
PA6-1075-100M-□	PA12-1075-100M-□	10 mm	7.5 mm	100 meters	15	45	60
PA6-1070-100M-□	PA12-1070-100M-□	10 mm	7 mm	100 meters	15	45	60
PA6-1180-100M-□	PA12-1180-100M-□	11 mm	8 mm	100 meters	19	57	65
PA6-1210-100M-□	PA12-1210-100M-□	12 mm	10 mm	100 meters	19	57	70
PA6-1290-100M-□	PA12-1290-100M-□	12 mm	9 mm	100 meters	19	57	70
PA6-1280-100M-□	-	12 mm	8 mm	100 meters	19	57	70
PA6-1411-100M-□	PA12-1411-100M-□	14 mm	11 mm	100 meters	19	57	100
PA6-1410-100M-□	PA12-1410-100M-□	14 mm	10 mm	100 meters	19	57	100
PA6-1512-100M-□	PA12-1512-100M-□	15 mm	12 mm	100 meters	19	57	100
PA6-1612-100M-□	PA12-1612-100M-□	16 mm	12 mm	100 meters	19	57	100
PA6-1815-100M-□	PA12-1815-100M-□	18 mm	15 mm	100 meters	19	57	100
-	PA12-1814-100M-□	18 mm	14 mm	100 meters	19	57	100
PA6-1/8-200M-□	PA12-1/8-200M-□	1/8 inch		200 meters	45	135	18
PA6-1/4-200M-□	PA12-1/4-200M-□	1/4 inch		200 meters	27	81	40
PA6-5/16-100M-□	PA12-5/16-100M-□	5/16 inch		100 meters	19	45	60
PA6-3/8-100M-□	PA12-3/8-100M-□	3/8 inch		100 meters	15	45	60
PA6-1/2-100M-□	PA12-1/2-100M-□	1/2 inch		100 meters	19	57	65
PA6-5/8-100M-□	PA12-5/8-100M-□	5/8 inch		100 meters	19	57	100
PA6-3/4-100M-□	PA12-3/4-100M-□	3/4 inch		100 meters	19	57	100

*: Test at temperature -10°C...+20°C □: BU(blue), B(black), O(orange), R(red), Y(yellow)

PE ϕ 4...16mm, ϕ 1/8...1/2 inch

Technical Data

Medium: Compressed air, water, Industrial fluids

Temperature resistance: Air: -40...60°C
Water: 0...50°C

Material: Polyethylene

- Lightweight and flexible
- Excellent chemical resistance
- Dimensional stability
- PE tube is used in beverage, chemical, petrochemical, food process, water treatment and etc.



• Polyethylene tube

Model	Packaging unit	O.D.	I.D.	Max. operating pressure (bar)*	Burst pressure (bar) @20°C
PE0425-200M-□	200 meters	4 mm	2.5 mm	8	30
PE0640-200M-□	200 meters	6 mm	4 mm	8	32
PE0850-100M-□	100 meters	8 mm	5 mm	8	38
PE0855-100M-□	100 meters	8 mm	5.5 mm	8	36
PE1065-100M-□	100 meters	10 mm	6.5 mm	8	33
PE1280-100M-□	100 meters	12 mm	8 mm	8	30
PE1410-100M-□	100 meters	14 mm	10 mm	8	28
PE1612-100M-□	100 meters	16 mm	12 mm	8	27
PE1/8-200M-□	200 meters	1/8 inch		8	32
PE3/16-200M-□	200 meters	3/16 inch		8	30
PE1/4-200M-□	200 meters	1/4 inch		8	32
PE3/8-100M-□	100 meters	3/8 inch		8	33
PE1/2-100M-□	100 meters	1/2 inch		8	30

*: Test at temperature -10°C...+20°C □: BU(blue), B(black), O(orange), R(red), Y(yellow)

Hosing cutter



TC-01

AIR BLOW GUNS

Use with compressed air
Multiple types and optional
Easy to operate, light and durable
Big flow rate, pressurized design

- Vehicle cleaning and maintenance
- Dust blowing for workshop and equipment
- Personnel Cooling



Model	DG-10-1F	DG-10-2F	DG-10-3F
Nozzle length	0	10 cm	30 cm
Connector	Male 1/4 PT		
Material	Aluminium		



Model	DG-10-1K	DG-10-2K	DG-10-3K
Nozzle length	0	10 cm	30 cm
Connector	Quick coupler (NPM-20)		
Material	Aluminium		



Model	DG-10B-1F	DG-10B-2F	DG-10B-3F
Nozzle length	0	10 cm	30 cm
Connector	Male 1/4 PT		
Material	Steel		



Model	BG-1	BG-2	BG-3
Nozzle length	0	10 cm	30 cm
Connector	Female 1/4 NPT		
Material	Zinc & brass		



Model	PAG-1	PAG-2	PAG-3	PAG-4
Connector	Male 1/4 PT			
Material	Plastic			
Color	Blue or red			

PNEUMATIC SCISSOR

Applied for

- Mask machine
- Landscape garden
- Textile process
- Automation industries



Model	Air inlet	Air consumption	Working pressure
AM-10	6 mm	64 ml per cycle	4...5 bar

VACUUM EJECTOR

Technical Data

Vacuum rate: -7 bar

Working pressure: 0...10 bar

Shortest excitation time: 0.05 sec

Leakage: $\leq 10\text{ ml / min}$



Model	Port size	Flow
ZY-10L	G1/8"	10 L
ZY-15L	G1/4"	15 L
ZY-20L	G3/8"	20 L

Material

Aluminium alloy

PNEUMATIC VIBRATOR

GT/K Series

Technical Data

Medium: Compressed and filtered air
Working pressure: 2...6 bar
Medium temperature: -5...+60°C
Torque range: 130...1150 N

- Aluminum alloy body, durable for use
- Optional connector and muffler available, easy for mounting



Turbine Wheel Type GT series

- Vibration strength is adjusted according to the compressed pressure
- Can be quickly stopped
- Low noise

Model	Mounting holes distance (mm)	Inlet&outlet port	Frequency(Vibrations per min)			Vibration power(N)			Air consumption (L/min)		
			2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
GT-4	56	G1/8"	11,500	12,500	13,500	130	165	210	30	40	50
GT-6	56	G1/8"	11,500	12,500	13,500	130	165	210	30	40	50
GT-8	68	G1/8"	34,850	42,000	45,500	165	210	280	46	80	112
GT-10	68	G1/8"	27,500	35,000	37,500	165	210	280	46	80	112
GT-13	90	G1/4"	26,000	30,000	33,000	1,220	2,090	3,160	120	200	290
GT-16	90	G1/4"	17,000	21,500	24,000	1,220	2,090	3,160	120	200	290
GT-20	104	G1/4"	17,000	20,000	23,000	2,170	4,050	5,520	185	35	455
GT-25	104	G1/4"	12,000	15,500	17,000	2,170	4,050	5,520	185	325	455
GT-32	130	G3/8"	13,000	14,000	16,000	3,300	5,000	7,150	330	530	745
GT-36	130	G3/8"	7,800	10,000	13,000	3,300	5,000	7,150	330	530	745
GT-40	152	G3/8"	7,500	8,800	9,500	4,350	7,350	9,850	408	428	680
GT-48	152	G3/8"	5,800	7,500	9,700	4,350	7,350	9,850	408	428	680
GT-60	195	G1/2"	4,758	6,530	8,515	5,700	9,800	11,150	505	300	920



Rollerball Type K series

- Economic selection, reliable quality
- Compact size
- High power output

Model	Mounting holes distance (mm)	Inlet&outlet port	Frequency (x1000 Vibrations per min)			Vibration power (N)			Air consumption (L/min)		
			2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
K-8	86	G1/4"	25,500	31,000	35,000	130	260	360	83	145	195
K-10	86	G1/4"	22,500	28,000	34,500	250	470	710	92	150	200
K-13	113	G1/4"	15,000	18,500	22,500	320	550	870	94	158	225
K-16	113	G1/4"	13,000	17,000	19,500	450	800	1,100	122	200	280
K-20	128	G1/4"	10,500	14,500	16,500	720	1,220	1,720	130	230	340
K-25	128	G1/4"	9,200	12,200	14,000	930	1,570	2,050	160	290	425
K-30	160	G3/8"	7,800	9,700	12,500	1,510	2,470	3,210	215	375	570
K-36	160	G3/8"	7,300	9,000	10,000	2,060	3,150	4,050	260	475	675

PRODUCT LINKS

