



E·MC[®]





E·MC

光 华 气 动

NINGBO GUANGHUA PNEUMATICS

Come to China Come to E · MC

-----Work together with the most prosperous team
in China Pneumatic and Hydraulic industry!

E · MC is specialized in manufacturing pneumatic and hydraulic components, pneumatic and hydraulic complete kits series, aluminium parts and bending plates, plastic parts, mould and etc. Our company integrates designing, manufacturing and sales service together, and in the passing over 20 years, E · MC has developed to a modern enterprise, enjoying more than 30000 square meters workshop and a wide market network of more than 90 countries, with Ningbo Eternal as center, Guanghua Pneumatic, E · MC Shandong and Australia factory as our strong base.

Quality is considered as a critical factor from the very beginning of phototype designing, every part of the product is checked and tested again and again, to make sure wide acceptance of E · MC quality, price, function, life cycle, and service from worldwide customers.

Since it's foundation, E.MC always follows the marketing idea of "E · MC Quality, Quality E · MC", makes sure every detail guarantee excellent quality parts, provides more value-added service for world wide clients, support distributors extending more market share and gets more trust from end-users customers. All these are supported by:

Over 20 years history
3 manufacturing bases
7 pcs die-casting machine
6 pcs injection machine
12 pcs CNC machine
50 pcs NC machine
1 advanced laboratory, 30 pcs testing machine
30 pcs testing machine, one laboratory
2 pcs fully automatic winding streamline
12 assembling lines
2 pcs ultrasonic washing machine
30+ patent rights
600 staffs
20 technical engineers, 42 professional sales engineers

We work hard and try our best to provide always high quality/price rate, constant quality and stable prices, with fast response to all end users and distributors, to make sure our customers always go further in very competitive market. Now E · MC gradually becomes symbol of excellent pneumatic products in China.

we're progressing every day with the global market, pneumatic industry and world automation process.

Reviewing history, looking forward to the future, E · MC people won't stop her way to improve every details and contribute to the world automatic industry.

2008 8 18





* High-tech enterprises certificate



* Import and export certificates



* Credit of rating A certificate

* Patent Certificate (more than 20 items)



* Award winning pace of development



* Top 10 Comprehensive strength enterprise



* Audited Supplier Certificate



* Patent demonstration enterprise



* Director of HPSP



* Chinese partner of US-China 1000 SME



* SME Credit Rating Certificate



* Quality Credit certificate



* Member of famous brand products Association



* CE certificate



* CE certificate

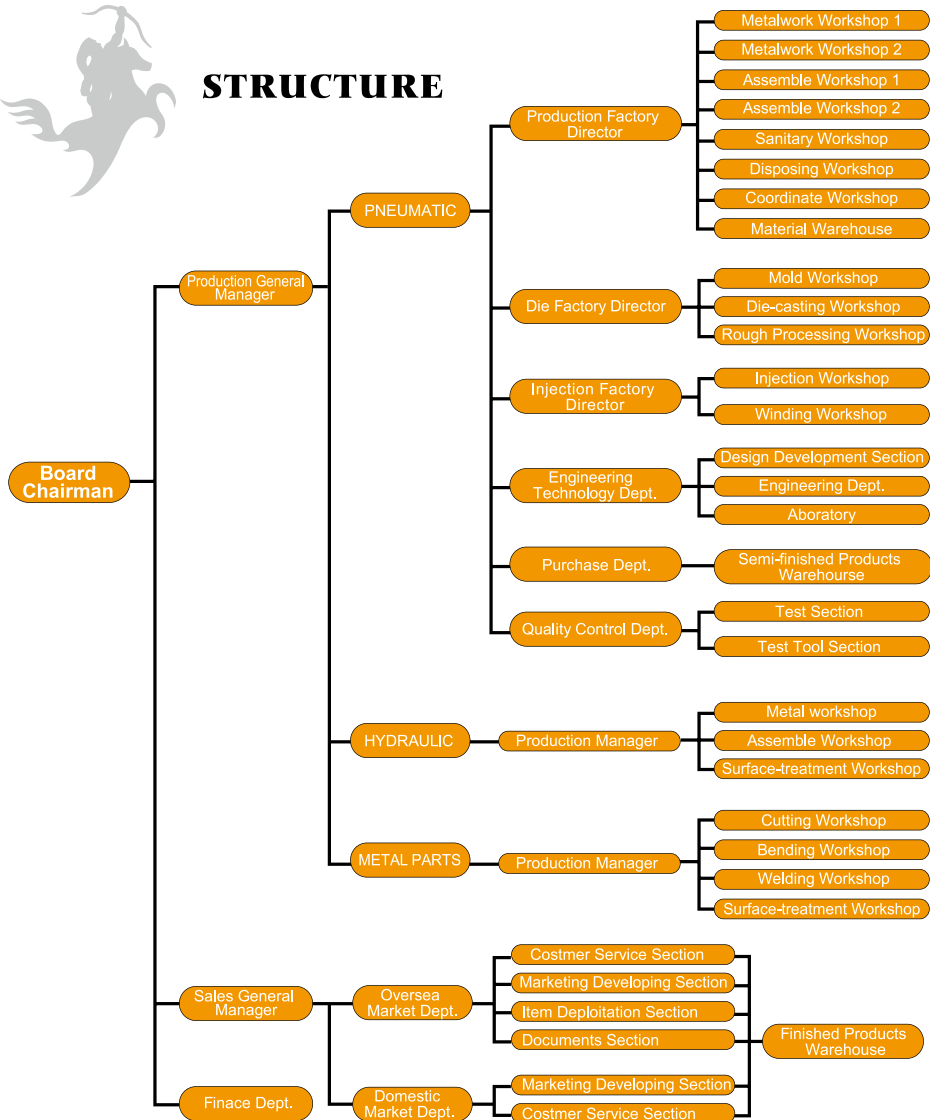


* ISO9001:2000 Quality system certificate





STRUCTURE



E.MC Ideas:

Thankful, Enthusiastic, Steady, Professional
Brand, Responsibility, Preciseness, High Efficiency

E.MC Values:

- 1.Devoting to providing customers with high-performance/price-rate products.
- 2.Trying to make E.MC people gain and enjoy affluent and happy life.
- 3.Feeding back to the social community, unifying E.MC enterperise economic benefit and the social community effect eventually.

Research & Development

Since E · MC president Mr. Sun Guangfeng was once the supervisor engineer in a big state-owned company, E · MC pays special attentions to R&D department. Every year E · MC spends at least 3% of the profits in developing new series products and studying the new trend of the automation industry.

To provide strongest technical support, E · MC imports advanced technologies every year from other countries, and keep very good relationship with some famous university in Zhejiang, Peking and Shanghai.

E · MC R&D department now has over 20 engineers doing different designing, some for pneumatic cylinders, some for solenoid valves, some for air treatment units, some for pneumatic fittings, some for special products, etc. Every of the drawing should be checked by supervisor engineer and the production manager, and some customized drawing should be confirmed by customers.

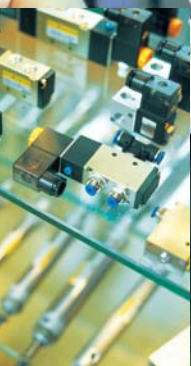
We have a laboratory especially for the R&D department, with this we can do different type of testing, to make sure the first samples be ok before going to the streamline and market.

E · MC has successfully got plenty of patent rights for specially designed solenoid valves, of which some are 1st products in China pneumatic industry. Just let us know what you want, and E.MC will develop the exact product within 50 days.





2007年度中小学质量督导等级
AAA级
广东省教育厅颁发





High Precision Machining and Production

E · MC is a group with 3 manufacturing bases and 1 office, 1 manufacturing base for pneumatic products in Ningbo, 1 manufacturing base for hydraulics in Shandong, and 1 manufacturing base for special cylinders in Australia. The former 2 bases supply to E.MC world wide network, and the latter 1 base supply only to Australia.

E · MC always takes excellent quality as most important factor in production, we controll quality through every step in production with all kinds of software and hardware.

E · MC imported from Japan the fully automatic CNC machine, which can complete high precision machining for armatures, spools and plenty of other high precision products in a very efficient way, to make sure the core parts to be well controlled.

The 6pcs big CNC machines are well working under controll of the computers, changing knives very fast to finish precise and complex maching for valve body, cylinder end covers and other big parts, keeping aluminium crumbs from fault machining away, guarantee excellent function and appreance of the products.

Several automatic winding machines continually working out every well calculated coil, then they' re sent to the injection machine workshop to do the last step-encapsulation. Every good quality coil provides more support for excellent products.

With these equipments our well trained technical employees strictly follow the instruction papers, providing over 500 different types more than 8,000,000 sets excellent pneumatic and hydraulic components.



Quality Control

With so many years manufacturing experience, E · MC always focus on providing excellent quality products, we control and improve every detail to make sure every E · MC product worth its cost. E · MC is now famous among so many countries mainly because of this extremely strict quality control system.

E · MC passed ISO9000:2000 quality control system since 2000, all of our factories and office are taken into 5S control system.

Quality Policy: Science and technology oriented, quality for business prosperity, customer satisfaction and constaint improvement.

Operation philosophy: Brand with good faith and win a market with high quality.

Whole Staff's Participation in 5S: Settle, Shakeup, Spotless, Sweep and Self-cultivation.

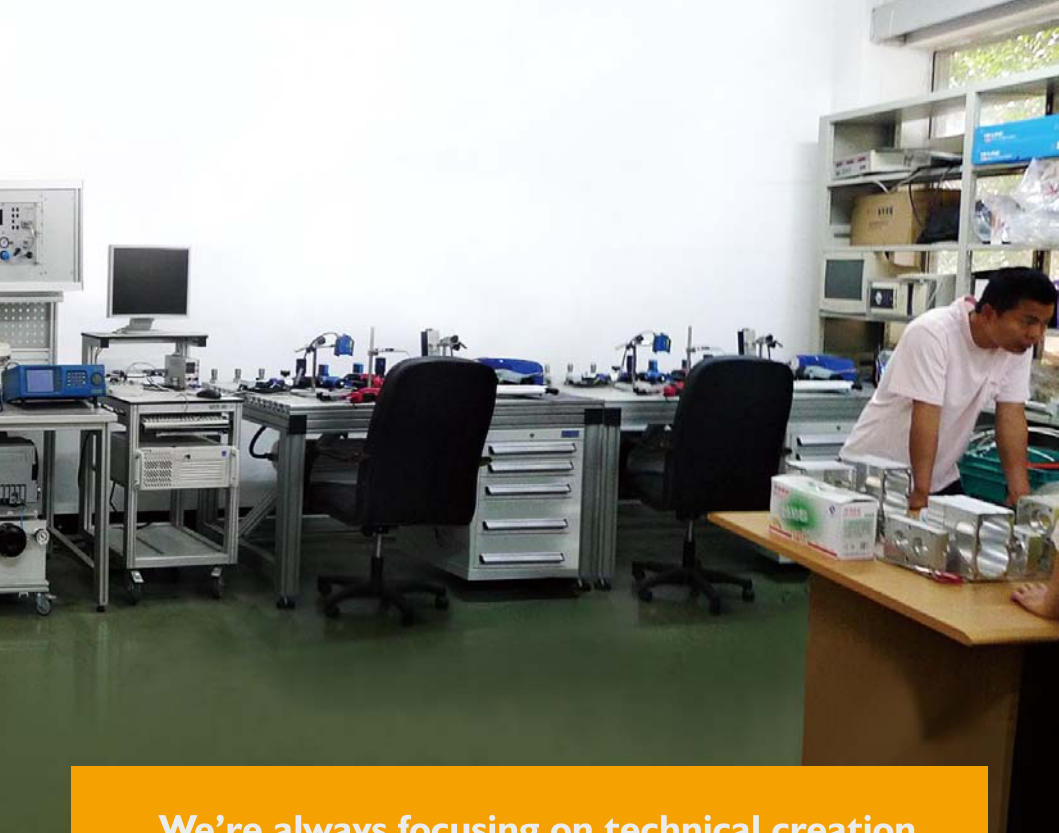
Environment Protection Policy: Effectively control pollution, bulid a heart soothing working atmosphere with neat working environment and with a happy mood.

Corporate Convention: Encourage thrift, stop waste, observe discipliness and law and safe operation.





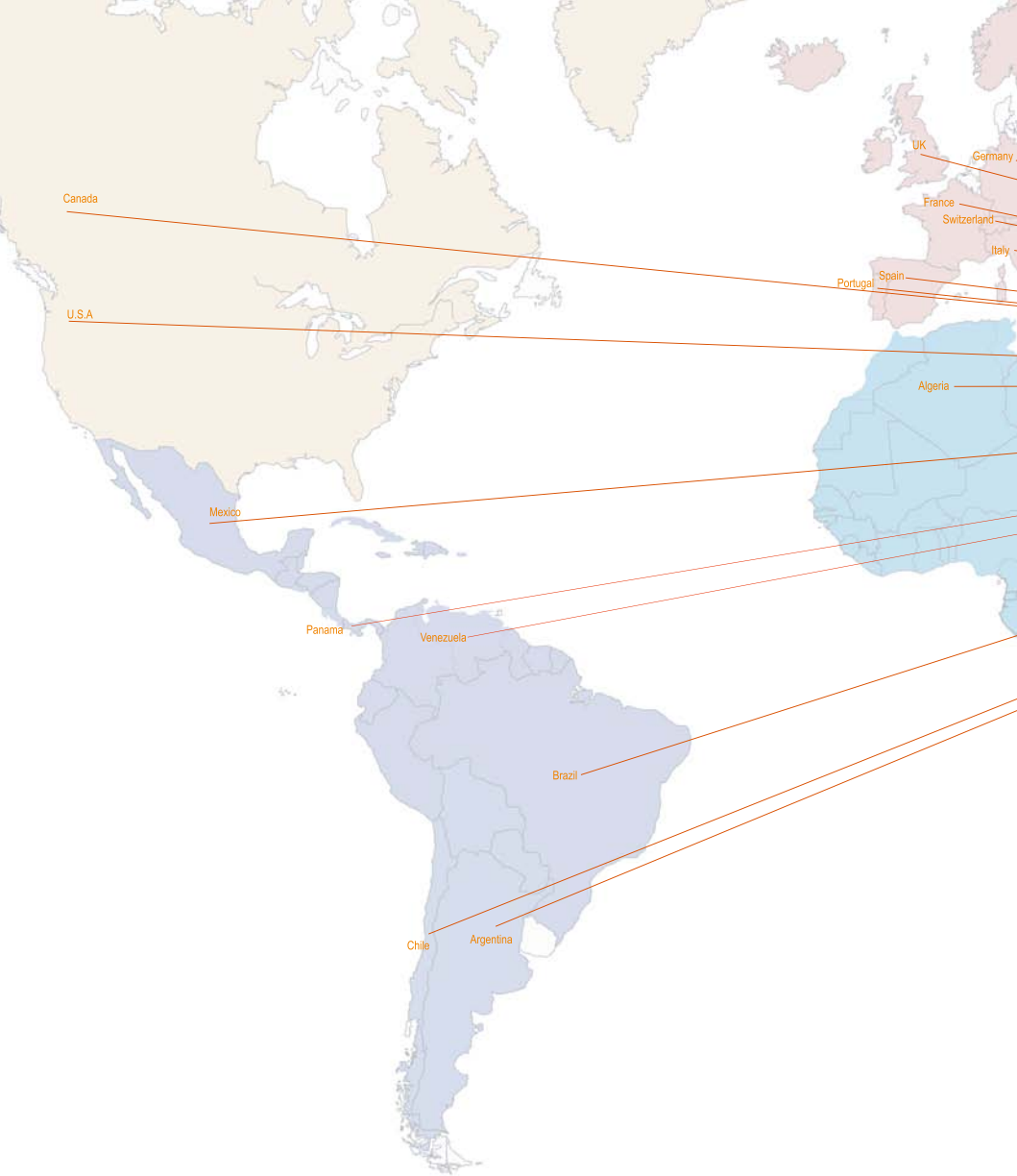




We're always focusing on technical creation, the E.MC advanced LAB provides such a foundation.....

100% E.MC team, 100% quality guarantee, 100% product, while most industry people focus on workable products, E.MC trying more on more humanized design, we're always focusing on detail improving to make it more and more suitable for different working conditions and convenient for end users, from prototype design, product implementing, to mass production, life cycle, market feedback, all etc, a well-equipped laboratory provides such a background.

E.MC laboratory is obviously such an excellent assistant for the E.MC technical engineer to find a most efficient way to know exactly the latest product material, constructure, technical, function and principle, and in this way we can have more optionals to get a best product for your machine.





Sales and Services

E · MC currently has a wide sales network over 90 countries around the world and this number is growing everyday, we do many OEM production for some world famous brand and also we have distribution network in over 37 countries. We' re now trying to extend E · MC sales network in the most efficient way, anybody who has very sufficient experience in pneumatics and hydraulics with good sponsor of capital and are very interested in dealing with high quality/cost-rate products are welcome to join in E · MC family.

We provide best quality, very comeptitive prices and fastestet response to make sure our agent win the possibly biggest market share. For important agent, E · MC will despatch training teacher to do training for our agent's

sales staff and help them to show the products in exibition. Also for sole agent, you'll get a lot of business card of your country when E · MC China receive inquiry from over 10 exhibitions around the world and internet.

E · MC overseas sales department has 4 divisions, Marketing Dept., Customer-service Dept., Big-project Dept., New-product Dept. totally 42 well-trained people supporting you with sufficient technical information in good English.

Following are emails you'll get efficient information within 24 hours:

For anything about pneumatics: pneumatic@emc-machinery.com

For anything about hydraulics: hydraulic@emc-machinery.com



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Pneumatic Cylinder

3 Points positioning and precisely machined head caps and pistons done by imported 3-D CNC machine, fundamentally solved traditional pneumatic cylinder working problems of climbing and quivering, which makes E.MC pneumatic cylinder enjoys very dependable and stable excellent quality. As one of the most professional manufacturer in China, E.MC has widest pneumatic cylinder category and quality is among the best. With over 20 years experining in designing all kinds of pneumatic cylinders, we developed and provided a lot of customized cylinders to many famous companies in the world, which makes E.MC quality satisfied accepted widly. E.MC R&D team always devote to study and creation for pneumatic cylinder, we'll develop more and more cylinders and push the pneumatic cylinder industry forward together with you.

EXSM Series Cylinder Bore Size: 6-32mm



ISG Series Cylinder Bore Size: 20-100mm



SWB Series Cylinder Bore Size: 3-63mm



BQ Series Cylinder Bore Size: 32-600mm Tie-rod standard





RA Series Cylinder Bore Size: 16–63mm



LAS Series Cylinder Bore Size: 12–40mm



VBC Series Cylinder Bore Size: 32–200mm ISO6431 & VDIMA24562



EMQ Series Cylinder Bore Size: 10–200mm



SQ Series Cylinder Bore Size: 12–100mm



SHL2 Series Cylinder Bore Size: 10–40mm Popular

The image displays two Festo air cylinders. The top cylinder is labeled 'FVBC 63x100' and the bottom one is labeled 'FXBC 32x100'. Both are silver-colored with black end caps and a yellow label on the side.

FV -- B C -- 50x50 -- S -- -- B: Standard cylinder D: Double-shaft type A: Double-shaft, adjustable stroke type S: Swivelling type	50x50 Bore x Stroke 32-100mm 0-2000mm	S Blank: No magnet S: With Magnet	 Mounting type: Blank: basic type FLB: Foot Mounting FFA/FB: Front Rear Plate Mounting FCA: Single Trunnion Mounting FCB: Double Trunnion Mounting FCR: Double Trunnion with Hinge Mounting	 Rod end fitting type Blank: Basic type FY: Y fitting FI: I fitting FF: Floating fitting FB: Bearing fitting
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according to ISO6431,
 DMA24562, DIN24335 standard
 V: Square type barrel
 X: Mickey mouse barrel

* FX series Mickey mouse type, Standard Type, 63mm bore, 150mm stroke, Model: FXBC 63x150

Bore Size(mm)	32	40	50	63	80	100	Bore Size(mm)	32	40	50	63	80	100
Acting type	Double Acting						Guaranteed pressure (Bar)	13.5					
Working medium	Clean Air (25 μ m filtration)						Working temperature (°C)	-5 ~ 70					
Mounting type	FVA	FFB	FCA	FCB	FLB		Speed range (mm/s)	50-800					
	FTC	FTC-M	FCR	FLB			Cushion type	Adjustable Cushion					
Rod end fitting type	FY	FI	FF	FB			Cushion stroke (mm)	24		32			
Range of working pressure (Bar)	1-9.0						Port Size	G 1/8	G 1/4	G 3/8		G 1/2	

V -- B C -- **50x50** -- S -- --

B: Standard cylinder
D: Double-shaft type
A: Double-shaft, adjustable stroke type
S: Swivelling type

Bore x Stroke
32-200mm
0-3000mm

Blank: No magnet
S: With Magnet

Mounting type:
Blank: Basic type
VLB: Foot Mounting
VFA/FB: Front Rear Plate Mounting
VCA: Single Trunnion Mounting
VCB: Double Trunnion Mounting
VCR: Double Trunnion with Hinge Mounting

Rod end fitting type:
Blank: Basic type
VY: Y fitting
VI: I fitting
VF: Floating fitting
VB: Bearing fitting

According to ISO6431 Standard

V: Micky Mouse type
L: Tie-Rod type

* V series Mickey mouse type, Double-shaft with adjustable stroke 20mm, 50mm bore, 100mm stroke, Model: VAC 50X100-20

[illegible]

TBC/XBC Series Standard Cylinder



TBC 63x100



XBC 50x50



TDC 63x125



TAC 63x125-50



TBC 63x125-TC

How to Order?

T -- B C -- 50x50 -- S -- --

B: Standard Cylinder
D: Double-shaft
A: Double-shaft and adjustable stroke type
S: Swivelling Type

Bore x Stroke
32-200mm
0-2000mm

Blank: Without Magnet
S: Magnet

Mounting type:
Blank: Basic type
TLB: Foot Mounting
TFA/FB: Front Rear Plate Mounting
TCA: Single Trunnion Mounting
TCB: Double Trunnion Mounting
TTC: Centre Trunnion Mounting
TTC-M: Centre Trunnion with Mounting
TCR: Double Trunnion with Hinge Mounting

Rod end fitting type:
Blank: Basic type
TY: Y fitting
Ti: I fitting
TF: Floating fitting
TB: Bearing fitting

Order example:

* T series cylinder, Standard type, 32mm bore, 50mm stroke, with magnet, Model: TBC 32X50-S

* X series cylinder, double shaft with adjustable stroke 20mm, 40mm bore, 200mm stroke, Model: XAC 40X200-20

Specifications

Bore Size(mm)	32	40	50	63	80	100	125	160	200	Bore Size(mm)	32	40	50	63	80	100	125	160	200	
Acting type	Double Acting										Working temperature (℃)									
Working medium	Clean Air (25 μ filtration)										Speed range (mm/s)									
Mounting type	TFA TFB TCA TCB TLB TTC TTC-M TCR										Cushion type									
Rod end fitting type	VY VI VF VB										Adjustable Cushion									
Range of working pressure (Bar)	1-9.0										Cushion stroke (mm)									
Guaranteed pressure (Bar)	13.5										Port Size									
											G1/8 G1/4 G3/8 G1/2 G 3/4									

PHC Hydro Pneumatic Cylinder

How to Order?

PHC -- D -- 80x150 -- 5 -- F

S: Single cylinder
D: Dual cylinder

Bore Total stroke
63-200mm
50-500mm

Power stroke:
5mm, 10mm,
15mm, 20mm

Blank: Basic type
F: Flange type

PHC Hydro pneumatic cylinder

Order example:

PHC type hydro pneumatic cylinder, basic type, single cylinder, 80mm bore, 180mm stroke, 5mm power stroke: Model No.:PHC-S-80x180-5

PHC type hydro pneumatic cylinder, flange type, dual cylinder, 160mm bore, 250mm stroke, 10mm power stroke: Model No.:PHC-D-160x250-10F



NEW
Hydro
Pneumatic
Cylinder



Specifications

Bore Size(mm)	63	80	100	125	160	200	Bore Size(mm)	63	80	100	125	160	200
Working medium	Clean air with oil (Below 0.3 μ m filtration and with 1mg/m ³ oil)						Working speed (mm/s)	50-200					
Guaranteed pressure (Bar)	12						Output power force (kg)	1900-30000					
Working pressure (Bar)	2-8						Return force (kg)	Be decided according to bore size, the rod diameter and working pressure					
Ambient and working temperature(°C)	0-70						Intermediate medium	oil (32#-15#)					


IAS Series Mini Cylinder
How to Order?

IAS 25x50-S

A S -- **Blank** -- **25x50** -- **S** -- **Blank**
A: Standard cylinder
D: Double-shaft type
J: Double-shaft, adjustable stroke type
SA: Single acting spring extend
SB: Single acting spring return
AC: Adjustable cushion
S: Stainless steel barrel
Blank: Swivelling tail
U: Flat tail
CM: Round tail
Bore x Stroke
12-25mm
0-1000mm
Blank: No magnet
S: With Magnet
Mounting type:
Blank: Basic type
ILB type: Foot Mounting
IFA: Flange Mounting
ISDB: Trunion bracket Mounting

Order example:

* I Series Cylinder Stainless Steel Barrel, 12mm bore, 50mm stroke, Model: IAS 12X50

* I Series Cylinder Stainless Steel Barrel, Adjustable cushion, 25mm bore, 70mm stroke, with magnet, Model: IACS 25X70-S

Specifications

Bore Size(mm)	12	16	20	25
Acting type	Double Acting / Single Acting			
Working medium	Clean Air (25 μ filtration)			
Mounting type	IFA ISDB ILB			
Working pressure (Bar)	1-9.0			
Max. working pressure (Bar)	13.5			
Working temperature (°C)	0-80 (dry air-20)			
Speed range (mm/s)	10-1000			
Cushion type	16mm-25mm are with adjustable cushion, 12mm no cushion			
Material	Stainless steel barrel			
Port Size	M5 x 0.8			

RAL/RAS Series Mini Cylinder
How to Order?

R -- **A** -- **L** -- **Blank** -- **40x50** -- **S** -- **Blank**
R: Round barrel cylinder mini type
L: Aluminium barrel
S: Stainless steel barrel
Blank: Swivelling tail
U: Flat tail
CM: Round tail
Bore x Stroke
16-40mm
0-1000mm
Blank: No magnet
S: Magnet
Mounting type:
Blank: Basic type
RLB type: Foot Mounting
RFA: Flange Mounting
RSDB: Trunion bracket Mounting
A: Standard double acting type
D: Double-shaft type
J: Double-shaft, adjustable stroke type
SA: Single acting spring extend
SB: Single acting spring return
AC: Adjustable cushion type

Order example:

* R series cylinder with aluminium barrel, Standard type, 16mm bore, 50mm stroke, Model: RAL 16X50

* R series cylinder with stainless steel barrel, adjustable cushion type, 20mm bore, 80mm stroke, with magnet, Model: RAC 20x80-S


Specifications

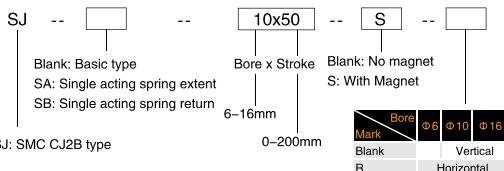
Bore Size(mm)	16	20	25	32	40	Bore Size(mm)	16	20	25	32	40
Acting Type	Double Acting					Working temperature (°C)	-5-70				
Working Medium	Clean Air (25 μ filtration)					Speed range (mm/s)	50-800				
Mounting type	RLB RFA RSDB					Cushion type	Standard Type Cushion Type				
Range of working pressure (Bar)	1-9.0						Anti-bump cushion Adjustable Cushion				
Guaranteed pressure (Bar)	13.5					Port Size	M5 x 0.8 G 1/8				



SJ Series Cylinder & SM Series Cylinder

SJ Series Stainless Steel Mini Type Cylinder

How to Order?



SJ: SMC CJ2B type

Order example:

* SJ type mini cylinder, basic type, 12mm bore, 60mm stroke, Model: SJ 12x60

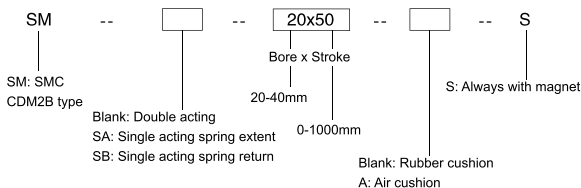
* SJ type mini cylinder, single acting spring extant type, 10mm bore, 25mm stroke, with magnet, Model: SJSA 10X25-S

Specifications

Bore Size(mm)	6	10	16
Guaranteed pressure (Bar)		10.5	
Max. working pressure (Bar)		7	
Min. working pressure (Bar)	1.2		0.6
Working temperature (°C)		-10 ~ 70	
Speed range (mm/s)		50-750	
Cushion type		Both Ends Cushion	
Tolerance of stroke		+1.0 0	

SM Series Stainless Steel Mini Type Cylinder

How to Order?



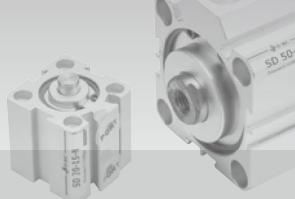
Order example:

* SM type mini cylinder, basic type, 16mm bore, 60mm stroke, with magnet, Model: SM 12x60-S

* SM type mini cylinder, single acting spring extant type, 10mm bore, 25mm stroke, with magnet, Model: SMSA 10X25-S

Specifications

Bore Size(mm)	20	25	32	40
Working medium		Clean Air (25 μ filtration)		
Acting type		Double acting		
Working pressure(Bar)		0.5-10		
Working temperature (°C)		-10 ~ 70		
Cushion type		Adjustable cushion (optional)		
Speed range (mm/s)	Min: 10			Max: 1000



7 EAB/SP Series Cylinder

EAB Series Slim Type with Squareness End Cover Cylinder

How to Order?



EAB 20x75

EA -- B -- -- **40X100** -- -- -- -- **S**

Square cover and rod cylinder

Blank: No ring
Y: With ring

Bore X Stroke
16-40mm
0-300mm

Mounting type
E: Side mounting
F: Face mounting

Rod Fitting type
Blank: No accessory
I: I fitting
Y: Y fitting
Bearing fitting should order separately

Blank: No magnet
S: With Magnet

Order example:

* EAB Series Slim Type with Squareness End Cover Cylinder, 25mm bore, 100mm Stroke, Side mounting, Model: EAB25x100-E

Specifications

Bore Size(mm)	16	20	25	32	40
Acting Type	Double Acting				
Working Medium	Clean air (25 μ filtration)				
Mounting type	Foot Type		Flange Type	Single U-ring Type	
Range of working pressure (Bar)	9				
Guaranteed pressure(Bar)	13				
Working temperature(°C)	0-70				
Speed range (mm/s)	30-700				
Cushion type	Fixed (Rubber Cushion)				
Oil supply	No Change				
Port Size	1/8				

SP Series Needle Cylinder

How to Order?

SP -- -- **10x15** -- -- --

B: Plate mounting type (two nut)
S: Inside-hiding type (one nut)
T: Trunnion Type

Bore x Stroke
6-15mm
0-30mm

Thread type of piston rod
Blank: Male thread
B: No thread

Only for SPD Type
Blank: No magnet
S: With Magnet



SP: SMC CJP needle cylinder
single acting spring return

SPD: SMC CJP needle cylinder
double acting

Order example:

* SP type needle cylinder, single acting spring return, plate mounting, male thread, 6mm bore, 10mm stroke, Model: SPB 6X10

* SP type needle cylinder, double acting, inside-hiding mounting, with magnet, no thread 10mm bore, 25mm stroke, Model: SPDS 10X25-BS

Specifications

Bore Size(mm)	6	10	15	Bore Size(mm)	6	10	15
Working medium	Clean Air (25 μ filtration)			Working temperature (°C)	5-60		
Acting type	Single acting spring return/Double acting			Cushion	None(SP), both ends cushion (SPD)		
Guaranteed pressure (Bar)	10.5			Stroke Tolerance	+1.0		
Max. working pressure (Bar)	7			Lubrication	Not required		
Min. working pressure (Bar)	2	1.5		Port Size	M5x0.8		
SP							
SPD	1.2	0.6					

SE -- S -- 20X30 -- B

Blank: No magnet
S: With Magnet

Bore X Stroke
12" 100mm

0" 150mm

SE: European standard
compact cylinder

Blank: Female thread
B: Male thread
N: No thread

* SE type european standard compact cylinder, no magnet, 20mm bore, 30mm stroke, with female thread. Model: SE20*30

Bore Size(mm)	12	16	20	25	32	40	50	63	80	100
Acting type	Double acting									
Working medium	Single acting: With spring return / With spring extend Clean air (25 μ filtration)									
Working pressure(Bar)	Double acting	1~9								
Max. working pressure (Bar)	Single acting	2~9								
Working temperature (°C)		15								
Speed range (mm/s)		~5~70								
Cushion type	Double acting	30~500				30~350			30~250	
Port size (mm)	Single acting	30~500				30~350			30~350	
Port size (mm)		Fixed cushion				G 1/8			G 1/4	

SD -- -- 20x50 -- S --

SD: Asian SDA type

Blank: Double acting type
SA: Single acting spring extend
SB: Single acting spring return

Bore x Stroke
12-100mm
0-150mm

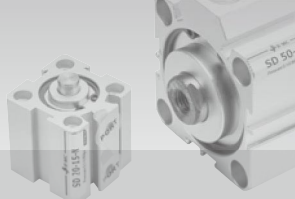
Blank: No magnet
S: With Magnet

Blank: Female thread on piston rod end
M: Male thread on piston rod end
N: No thread on piston rod end

Order example:

- * SD type compact cylinder, basic type, 40mm bore, 75mm stroke, female thread on piston rod end, Modle: SD 40x75
- * SD type compact cylinder, single acting spring extent type, 12mm bore, 30mm stroke, with magnet, male thread on piston rod end, Modle: SDSA 12x30-SM

Bore Size(mm)	12	16	20	25	32	40	50	63	80	100				
Acting type	Double Acting													
Working medium	Single acting: With spring return / With spring extent Clean air (25 μ filtration)													
Working pressure(Bar)	Double acting	1-9												
Max. working pressure (Bar)	Single acting	2-9								—				
Working temperature (°C)		-5~70												
Speed range (mm/s)	Double acting	30-500					30-350		30-250					
	Single acting	100-500												
Cushion type		Fixed cushion												
Port Size (mm)		M5x0.8			G 1/8		G 1/4		G 3/8					


SQ Series Compact Cylinder

How to Order?

SQ	--		--		--	20x50	--	S	--	
						Bore x Stroke 12-125mm 0-100mm		Blank: No magnet S: With Magnet		
SQ: SMC CQ2B type						Blank: Basic type D: Double Acting SA: Single acting spring extent SB: Single acting spring return				Blank: Female thread on piston rod M: Male thread on piston rod

Order example:

* SQ type compact cylinder, basic type, fixing type: through hole, 50mm bore, 85mm stroke, Model: SQ 50x85

* SQ type compact cylinder, single acting spring return, fixing type: female at both ends, male thread on piston rod, 63mm bore, 100mm stroke, with magnet, Model: SQASB 63x100-SM

Specifications

Bore Size(mm)	12	16	20	25	32	40	50	63	80	100	125
Working medium	Clean air (25 μ filtration)										
Acting type	Double acting / Single acting spring return / Single acting spring extent										
Max. working pressure (Bar)	15										
Working pressure(Bar)	1-10										
Working temperature (°C)	5-60										
Piston rod thread type	Female thread (Standard) , Male thread (Optional)										

Bore Size(mm)	12	16	20	25	32	40	50	63	80	100	125
Cushion	None										
Tolerance of Stroke	+1.0 0										
Lubrication	Not Required										
Installation (On barrel ends)	Through hole (Standard), female thread on both sides (Optional)										
Port Size (mm)	M5x0.8			G 1/8		G 1/4		G 3/8			

EU Series Free Installation Cylinder
How to Order?

EU	--		--		--	20x50	--	S
						Bore x Stroke 10-32mm 0-50mm		Blank: No magnet S: With Magnet
EU: SMC CU free installation type								

Order example:

* EU type free installation cylinder, basic type, 20mm bore, 50mm stroke, Model: EU 20X50

* EU type free installation cylinder, single acting spring return type, 25mm bore, 60mm stroke, with magnet, Model: EUSA 25x60-S


EU 16x15
Specifications

Bore(mm)	10	16	20	25	32
Acting type	Double acting / Single acting spring return / Single acting spring extent				
Guaranteed pressure (Bar)	10				
Working pressure (Bar)	7				
Working temperature (°C)	5-60				
Cushion type	Rubber cushion				
Port Size	M5x0.8			G 1/8	

EN Series Double-shaft cylinder

NEW
TECHNOLOGY



EN 16x15

How to Order?

EN -- 20x50 -- S

EN: SMC TN double-shaft cylinder

Bore x Stroke

10-32mm

0-200mm

Blank: No magnet
S: With Magnet

Order example:

- * EN type double-shaft cylinder, basic type, 20mm bore, 50mm stroke, Model: EN 20X50
- * EN type double-shaft cylinder, 25mm bore, 50mm stroke, with magnet, Model: EN 25x50-S

Specifications

Bore(mm)	10	16	20	25	32
Acting type	Double acting				
Working medium	Clean air (25 μ filtration)				
Working pressure (Bar)	1-9				
Guaranteed pressure (Bar)	13.5				
Working temperature (°C)	-5~70				
Speed range (mm/s)	100~500				
Adjusting stroke (mm)	-10~0				
Cushion type	Adjustable cushion				
Non-rotating accuracy	0.4°			0.3°	
Port Size	M5x0.8			G 1/8	

EXS Series Double-Shaft Cylinder

How to Order?

EXS -- M -- 20 x 50 -- S

EXS: SMC CXS Series

Bearing type
M: Slide Bearing type
L: Ball Bearing type

Bore x Stroke

10-32mm

0-100mm

S: Always with magnet

Hot
Double
Power



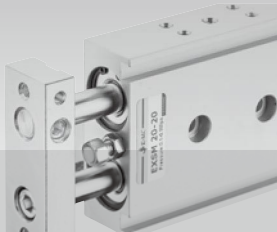
EXSM 10x40

Order example:

- * EXS Series, Slide Bearing type, 10mm Bore, 30mm stroke, Model: EXSM 10x30-S
- * EXS Series, Ball Bearing type, 15mm Bore, 35mm stroke, Model: EXSL15x35-S

Specifications

Bore(mm)	10	15	20	25	32	Bore(mm)	10	15	20	25	32	
Working Medium	Air					Lubrication	Not required					
Acting type	Double Acting					Adjustable Cushion	Return Stroke 0 ~5mm					
Guaranteed Pressure(Bar)	10.5					Bearing	Slide Bearing type & Ball Bearing type					
Max. Working Pressure(Bar)	7					No-rotating accuracy	Slide Bearing type	±0.15	±0.13	±0.11	±0.1	±0.08
Min. Working Pressure(Bar)	1			0.5		Ball bushing	±0.1	±0.07	±0.06	±0.05	±0.04	
Working Temperature(°C)	5~60					Port Size	M5x0.8					
Cushion	Both Ends Cushion											
Structure	Double Power											



11 SR/SG Series Cylinder

SR Series Slide cylinder



SRB 16x100

How to Order?

SR -- 20x50 -- S

SR: Sliding cylinder B: Body fixed type
L: Slide block fixed type 10–25mm 0–250mm S: Always with magnet

Order example:

* SR type sliding cylinder, body fixed type, 20mm bore, 50mm stroke,
Model: SRB 20X50-S
* SR type sliding cylinder, slide block fixed type, 16mm bore, 75mm stroke,
Model: SRL 16X75-S

Specifications

Bore(mm)	10	16	20	25
Acting type	Double piston Double acting			
Working medium	Clean air (25 μ filtration)			
Working temperature (°C)	-5 ~70			
Working pressure (Bar)	1~9			
Guaranteed pressure (Bar)	13.5			
Speed range (mm/s)	50~200			
Cushion type	No	Shock Absorber		
Oil supply	Not Required			
No rotating accurag	± 0.1°		± 0.5°	
Port Size	M5x0.8			G 1/8

SG Series Three-shaft cylinder

How to Order?

SG -- 20x50 -- S

SG: SMC MGP three-shaft cylinder with Magnet M: Slide bearing type
B: Ball bearing type 12–100mm 0–200mm S: Always with magnet

Order example:

* SG type three-shaft cylinder, slide bearing type, 20mm bore, 60mm stroke,
Model: SGM 20X60-S
* SG type three-shaft cylinder, ball bearing type, 32mm bore, 75mm stroke,
with magnet, Model: SGB 32X75-S



SGM16x30-S

Specifications

Bore(mm)	12	16	20	25	32	40	50	63	80	100	Bore(mm)	12	16	20	25	32	40	50	63	80	100	
Guaranteed pressure (Bar)	15.3											Tolerance of stroke										
Working pressure (Bar)	1.2~10.2											+1.5 0										
Working temperature (°C)	-10~60											Bearing										
Piston speed (mm/s)	50~500					50~400						Slide bearing / Ball bushing bearing										
Cushion	Rubber cushion											Non-rotating accuracy										
												Ball bushing bearing										
												±0.08° ±0.07° ±0.06° ±0.05° ±0.04°										
												±0.10° ±0.09° ±0.08° ±0.06° ±0.05°										
												Port Size										
												M5x0.8 G 1/8 G 1/4 G 3/8										

SW Series Rodless cylinder

SWB 15x125
How to Order?

SW -- 20x50 -- S

SW: SMC CY1 Series Rodless cylinder B: Basic type Bore x Stroke Blank: No magnet
S: Slide type 10-63mm S: With Magnet
L: Ball bushing bearing 0-1000mm
R: Magnetically Coupled Rodless Cylinder-Direct Mount
RG: Magnetically Coupled Rodless Cylinder Direct Mount-Single Joint type

Order example:

* SW type Rodless cylinder, basic type, 20mm bore, 50mm stroke, Model: SWB 20X50

* SW type Rodless cylinder, slide type, 15mm bore, 75mm stroke, Model: SWS 15X75

Specifications

Bore(mm)	10	15	25	32	40	50	63
Working Medium	Clean air (25 μ filtration)						
Acting Type	Double acting						
Guaranteed pressure (Bar)	10.5						
Working pressure (Bar)	1.8-7.1						
Working temperature (°C)	5-60						
Piston speed (mm/s)	50-400						
Cushion	with rubber cushion at two sides						
Tolerance of stroke	0 ⁻ 250: ^{+1.0} ₀ , 251 ⁻ 1000: ^{+1.4} ₀ , 1001: ^{-1.8} ₀						
Lubrication	Not required						
Port Size	M5x0.8			G 1/8			G 1/4

EMQ Series Rotary Table, Rack & Pinion Cylinder
How to Order?

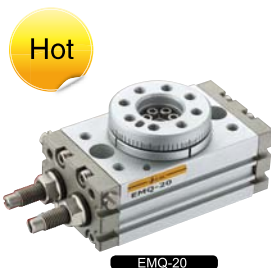
EMQ -- B -- 30 -- A -- S

EMQ: SMC MSQ type Basic type Bore A: with adjustable angle screw (Optional)
R: with shock absorber S: Always with magnet 10-200mm

Order example:

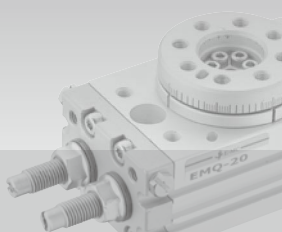
* EMQ Series Rotary Cylinder, Bore 10mm,with adjustable angle screw, Model: EMQB10A-S

* EMQ Series Rotary Cylinder, Bore 30mm,with shock absorber, Model: EMQB30R-S


EMQ-20
Specifications

Bore Size(mm)	10	20	30	50	70	100	200
Working Medium	Clean air (25 μ filtration)						
Acting Type	Double acting						
Max. Working Pressure	10						
Min. Working Pressure (Bar)	6						
Working Temperature (°C)	1						
Cushion	0 ⁻ 60						
Allowed Power	Rubber Cushion (Standard) /Shock Absorber (Optional)						
With adjustable angle screw	0.007J	0.025J	0.048J	0.081J	0.24J	0.32J	0.56J
With shock absorber	0.039J	0.116J	0.294J	1.1J	1.6J	2.9J	

Bore Size(mm)	10	20	30	50	70	100	200
Angle adjustable Range	0°-190°						
Max. Rotation Angle	190°						
Steady Swing Time Range	0.2 ⁻ 1.0s / 90°		0.2 ⁻ 1.5s / 90°		0.2 ⁻ 2.0s / 90°		0.2 ⁻ 2.5s / 90°
Piston Diameter	0.2 ⁻ 0.7s / 90°		0.2 ⁻ 1.0s / 90°				
Port Size	Φ15	Φ18	Φ21	Φ25	Φ28	Φ32	Φ40
	M5X0.8			G1/8			


ERQ Series Stopper Cylinder(Fixed Mounting height)

ERQA 60x75R
How to Order?

ERQ [B] -- [20 x 15] -- [D] -- [] -- [S]

ERQ: SMC RSQ type
Bore X Stroke
0-30mm
20-50mm
Mounting Type
B: Through Hole
A: Both ends tapped style
Acting Type
D: Double acting
B: Single acting with spring
T: Single acting spring extent
Rod end type
Blank: Round bar type
K: Flat bar type
R: Roller type
L: Level roller type with cushion
B: Level roller type with shock absorber
C: Level roller type with shock absorber and ravel cap
D: Level roller type with shock absorber and self-lock
E: Level roller type with shock absorber, ravel cap and self-lock
Blank: No magnet
S: With Magnet

Order example:

* ERQ Series Cylinder, Bore 20mm, stroke 15mm, through hole mounting, double acting spring, chamfered type, Model: ERQB 20x15BK

* ERQ Series Cylinder, Bore 40mm, stroke 30mm, with magnet, both ends female thread, single acting spring extent, level type(with adjustable shock absorber and ravel cap), Model: ERQA 40x30TCS

Specifications

Bore Size(mm)	20	32	40	50
Acting Type	Double acting, Double acting with spring, Single acting spring extend			
Rod Ends Type	Round bar type, Chamfered type, Roller type	Round bar type, Chamfered type, Roller type, Level type (with shock absorber)		
Working Medium	Clean air (25 μ filtration)			
Guaranteed Pressure(Bar)	15			
Max. Working Pressure(Bar)	10			

Bore Size(mm)	20	32	40	50
Working Temperature	-10°~70° (with magnet switch: max. 60°C)			
Cushion	Both ends rubber cushion			
Stroke Tolerance	+1.4mm			
Lubrication*	Not Required			
Mounting Type	Through hole, both ends female thread			
Port Size	Rc(PT) 1/8			

SHL2 Series Parallel style wide Opening Air Gripper
How to Order?

SHL -- 2 -- [16] -- D -- [] -- S

Finger quantity: 2pcs
Bore
10-40mm
Acting type
D: Double Acting
Finger Open /Close Stroke
Bore ϕ 10 ϕ 15 ϕ 20 ϕ 25 ϕ 32 ϕ 40
Blank 20 30 40 50 70 100
1 40 60 80 100 120 160
2 60 80 100 120 160 200
S: Always with magnet

Order example:

* SHL2 Series, bore 16mm, stroke 30mm, Model: SHL2-16DS

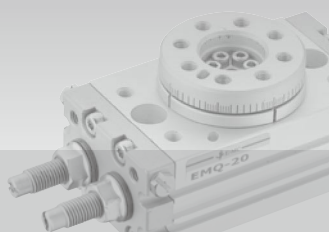
* SHL2 Series, bore 25mm, stroke 120mm, Model: SHL2-25D2S

New

SHL2-10DS
Specifications

Bore(mm)	10	16	20	25	32	40
Working Medium	Clean air (25 μ filtration)					
Acting Type	Double acting					
Guaranteed pressure (Bar)	6					
Min. working pressure(Bar)	1.5			1.0		
Working temperature (°C)	-10°~60°					
Repeatability (mm)	± 0.1					
Effective gripping force (N) at 5Bar *	14	45	74	131	228	396
Port Size	M5x0.8				G $\frac{1}{8}$	

* Gripping Point=Bore Size 10,16,20,25:40mm; Bore Size 32,40:80mm



SHT2/SHZ2 Series Cylinder

14

SHT2 Series Angle Style Air Gripper Toggle type



SHT2-32DS

How to Order?

SHT -- 2 -- 32 -- D -- S

SHT: SMC MHT Toggle type Air Gripper
Finger Quantity 2PCS
Bore 32~63mm
Acting Type D: Double Acting
S: Always with magnet

Order example:

* Toggle type Air Gripper: 30N · m, Model: SHT2-40DS

* Toggle type Air Gripper: 100N · m, Model: SHT2-63DS

Specifications

Model	SHT2-32D	SHT2-40D	SHT2-50D	SHT2-63D
Bore(mm)	32	40	50	63
Acting Type	Double Acting			
Working Medium	Clean air (25 μ filtration)			
Range of working pressure (Bar)	1~6			
Working temperature (°C)	5~60			
Lubrication	Not Required			
Finger Open/Close Angel	-3° ~ 28°	-3° ~ 27°	-2° ~ 23°	-2° ~ 23°
Weight (kg)	0.80	1.09	1.93	2.8
Effective gripping force (N)	12.4	36.0	63.0	106

SHZ2/SHC2 Style Air Gripper

How to Order?

SHZ -- 2 -- 32 -- D --

SHZ: SMC MHZ Parallel type gripper
SHC: SMC MHC Point type gripper

Finger Quantity 2PCS
Bore 6~40mm
Acting Type D: Double Acting
S: Single Acting(N.O.)
C: Single Acting(N.C.)
Dusty Seal Material Blank: CR
F: FKM
S: Si

Hot



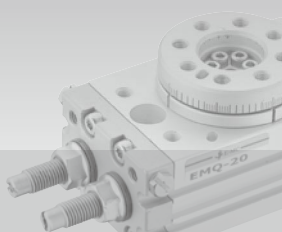
Order example:

* SHZ2 type parallel type gripper, double acting, 20mm bore, Model: SHZ2-20D

* SHC2 type point type gripper, single acting, 16mm bore, Model: SHC2-16S

Specifications

Cylinder Diameter (mm)	6	10	16	20	25	32	40	Cylinder Diameter (mm)	6	10	16	20	25	32	40
Working medium	Clean Air(25 μ filtration)							Minimum Working pressure (Bar)	0.2	0.15					
Acting type	Double Acting							Medium Temperature(°C)	0~ +60						
Max. pressure(Bar)	Single acting:Normal open/Normal close 7							Max.acting frequency	+~0.01 +-~0.02						
								Lubrication	Not Required						
Maximum Working pressure(Bar)	Double acting 1.5 2		1					Magnet	always have						
	Single acting 3 3.5		2.5					Thread Size	M3X0.5		M3X0.8				



Special Cylinder

E·MC enjoys very high reputation with strong R&D capability in China Pneumatic Industry Line.

We're glad to design all kinds of special cylinder according to customers' requirement.


RLD 63x125-Y

EFC 80x120

ECA 80x125

EG 25-80

EHA 32x250

RTB 80x100

**Double
Force**

Cylinder Mounting Accessories

Model:

VLB-32 TLB-32
VLB-40 TLB-40
VLB-50 TLB-50
VLB-63 TLB-63
VLB-80 TLB-80
VLB-100 LTB-100
VLB-125
VLB-160
VLB-200


Model:

VFA/VFB-32 TFA/TFB-32
VFA/VFB-40 TFA/TFB-40
VFA/VFB-50 TFA/TFB-50
VFA/VFB-63 TFA/TFB-63
VFA/VFB-80 TFA/TFB-80
VFA/VFB-100 TFA/TFB-100
VFA/VFB-125
VFA/VFB-160
VFA/VFB-200


Model:

VCA-32 TCA-32
VCA-40 TCA-40
VCA-50 TCA-50
VCA-63 TCA-63
VCA-80 TCA-80
VCA-100 TCA-100
VCA-125
VCA-160
VCA-200


Model:

VCB-32 TCB-32
VCB-40 TCB-40
VCB-50 TCB-50
VCB-63 TCB-63
VCB-80 TCB-80
VCB-100 TCB-100
VCB-125
VCB-160
VCB-200


Model:

TTC-32
TTC-40
TTC-50
TTC-63
TTC-80
TTC-100


Model:

TTC-M-32
TTC-M-40
TTC-M-50
TTC-M-63
TTC-M-80
TTC-M-100


Model:

VCR-32
VCR-40
VCR-50
VCR-63
VCR-80
VCR-100
VCR-125
VCR-160
VCR-200


Model:

ILB-16
ILB-20
ILB-25


Model:

ISDB-16
ISDB-20
ISDB-25


Model:

IFA-16
IFA-20
IFA-25

Rod end Fitting

Model:

YY-32
YY-40
YY-50
YY-63
YY-80
YY-100
YY-125
YY-160
YY-200


Model:

VYC-32
VYC-40
VYC-50
VYC-63
VYC-80
VYC-100


Model:

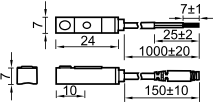
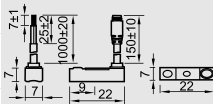
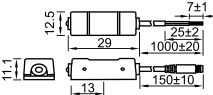
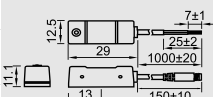
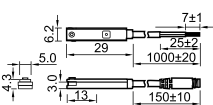
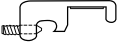
VI-32
VI-40
VI-50
VI-63
VI-80
VI-100
VI-125
VI-160
VI-200


Model:

TF-32
TF-40
TF-50
TF-63
TF-80
TF-100


Model:

TB-32
TB-40
TB-50
TB-63
TB-80
TB-100

Photo	Model	Type	Dimensions	Voltage	Cylinder Type
	HX-03R	Reed Switch		5-240V DC/AC	 For: IAS/IAL/RAS/RAL D6-D63 Cylinder
	HX-03N	NPN		5-30V DC	
	HX-03P	PNP			
	HX-15R	Reed Switch		5-240V DC/AC	 For: IAS/IAL/RAS/RAL D6-D63 Cylinder
	HX-15N	NPN		5-30V DC	
	HX-15P	PNP			
	HX-20R	Reed Switch		5-240V DC/AC	 For: FXBC/VBC/LBC/TBC/XBC Cylinder
	HX-20N	NPN		5-30V DC	
	HX-20P	PNP			
	HX-21R	Reed Switch		5-240V DC/AC	 For: FXBC/VBC/LBC/TBC/XBC Cylinder
	HX-21N	NPN		5-30V DC	
	HX-21P	PNP			
	HX-31R	Reed Switch		5-240V DC/AC	 For: FVBC Cylinder
	HX-31N	NPN		5-30V DC	
	HX-31P	PNP			
	BK-81 BK-82	BK Series Metal Band			
	PBN-01 PBN-02	PBN Series Metal Band			
	PN	PN Series Metal Band			
	PAC	PAC Series Clamp			
	PM	PM Series Clamp			
	PI	PI Series Clamp			



AC Series Shock Absorber

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AC Series Shock Absorber

How to Order?

AC -- 25 -- 25 -- 1 --

AC: Multi Non-Adjustable type
ACD: Double Direction Cushion type

25: Outside Diameter

25: Stroke

1: 1: High Impact Speed
2: Medium Impact Speed
3: Low Impact Speed

Blank: With Cap
N: Without Cap

Order example:

* AC series, High Impact Speed, With Cap, Model: AC2525-1

* ACD series, High Impact Speed, With Cap, Model: ACD2525-1

Specifications

Model	Stroke (mm)	Max.Absorbing Energy Per Cycle (Nm)	Max. Absorb. Energy/ Hour (NM/hr)	Max.Effective Mass (Kg)	Max.Impact Speed (m/s)	Working Temperature (°C)
AC-0806-1	6	2	7200	0.5	2.0	-10 +85
AC-0806-2	6	2	7200	2.0	1.0	-10 +85
AC-0806-3	6	2	7200	6.0	0.5	-10 +85
AC-1005-1	5	3	10800	1	3.0	-10 +85
AC-1005-2	5	3	10800	3	1.5	-10 +85
AC-1005-3	5	3	10800	7	0.8	-10 +85
AC-1008-1	8	4	14400	2	3.0	-10 +85
AC-1008-2	8	4	14400	4	1.5	-10 +85
AC-1008-3	8	4	14400	9	0.8	-10 +85
AC-1210-1	10	5	18000	5	3.0	-10 +85
AC-1210-2	10	5	18000	10	1.5	-10 +85
AC-1210-3	10	5	18000	30	0.8	-10 +85
AC-1412-1	12	15	36000	8	3.0	-10 +85
AC-1412-2	12	15	36000	50	1.5	-10 +85
AC-1412-3	12	15	36000	100	0.8	-10 +85
AC-1416-1	16	20	40000	10	3.0	-10 +85
AC-1416-2	16	20	40000	70	1.5	-10 +85
AC-1416-3	16	20	40000	150	0.8	-10 +85
AC-1420-1	20	25	48000	12	3.0	-10 +85
AC-1420-2	20	25	48000	80	1.5	-10 +85
AC-1420-3	20	25	48000	160	0.8	-10 +85
AC-2020-1	20	40	48000	30	3.5	-10 +85
AC-2020-2	20	40	48000	200	2.0	-10 +85
AC-2020-3	20	40	48000	700	1.0	-10 +85
AC-2030-1	30	50	54000	30	3.5	-10 +85
AC-2030-2	30	50	54000	200	2.0	-10 +85
AC-2030-3	30	50	54000	700	1.0	-10 +85
AC-2050-1	50	60	66000	60	3.5	-10 +85
AC-2050-2	50	60	66000	400	2.0	-10 +85
AC-2050-3	50	60	66000	1200	1.0	-10 +85
ACD-2030-1	30	45	54000	40	3.5	-10 +85
ACD-2030-2	30	45	54000	300	2.0	-10 +85
ACD-2030-3	30	45	54000	900	1.0	-10 +85
ACD-2035-1	35	52	62000	40	3.5	-10 +85
ACD-2035-2	35	52	62000	200	2.0	-10 +85
ACD-2035-3	35	52	62000	650	1.0	-10 +85
AC-2525-1	25	80	60000	200	4.0	-10 +85
AC-2525-2	25	80	60000	800	2.5	-10 +85
AC-2525-3	25	80	60000	1500	1.0	-10 +85
AC-2540-1	40	120	84000	300	4.0	-10 +85
AC-2540-2	40	120	84000	1200	2.5	-10 +85
AC-2540-3	40	120	84000	2000	1.0	-10 +85
AC-2550-1	50	98	98000	15	4.0	-10 +85
AC-2550-2	50	98	98000	40	2.5	-10 +85
AC-2550-3	50	98	98000	160	1.0	-10 +85
AC-2580-1	80	150	127500	20	4.0	-10 +85
AC-2580-2	80	150	127500	50	2.5	-10 +85
AC-2580-3	80	150	127500	200	1.0	-10 +85
AC-3660-1	60	250	125000	400	4.0	-10 +85
AC-3660-2	60	250	125000	1500	2.5	-10 +85
AC-3660-3	60	250	125000	2400	1.0	-10 +85

© How to Order?

Order example:

* AD series, High Impact Speed, With Cap, Model: AD2525-1

* AD series, High Impact Speed, Without Cap, Model: AD2525-1N

Specifications

Model	Stroke (mm)	Max.Absorbing Energy Per Cycle (Nm)	Max. Absorb. Energy/ Hour (NM/hr)	Max.Effective Mass (Kg)	Max.Impact Speed (m/s)	Working Temperature (°C)
AD-1410-N/1410	10	20	24000	80	3.2	-10~+85
AD-1415-N/1415	15	22	26400	120	3.2	-10~+85
AD-2016N/2016	16	25	32000	200	3.6	-10~+85
AD-2050-N/2050	25	39	39000	312	3.6	-10~+85
AD-2525-N/2525	25	85	51000	400	3.6	-10~+85
AD-2530-N/2530	30	95	57000	480	3.6	-10~+85
AD-2540	40	100	84000	700	3.6	-10~+85
AD-2550	50	98	98000	720	4.2	-10~+85
AD-2580	80	150	275000	800	4.2	-10~+85
AD-3625	25	150	90000	1400	3.2	-10~+85
AD-3650	50	300	108000	1400	3.2	-10~+85
AD-4225	25	260	130000	3000	3.6	-10~+85
AD-4250	50	500	155000	4000	4.8	-10~+85
AD-4275	75	750	187500	6000	4.8	-10~+85
AD-64050	50	12000	1560000	12727	1.6	-10~+85
AD-64100	100	24000	1920000	18181	1.6	-10~+85
AD-64150	150	36000	2520000	23636	1.6	-10~+85

HR Series Speed Controls

How to Order?

HR -- 15

HR Series

Max. Stroke
15: 15mm
30: 30mm
60: 60mm
80: 80mm
100: 100mm

Order example:

* HR series, Max.Stroke:15mm, Model: HR15

Specifications

Model	A	B	Maximum Stroke (mm)	Working Temperature (°C)	Maximum Load (Kg)
HR15	151	136	15	-10 ~ 85	550
HR30	203	172	30	-10 ~ 85	550
HR60	280	219	60	-10 ~ 85	550
HR80	336	256	80	-10 ~ 85	550
HR100	390	290	100	-10 ~ 85	550





Solenoid Valve

Cleaning burrs with most advantaged electrolysis technology makes inner surface finishing arrive at very high level, and Japanese seals act as another big support for long life cycles of E.MC valves. 64 valve bodies are machined simultaneously in completely computer controlled CNC machine, coils are tested with 20,000 volts experiment condition, and armatures are well provided by 3-D CNC machine imported from Japan, all these makes E.MC valves top in China.







How to Order?

V	--	2	--	2	1	--	1	--	E2	--	06	--		--	
V: V series solenoid valve		2: 2 position		1: Single Control 2: Double Control		Voltage		Port size		Blank: Normal Close H: Normal Open					
		1: 1/8" Valve Body 2: 1/4" Valve Body 3: 3/8" Valve Body 4: 1/2" Valve Body Blank: Other size valve body				E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V E8: DC110V E9: DC48V E10: DC36V		M5:M5 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2"							
		2: 2 port 3: 3 port						Coil type Blank: DIN type F: Flying leads A: Air Control							

Order example:

* V series, 2 port, 2 position, other size valve body, single Control, AC110V, 1/8" port size, DIN coil, Model: V221E1-06

* V series, 3 port, 2 position, other size valve body, single Control, AC110V, 1/8" port size, flying leads coil, Model: V321E1-06

New
Low power
High flowrate
High frequency
Long lifetime
5/2 way valve



型号:

CN1V251-06
CN2V251-08
CN3V251-10
CN4V251-15

V Series Solenoid Valve (2/2,3/2)



Model:
V221-06
V221-08



Model:
VP321-06



Model:
V321-M5
V321-06



Model:
V321-M5
V3211-06



Model:
V3221-06
V3221-08
V3231-08
V3231-10
V3241-10
V3241-15



Model:
V3212-M5
V3212-06



Model:
V3222-06
V3222-08
V3232-08
V3232-10
V3242-10
V3242-15



Model:
V3211-M5H
V3211-06H



Model:
V3221-06H
V3221-08H
V3231-08H
V3231-10H



Model:
V3241-10H
V3241-15H

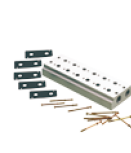
V Series Air Control Valve (3/2)



Model:
V3211-M5A
V3211-06A
V3221-06A
V3231-08A
V3231-10A
V3241-10A
V3241-15A



Model:
V3212-M5A
V3212-06A
V3222-06A
V3222-08A
V3232-08A
V3232-10A
V3242-10A
V3242-15A



Manifold
V321-NF
(N=1,2,3.....14)
V322-NF
(N=1,2,3.....14)
V323-NF
(N=1,2,3.....14)
V324-NF
(N=1,2,3.....14)



M Series Solenoid Valve

New
Low power
High frequency
3/2 way mini valve



Model:
M2P32-M5-10U



Model:
M2F10-M5



Model:
M2PX10-M5



Model:
M2P10-M5



Model:
M2P15-M5



Model:
M2F15-M5

How to Order?

V -- 5 -- 2 -- 1 -- 1 -- E2 -- 06 -- -- --

V: V series solenoid valve

2: 2 position
3: 3 position

1: Single Control
2: Double Control

1: 1/8" Valve Body
2: 1/4" Valve Body
3: 3/8" Valve Body
4: 1/2" Valve Body

5: 5 port

Voltage
E1: AC110V
E2: AC220V
E3: AC380V
E4: DC24V
E5: DC12V
E6: AC36V
E7: AC24V
E8: DC110V
E9: DC48V
E10: DC36V

Port size
M5: M5
06: 1/8"
08: 1/4"
10: 3/8"
15: 1/2"

Only for V53 Series
C: Center Close
P: Center Pressure
E: Center Exhaust

Coil type
Blank: DIN type
F: Flying leads
A: Air Control

New
Low power
High flowrate
High frequency
Long lifetime
5/2 way valve

型号:

CN1V251-06
CN2V251-08
CN3V251-10
CN4V251-15

Order example:

- * V series, 5 port, 2 position, single control, 1/8" valve body, AC110V, 1/8" port size, DIN coil, Model: V5211E1-06
- * V series, 5 port, 2 position, double control, 1/8" valve body, AC220V, 1/8" port size, flying Leads coil, Model: V5212E2-06F
- * V series, 5 port, 3 position, double control, 1/8" valve body, DC24V, 1/8" port size, DIN coil, center close, Model: V5312E4-06C

5 Port 2 Position Valve



Model:
V5211-M5
V5211-06



Model:
V5221-06
V5221-08
V5231-08
V5231-10



Model:
V5241-10
V5241-15



Model:
V5212-M5
V5212-06



Model:
V5222-06
V5222-08
V5232-08
V5232-10



Model:
V5242-10
V5242-15



Model:
V5211-M5A
V5211-06A
V5221-06A
V5221-08A
V5231-08A
V5231-10A



Model:
V5242-10A
V5241-15A



Model:
V5212-M5A
V5212-06A
V5222-06A
V5222-08A
V5232-08A
V5232-10A



Model:
V5242-10A
V5242-15A

5 Port 3 Position Valve



Model:
V5312-M5AC
V5312-06AC
V5312-M5AP
V5312-06AP
V5312-M5AE
V5312-06AE



Model:
V5312-M5C
V5312-06C
V5312-M5P
V5312-06P
V5312-M5E
V5312-06E



Model:
V5322-06C V5322-06E
V5322-08C V5322-08E
V5322-10C V5322-10E
V5322-06P
V5322-08P
V5322-10P



Model:
V5342-10C
V5342-10P
V5342-10E
V5342-15C
V5342-15P
V5342-15E



Model:
V5322-06AC V5322-06AP V5322-06AE
V5322-08AC V5322-08AP V5322-08AE
V5322-10AC V5322-10AP V5322-10AE
V5332-06AC V5332-06AP V5332-06AE
V5332-08AC V5332-08AP V5332-08AE
V5332-10AC V5332-10AP V5332-10AE



Model:
V5342-10AC
V5342-10AP
V5342-10AE
V5342-15AC
V5342-15AP
V5342-15AE



Manifold
V521-NF(N=1,2,3.....14)
V522-NF(N=1,2,3.....14)
V523-NF(N=1,2,3.....14)
V524-NF(N=1,2,3.....14)



How to Order?

V	--	5	--	2	--	1	--	1	--	E2	--	06	--		--	M
V: V series solenoid valve		2: 2 position		3: 3 position		1: Single Control		2: Double Control		Voltage		Port size				NAMUR Valve
		1: 1/8" Valve Body								E1: AC110V		M5: M5				
		2: 1/4" Valve Body								E2: AC220V		06: 1/8"				
		3: 3/8" Valve Body								E3: AC380V		08: 1/4"				
	5: 5 port	4: 1/2" Valve Body								E4: DC24V		10: 3/8"				
		5: 5/8" Valve Body								E5: DC12V		15: 1/2"				
										E6: AC36V						Coil type
										E7: AC24V						Blank: DIN type
										E8: DC110V						F: Flying leads
										E9: DC48V						A: Air Control
										E10: DC36V						

Order example:

* V series, 5 port, 2 position, single control, 1/8" valve body, AC110V, 1/8" port size, DIN coil, Model: V5211E1-06M

* V series, 5 port, 2 position, double control, 1/8" valve body, AC220V, 1/8" port size, flying leads coil, Model: V5212E2-06FM

Namur Valve

★ ISO Standard Namur Valve

Model:

V5211-M5M
V5211-06M



Model:

V5221-06M
V5221-08M
V5231-06M ★
V5231-08M ★
V5241-15M
V5251-10M ★
V5251-15M ★



Model:

V5212-M5M
V5212-06M



Model:

V5222-06M
V5222-08M
V5232-06M ★
V5232-08M ★
V5242-15M
V5252-10M ★
V5252-15M ★



Model:

V3211-M5M
V3211-06M



Model:

V3221-06M
V3221-08M
V3231-06M ★
V3231-08M ★
V3241-15M
V3251-10M ★
V3251-15M ★



Model:

V3211-M5AM
V3211-06AM
V3221-06AM
V3221-08AM
V3231-06AM ★
V3231-08AM ★
V3231-10AM
V3241-15AM
V3251-10AM ★
V3251-15AM ★



Model:

V5211-M5AM
V5211-06AM
V5221-06AM
V5221-08AM
V5231-06AM ★
V5231-08AM ★
V5231-10AM
V5241-15AM
V5251-10AM ★
V5251-15AM ★



Model:

V5212-M5AM
V5212-06AM
V5222-06AM
V5222-08AM
V5232-06AM ★
V5232-08AM ★
V5232-10AM
V5242-15AM
V5252-10AM ★
V5252-15AM ★



Model:

V5312-M5AMP
V5312-06AMP
V5312-06AMC
V5312-06AME
V5322-06AMP
V5322-06AMC
V5322-06AME
V5332-06AMP
V5332-06AMC
V5332-06AME
V5342-15AMP
V5342-15AMC
V5342-15AME
V5352-10AMP
V5352-10AMC
V5352-10AME
V5352-15AMP
V5352-15AMC
V5352-15AME



Model:

V5312-M5MP
V5312-06MP
V5312-06MC
V5312-06ME
V5322-06MP
V5322-06MC
V5322-06ME
V5332-06MP
V5332-06MC
V5332-06ME
V5342-15MP
V5342-15MC
V5342-15ME
V5352-10MP
V5352-10MC
V5352-10ME
V5352-15MP
V5352-15MC
V5352-15ME





S Series Solenoid Valve (5/2, 5/3)

26

How to Order?

S -- 5 -- 2 -- 2 -- 1 -- E2 -- 08 -- [F]

S: According to SMC VF series
5: 5 Port
2: 2 position
3: 3 position
1: Single Control
2: Double Control
E2: Voltage
E1 AC110V
E2 AC220V
E4 DC24V
E5 DC12V
08: Thread Size
06: 1/8"
08: 1/4"
10: 3/8"
[F]: A: Air control
F: Flying leads
D: DIN connector
DL: DIN connector with LED
C: Center Close
P: Center Pressure
E: Center Exhaust

order example:

* S series, 5 Port, 2 position, 1/4" body, single control with flying leads, AC220V, 1/4" thread size,

Model: S5221E2-08F

* S series, 5 Port, 2 position, 3/8" body, double control, 3/8" thread size, air control, Model: S5232-10A

Model:

S5221-06F
S5221-08F
S5231-08F
S5231-10F



Model:

S5221-06D
S5221-08D
S5231-08D
S5231-10D



Model:

S5221-06DL
S5221-08DL
S5231-08DL
S5231-10DL



Model:

S5222-06F
S5222-08F
S5232-08F
S5232-10F



Model:

S5222-06D
S5222-08D
S5232-08D
S5232-10D



Model:

S5222-06DL
S5222-08DL
S5232-08DL
S5232-10DL



Model:

S5322-06FC/S5322-08FC
S5322-06FE/S5322-08FE
S5322-06FP/S5322-08FP
S5332-08FC/S5332-10FC
S5332-08FE/S5332-10FE
S5332-08FP/S5332-10FP



Model:

S5322-06DC/S5322-08DC
S5322-06DE/S5322-08DE
S5322-06DP/S5322-08DP
S5332-08DC/S5332-10DC
S5332-08DE/S5332-10DE
S5332-08DP/S5332-10DP



Model:

S5322-06DLC/S5322-08DLC
S5322-06DLE/S5322-08DLE
S5322-06DLP/S5322-08DLP
S5332-08DLC/S5332-10DLC
S5332-08DLE/S5332-10DLE
S5332-08DLP/S5332-10DLP



Model:

S5221-06A
S5221-08A
S5231-08A
S5231-10A



Model:

S5222-06A
S5222-08A
S5232-08A
S5232-10A



Manifold

S522-NF
(N=1,2,3,.....14)
S523-NF
(N=1,2,3,.....14)





M221 Series

Type: 2/2 Port Size: 1/8" Working Pressure: 0-8Bar Working Temperature: -5~80°C

M221-S1



M221-S2



M221-S3



M221-S4



M221-S5



M221-S6



M221-S7



MJ322 Series

Type: 3/2 Port Size: 1/4" Working Pressure: 0-8Bar Working Temperature: -5~80°C

MJ322-S1



MJ322-S2



MJ322-S3



MJ322-S4



MJ322-S5



MJ322-S6



M322 Series

Type: 3/2 Port Size: 1/4" Working Pressure: 0-8Bar Working Temperature: -5~80°C

M322-S1



M322-S2



M322-S3



M322-S4



M322-S5



M322-S6



M322-S7



M522 Series

Type: 5/2 Port Size: 1/4" Working Pressure: 0-8Bar Working Temperature: -5~80°C

M522-S1



M522-S2



M522-S3



M522-S4



M522-S5



M522-S6



M522-S7



Hand Pull Valve

Working Pressure: 0–8Bar Working Temperature: –5°–80°C



Model:
L321–06 1/8"
L322–08 1/4"
L323–10 3/8"
L324–15 1/2"
Type: 3/2



Model:
L521–06 1/8"
L522–08 1/4"
L523–10 3/8"
L524–15 1/2"
Type: 5/2

Flow Control Valve

Working Pressure: 0–8Bar Working Temperature: –5°–80°C



Model:
RE–01 1/8"
RE–02 1/4"
RE–03 3/8"
RE–04 1/2"



Model:
BRE–01 1/8"
BRE–02 1/4"
BRE–03 3/8"
BRE–04 1/2"

Hand Push Valve

Working Pressure: 0–8Bar Working Temperature: –5°–80°C



Model:
H321–06 1/8"
H322–08 1/4"
H323–10 3/8"
H324–15 1/2"
Type: 3/2



Model:
H521–06 1/8"
H522–08 1/4"
H523–10 3/8"
H524–15 1/2"
Type: 5/2



Model:
H521–06S 1/8"
H522–08S 1/4"
H523–10S 3/8"
H524–15S 1/2"
Type: 5/2 Spring return



Model:
H531–06S 1/8"
H532–08S 1/4"
H533–10S 3/8"
H534–15S 1/2"
Type: 5/3 Centre close spring return



Model:
H531–06C 1/8"
H532–08C 1/4"
H533–10C 3/8"
H534–15C 1/2"
Type: 5/3 Centre close hand push valve

Foot Valve

Port Size: 1/4" Working Pressure: 0–8Bar Working Temperature: –5°–80°C



Model:
F322–08
Type: 3/2



Model:
F422–08
Type: 5/2



Model:
F322–08N
Type: 3/2



Model:
F522–08
Type: 5/2



Model:
F522–08L
Type: 5/2 with Lock



Model:
F522C–08L
Type: 5/2 with Lock and Cover



Model:
F522C–08
Type: 5/2 with Cover

New Big Size



Model:
F522C–08LB
Type: 5/2 with Lock and Cover

Rotary Valve

Type: 4/3 Working Pressure: 0–8Bar Working Temperature: –5°–80°C



Model:
M432–08
1/4"



Model:
U432–08
1/4"



Model:
R432–08 1/4"
R432–10 3/8"
R432–15 1/2"



Model:
MR432–08 1/4"
MR432–10 3/8"
MR432–15 1/2"

Ceramic Seal

Shuttle Valve

Quick Exhaust Valve

One Way Valve

Slide Valve

Pressure Increase Valve

Working Pressure: 1.5–10Bar Working Temperature: –5°–60°C



Model:
ES–06 1/8"
ES–08 1/4"
ES–10 3/8"
ES–15 1/2"
ES–20 3/4"
ES–25 1" * Square type available



Model:
KKP–06 1/8"
KKP–08 1/4"
KKP–10 3/8"
KKP–15 1/2"
KKP–20 3/4"
KKP–25 1"



Model:
EA–06 1/8"
EA–08 1/4"
EA–10 3/8"
EA–15 1/2"
EA–20 3/4"
EA–25 1"



Model:
YHS–06F/M 1/8"
YHS–08F/M 1/4"
YHS–10F/M 3/8"
YHS–15F/M 1/2"
YHS–20F/M 3/4"
YHS–25F/M 1"

New



Model:
VAP–06 1/8"
VAP–08 1/4"
VAP–10 3/8"
VAP–15 1/2"



Two Port Two Position Solenoid Valve

Over 20 years sufficient experience in designing and manufacturing makes E.MC a very professional 2/2, 3/2 solenoid valves manufacturer. We have a wide range of solenoid valves designed in different structures supporting for different pressure, temperature, medium, dimensiona, condition..... widely used in many area of the industry control systems. This makes E.MC a very trusted and depended supplier for solenoid valves for many customers home and abroad. Among so many kinds of E.MC solenoid valves, you'll find it's always easy for you to choose the most suitable solenoid valve for your system as everything is very clear in the catalog.

Anyway, for anything you're not so clear about the solenoid valves on the E.MC pneumatics & hydraulics catalog, just contact us pneumatic@emc-machinery.com







How to Order?

SLP	--	06	--		--	E2	--	3L	--	S1	--	H
SLP Series		Port size 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1" 35: 1-1/4" 40: 1-1/2" 50: 2" F: Flange		Seal Material Blank: NBR V: VITON E: EPDM		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V E8: DC110V E9: DC48V E10: DC36V		Orifice(mm) 3L: 3.0 4L: 4.0 10.5L: 10.5 13L: 13.0 20L: 20 25L: 25 35L: 35 40L: 40 50L: 50 Cancel if same with port size		Valve Body Blank: Brass S1: SS316		Control Style Blank: Normal Close H: Normal Open

Order example:

* SLP series, 2 position, 2 port, AC110V, 1/8" port size, Orifice: 3mm, Brass, Normal Close, NBR Seal, Model: SLP06E1-3L

* SLP series, 2 position, 2 port, AC220V, 3/8" port size, Orifice: 13mm, SS316, Normal Open, VITON Seal, Model: SLP10VE2-13LS1H

SLP Series 2/2 Solenoid Valve (Normal Close)


SLP

SLP-S1

SLPF-S1

Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)				Max. Temperature (°C)	Power		Model	
			Min. Pressure	Max. Working Pressure				VA	W	220VAC	50/60Hz
				Air, Gas	Water, Hot Water, Liquid	Light Oil ≤20CSTT		AC 220	DC 24V	Brass	Stainless Steel
1/8"	3	0.23	0	13	13	10	80	22	13	SLP06E2-3L	SLP06E2-3LS1
	3	0.23	0	13	13	—	130	22	13	SLP06EE2-3L	SLP06EE2-3LS1
	3	0.23	0	13	13	10	120	22	13	SLP06VE2-3L	SLP06VE2-3LS1
1/4"	3	0.23	0	13	13	10	80	22	13	SLP08E2-3L	SLP08E2-3LS1
	3	0.23	0	13	13	—	130	22	13	SLP08EE2-3L	SLP08EE2-3LS1
	3	0.23	0	13	13	10	120	22	13	SLP08VE2-3L	SLP08VE2-3LS1
	10.5	1.47	0	16	16	13	80	22	13	SLP08E2-10.5L	—
	10.5	1.47	0	16	16	—	130	22	13	SLP08EE2-10.5L	—
	10.5	1.47	0	16	16	13	120	22	13	SLP08VE2-10.5L	—

SLP Series 2/2 Solenoid Valve



Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)				Max. Temperature (°C)	Power		Model	
			Min. Pressure	Max. Working Pressure		AC 220		W 24V	220VAC	50/60Hz	
				Air, Gas	Water, Hot Water, Liquid						Light Oil ≤20CSTT
3/8"	3	0.3	0	13	13	10	80	22	13	SLP10E2-3L	SLP10E2-3LS1
	3	0.3	0	13	13	10	130	22	13	SLP10EE2-3L	SLP10EE2-3LS1
	3	0.3	0	13	13	10	120	22	13	SLP10VE2-3L	SLP10VE2-3LS1
	4	0.6	0	8	8	6	80	22	13	SLP10E2-4L	SLP10E2-4LS1
	4	0.6	0	8	8	6	130	22	13	SLP10EE2-4L	SLP10EE2-4LS1
	4	0.6	0	8	8	6	120	22	13	SLP10VE2-4L	SLP10VE2-4LS1
	10.5	1.68	0	16	16	13	80	22	13	SLP10E2-10.5L	---
	10.5	1.68	0	16	16	---	130	22	13	SLP10EE2-10.5L	---
	10.5	1.68	0	16	16	13	120	22	13	SLP10VE2-10.5L	---
	13	4.5	0.5	16	16	13	80	22	13	SLP10E2-13L	SLP10E2-13LS1
13	4.5	0.5	16	16		130	22	13	SLP10EE2-13L	SLP10EE2-13LS1	
13	4.5	0.5	16	16		120	22	13	SLP10VE2-13L	SLP10VE2-13LS1	
1/2"	10.5	1.75	0	16	16	13	80	22	13	SLP15E2-10.5L	---
	10.5	1.75	0	16	16	---	130	22	13	SLP15EE2-10.5L	---
	10.5	1.75	0	16	16	13	120	22	13	SLP15VE2-10.5L	---
	13	4.5	0.5	16	16	13	80	22	13	SLP15E2-13L	SLP15E2-13LS1
	13	4.5	0.5	16	16		130	22	13	SLP15EE2-13L	SLP15EE2-13LS1
	13	4.5	0.5	16	16	13	120	22	13	SLP15VE2-13L	SLP15E2-13LS1
3/4"	20	7.6	0.5	16	16	13	80	22	13	SLP-20E2	SLP-20E2S1
	20	7.6	0.5	16	16		130	22	13	SLP-20EE2	SLP-20EE2S1
	20	7.6	0.5	16	16	13	120	22	13	SLP-20VE2	SLP-20VE2S1
1"	25	12	0.5	16	16	13	80	22	13	SLP-25E2	SLP-25E2S1
	25	12	0.5	16	16		130	22	13	SLP-25EE2	SLP-25EE2S1
	25	12	0.5	16	16	13	120	22	13	SLP-25VE2	SLP-25VE2S1
1-1/4"	35	22	0.5	16	16	13	80	22	13	SLP-35E2	SLP-35E2S1
	35	22	0.5	16	16		130	22	13	SLP-35EE2	SLP-35EE2S1
	35	22	0.5	16	16	13	120	22	13	SLP-35VE2	SLP-35VE2S1
1-1/2"	40	30	0.5	16	16	13	80	22	13	SLP-40E2	SLP-40E2S1
	40	30	0.5	16	16		130	22	13	SLP-40EE2	SLP-40EE2S1
	40	30	0.5	16	16	13	120	22	13	SLP-40VE2	SLP-40VE2S1
2"	50	48	0.5	16	16	13	80	22	13	SLP-50E2	SLP-50E2S1
	50	48	0.5	16	16		130	22	13	SLP-50EE2	SLP-50EE2S1
	50	48	0.5	16	16	13	120	22	13	SLP-50VE2	SLP-50VE2S1
Flange 4 Port	25	12	0.5	16	16	13	80	22	13	---	SLPFE2-25LS1
	25	12	0.5	16	16		130	22	13	---	SLPFEE2-25LS1
	25	12	0.5	16	16	13	120	22	13	---	SLPFVE2-25LS1
Flange 4 Port	35	22	0.5	16	16	13	80	22	13	---	SLPFE2-35LS1
	35	22	0.5	16	16		130	22	13	---	SLPFEE2-35LS1
	35	22	0.5	16	16	13	120	22	13	---	SLPFVE2-35LS1
Flange 4 Port	40	30	0.5	16	16	13	80	22	13	---	SLPFE2-40LS1
	40	30	0.5	16	16		130	22	13	---	SLPFEE2-40LS1
	40	30	0.5	16	16	13	120	22	13	---	SLPFVE2-40LS1
Flange 4 Port	50	48	0.5	16	16	13	80	22	13	---	SLPFE2-50LS1
	50	48	0.5	16	16		130	22	13	---	SLPFEE2-50LS1
	50	48	0.5	16	16	13	120	22	13	---	SLPFVE2-50LS1


SLP-H 2/2 Solenoid Valve (Normal Open)

SLP06E2-1LH

SLP06E2-1LS1H

SLP-20H

SLP-15S1H

New Technology
Just change one
part, the N.O.
valve can change
to N.C. valve

Port Size	Orifice (mm)	CV Value	Min. Pressure	Pressure Difference (Bar)			Max. Temperature (°C)	Power		Model	
				Max. Working Pressure				VA	W	220VAC	50/60Hz
				Air, Gas	Water, Hot Water, Liquid	Light Oil ≤20CSTT		AC 220	DC 24V	Brass	Stainless Steel
1/8"	1	0.04	0	30	30	25	80	22	13	SLP06E2-1LH	SLP06E2-1LS1H
	1	0.04	0	30	30	-	130	22	13	SLP06EE2-1LH	SLP06EE2-1LS1H
	1	0.04	0	30	30	25	120	22	13	SLP06VE2-1LH	SLP06VE2-1LS1H
	1.5	0.09	0	20	20	15	80	22	13	SLP06E2-1.5LH	SLP06E2-1.5LS1H
	1.5	0.09	0	20	20	-	130	22	13	SLP06EE2-1.5LH	SLP06EE2-1.5LS1H
	1.5	0.09	0	20	20	15	120	22	13	SLP06VE2-1.5LH	SLP06VE2-1.5LS1H
	2.5	0.2	0	15	15	12	80	22	13	SLP06E2-2.5LH	SLP06E2-2.5LS1H
	2.5	0.2	0	15	15	-	130	22	13	SLP06EE2-2.5LH	SLP06EE2-2.5LS1H
	2.5	0.2	0	15	15	12	120	22	13	SLP06VE2-2.5LH	SLP06VE2-2.5LS1H
	3	0.25	0	12	12	10	80	22	13	SLP06E2-3LH	SLP06E2-3LS1H
1/4"	3	0.25	0	12	12	-	130	22	13	SLP06EE2-3LH	SLP06EE2-3LS1H
	3	0.25	0	12	12	10	120	22	13	SLP06VE2-3LH	SLP06VE2-3LS1H
	1	0.04	0	30	30	25	80	22	13	SLP08E2-1LH	SLP08E2-1LS1H
	1	0.04	0	30	30	-	130	22	13	SLP08EE2-1LH	SLP08EE2-1LS1H
	1	0.04	0	30	30	25	120	22	13	SLP08VE2-1LH	SLP08VE2-1LS1H
	1.5	0.09	0	20	20	15	80	22	13	SLP08E2-1.5LH	SLP08E2-1.5LS1H
	1.5	0.09	0	20	20	-	130	22	13	SLP08EE2-1.5LH	SLP08EE2-1.5LS1H
	1.5	0.09	0	20	20	15	120	22	13	SLP08VE2-1.5LH	SLP08VE2-1.5LS1H
	2.5	0.2	0	15	15	12	80	22	13	SLP08E2-2.5LH	SLP08E2-2.5LS1H
	2.5	0.2	0	15	15	-	130	22	13	SLP08EE2-2.5LH	SLP08EE2-2.5LS1H
3/8"	2.5	0.2	0	15	15	12	120	22	13	SLP08VE2-2.5LH	SLP08VE2-2.5LS1H
	3	0.25	0	12	12	10	80	22	13	SLP08E2-3LH	SLP08E2-3LS1H
	3	0.25	0	12	12	-	130	22	13	SLP08EE2-3LH	SLP08EE2-3LS1H
	3	0.25	0	12	12	10	120	22	13	SLP08VE2-3LH	SLP08VE2-3LS1H
	13	4.5	0.5	8	8	7	80	33	32	SLP10E2-13LH	SLP10E2-13LS1H
	13	4.5	0.5	8	8	-	120	33	32	SLP10EE2-13LH	SLP10EE2-13LS1H
	13	4.5	0.5	8	8	7	120	33	32	SLP10VE2-13LH	SLP10VE2-13LS1H
	13	4.5	0.5	8	8	7	80	33	32	SLP15E2-13LH	SLP15E2-13LS1H
	13	4.5	0.5	8	8	-	120	33	32	SLP15EE2-13LH	SLP15EE2-13LS1H
	13	4.5	0.5	8	8	7	120	33	32	SLP15VE2-13LH	SLP15VE2-13LS1H
1/2"	20	7.6	0.5	8	8	7	80	33	32	SLP-20E2H	SLP-20E2S1H
	20	7.6	0.5	8	8	-	120	33	32	SLP-20EE2H	SLP-20EE2S1H
	20	7.6	0.5	8	8	7	120	33	32	SLP-20VE2H	SLP-20VE2S1H
3/4"	25	12	0.5	8	8	7	80	33	32	SLP-25E2H	SLP-25E2S1H
	25	12	0.5	8	8	-	120	33	32	SLP-25EE2H	SLP-25EE2S1H
	25	12	0.5	8	8	7	120	33	32	SLP-25VE2H	SLP-25VE2S1H
1"	35	22	0.5	8	8	7	80	33	32	SLP-35E2H	SLP-35E2S1H
	35	22	0.5	8	8	-	120	33	32	SLP-35EE2H	SLP-35EE2S1H
	35	22	0.5	8	8	7	120	33	32	SLP-35VE2H	SLP-35VE2S1H
1-1/4"	35	22	0.5	8	8	7	80	33	32	SLP-35E2H	SLP-35E2S1H
	35	22	0.5	8	8	-	120	33	32	SLP-35EE2H	SLP-35EE2S1H
	35	22	0.5	8	8	7	120	33	32	SLP-35VE2H	SLP-35VE2S1H

Port Size	Orifice (mm)	CV Value	Min. Pressure	Pressure Difference (Bar)			Max. Temperature (°C)	Power		Model 220VAC 50/60Hz	
				Max. Working Pressure				VA	W		
				Air, Gas	Water, Hot Water, Liquid	Light Oil ≤20CSTT		AC 220	DC 24V	Brass	Stainless Steel
1-1/2"	40	30	0.5	8	8	7	80	33	32	SLP-40E2H	SLP-40E2S1H
	40	30	0.5	8	8		120	33	32	SLP-40EE2H	SLP-40EE2S1H
	40	30	0.5	8	8	7	120	33	32	SLP-40VE2H	SLP-40VE2S1H
2"	50	48	0.5	8	8	7	80	33	32	SLP-50E2H	SLP-50E2S1H
	50	48	0.5	8	8		120	33	32	SLP-50EE2H	SLP-50EE2S1H
	50	48	0.5	8	8	7	120	33	32	SLP-50VE2H	SLP-50VE2S1H
Flange 4 port	25	12	0.5	8	8	7	80	33	32	---	SLPFE2-25LS1H
	25	12	0.5	8	8		120	33	32	---	SLPFEE2-25LS1H
	25	12	0.5	8	8	7	120	33	32	---	SLPFVE2-25LS1H
Flange 4 port	35	22	0.5	8	8	7	80	33	32	---	SLPFE2-35LS1H
	35	22	0.5	8	8		120	33	32	---	SLPFEE2-35LS1H
	35	22	0.5	8	8	7	120	33	32	---	SLPFVE2-35LS1H
Flange 4 port	40	30	0.5	8	8	7	80	33	32	---	SLPFE2-40LS1H
	40	30	0.5	8	8		120	33	32	---	SLPFEE2-40LS1H
	40	30	0.5	8	8	7	120	33	32	---	SLPFVE2-40LS1H
Flange 4 port	50	48	0.5	8	8	7	80	33	32	---	SLPFE2-50LS1H
	50	48	0.5	8	8		120	33	32	---	SLPFEE2-50LS1H
	50	48	0.5	8	8	7	120	33	32	---	SLPFVE2-50LS1H

ESP Series 2/2 Solenoid Valve (Normal Close)

How to Order?

ESP
ESP Series

10

Port size
10: 3/8"
15: 1/2"
20: 3/4"
25: 1"
35: 1-1/4"
40: 1-1/2"

E2

Voltage

E1: AC110V
E2: AC220V
E3: AC380V
E4: DC24V
E5: DC12V
E6: AC36V
E7: AC24V
E8: DC110V
E9: DC48V
E10: DC36V



ESP-10

Order example:

* ESP series, 2 position, 2 port, AC110V, 3/8" port size, Normal Close, Model: ESP-10E1

Specifications

Model	ESP-10	ESP-15	ESP-20	ESP-25	ESP-35	ESP-40
Working Medium	Air, Gas, Water, Liquid					
Working Temperature(°C)	0-65					
Working Style	Diaphragm					
Orifice(mm)	15	15	25	25	40	40
Joint Size	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
Working Pressure(Bar)	0.5-7					
Max. Pressure(Bar)	9					
Valve Body	Reinforce Nylon					



How to Order?

ZS	--	06	--		--	E2	--	3L	--	S2	--	H
ZS Series		Port size 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1" 35: 1-1/4" 40: 1-1/2" 50: 2" F: Flange		Seal Material Blank: NBR V: VITON E: EPDM G: Silicon Rubber		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V E8: DC110V E9: DC48V E10: DC36V		Orifice(mm) 2.5L: 2.5 3L: 3.0 4L: 4.0 5L: 5.0 6L: 6.0 7.5L: 7.5 10L: 10.0 16L: 16.0 20L: 20.0 25L: 25.0 32L: 32.0 40L: 40.0 50L: 50.0		Valve Body Blank: Brass S1: SS316 S2: SS304		Control Style Blank: Normal Close H: Normal Open

Cancel if
same with
port size

Order example:

* ZS series, 2 position, 2 port, AC110V, 1/8" port size, Orifice: 3mm, Brass, Normal Close, NBR Seal, Model: ZS06E1-3L

* ZS series, 2 position, 2 port, AC220V, 3/8" port size, Orifice: 16mm, SS304, Normal Open, VITON Seal, Model: ZS10VE2-16LS2H

Note: 2.5mm only available flying leads coil, other orifice all with DIN connector.

ZS 2/2 Solenoid Valve (Normal Close)


ZS-06-E2-2.5L

ZS-06-E2-2.5LS2

ZS-10

ZS-10S2

ZSF-S2

Port size	Orifice (mm)	CV Value	Pressure difference (Bar)								Max. temperature (°C)	Power		Model 220VAC		
			Min. pressure	Max. working pressure								VA	W			
				Air, Gas		Water, Hot water, Liquid		Light oil ≤20CST				AC 220	DC 24V			
				AC	DC	AC	DC	AC	DC							
										Brass				Stainless steel 304		
1/8"	2.5	0.23	0	7	5	7	5	7	5	80	13	8.5	ZS06E2-2.5L	ZS06E2-2.5LS2		
	2.5	0.23	0	7	5	7	5	—	—	120	13	8.5	ZS06EE2-2.5L	ZS06EE2-2.5LS2		
	2.5	0.23	0	7	5	7	5	7	5	120	13	8.5	ZS06VE2-2.5L	ZS06VE2-2.5LS2		
1/4"	2.5	0.23	0	7	5	7	5	7	5	80	13	8.5	ZS08E2-2.5L	ZS08E2-2.5LS2		
	2.5	0.23	0	7	5	7	5	—	—	120	13	8.5	ZS08EE2-2.5L	ZS08EE2-2.5LS2		
	2.5	0.23	0	7	5	7	5	7	5	120	13	8.5	ZS08VE2-2.5L	ZS08VE2-2.5LS2		
	10	1.0	0	20	16	20	16	20	16	80	22	13	ZS08E2-10L	---		
	10	1.0	0	20	16	20	16	—	—	120	22	13	ZS08E2-10L	---		
	10	1.0	0	20	16	20	16	20	16	120	22	13	ZS08E2-10L	---		

ZS Series 2/2 Solenoid Valve



36

Port size	Orifice (mm)	CV Value	Pressure difference (Bar)								Max. temperature (°C)	Power		Model 220VAC		
			Min. pressure	Max. working pressure								VA	W			
				Air, Gas		Water, Hot water, Liquid		Light oil ≤20CST		AC 220		DC 24V				
				AC	DC	AC	DC	AC	DC							
3/8"	4	0.6	0	8	5	8	5	5	5	80	33	20	ZS10E2-4L	ZS10E2-4LS2		
	4	0.6	0	8	5	8	5	-	-	120	33	20	ZS10EE2-4L	ZS10EE2-4LS2		
	4	0.6	0	8	5	8	5	5	5	120	33	20	ZS10VE2-4L	ZS10VE2-4LS2		
	10	1.8	0	20	16	20	16	20	16	80	22	13	ZS10E2-10L	---		
	10	1.8	0	20	16	20	16	-	-	120	22	13	ZS10EE2-10L	---		
	10	1.8	0	20	16	20	16	20	16	120	22	13	ZS10VE2-10L	---		
	16	4.8	0	10	6	10	6	7	4	80	33	20	ZS10E2-16L	ZS10E2-16LS2		
	16	4.8	0	10	6	10	6			120	33	20	ZS10EE2-16L	ZS10EE2-16LS2		
1/2"	16	4.8	0	10	6	10	6	7	4	120	33	20	ZS10VE2-16L	ZS10VE2-16LS2		
	10	1.9	0	20	16	20	16	20	16	80	22	13	ZS15E2-10L	---		
	10	1.9	0	20	16	20	16	-	-	120	22	13	ZS15EE2-10L	---		
	10	1.9	0	20	16	20	16	20	16	120	22	13	ZS15VE2-10L	---		
	16	4.8	0	10	6	10	6	7	4	80	33	20	ZS15E2-16L	ZS15E2-16LS2		
	16	4.8	0	10	6	10	6			120	33	20	ZS15EE2-16L	ZS15EE2-16LS2		
3/4"	16	4.8	0	10	6	10	6	7	4	120	33	20	ZS15VE2-16L	ZS15VE2-16LS2		
	20	7.6	0	10	6	10	6	7	4	80	33	20	ZS-20E2	ZS-20E2S2		
	20	7.6	0	10	6	10	6			120	33	20	ZS-20EE2	ZS-20EE2S2		
1"	20	7.6	0	10	6	10	6	7	4	120	33	20	ZS-20VE2	ZS-20VE2S2		
	25	12	0	10	6	10	6	7	4	80	33	20	ZS-25E2	ZS-25E2S2		
	25	12	0	10	6	10	6			120	33	20	ZS-25EE2	ZS-25EE2S2		
	25	12	0	10	6	10	6	7	4	120	33	20	ZS-25VE2	ZS-25VE2S2		
1-1/4"	25	12	0	10	6	3	3			120	33	20	ZS-25GE2	ZS-25GE2S2		
	32	24	0	10	6	10	6	7	4	80	70	40	ZS-35E2	ZS-35E2S2		
	32	24	0	10	6	10				120	70	40	ZS-35EE2	ZS-35EE2S2		
	32	24	0	10	6	10	6	7	4	120	70	40	ZS-35VE2	ZS-35VE2S2		
1-1/2"	40	29	0	10	6	10	6	7	4	80	70	40	ZS-40E2	ZS-40E2S2		
	40	29	0	10	6	10				120	70	40	ZS-40EE2	ZS-40EE2S2		
	40	29	0	10	6	10	6	7	7	120	70	40	ZS-40VE2	ZS-40VE2S2		
2"	50	48	0	10	6	10	6	7	4	80	70	40	ZS-50E2	ZS-50E2S2		
	50	48	0	10	6	10				120	70	40	ZS-50EE2	ZS-50EE2S2		
	50	48	0	10	6	10	6	7	4	120	70	40	ZS-50VE2	ZS-50VE2S2		
法兰4孔	25	12	0	10	6	10	6	7	4	80	70	40	---	ZSFE2-25LS2		
	25	12	0	10	6	10				120	70	40	---	ZSFEE2-25LS2		
	25	12	0	10	6	10	6	7	4	120	70	40	---	ZSFVE2-25LS2		
	32	24	0	10	6	10	6	7	4	80	70	40	---	ZSFE2-32LS2		
	32	24	0	10	6	10				120	70	40	---	ZSFEE2-32LS2		
	32	24	0	10	6	10	6	7	4	120	70	40	---	ZSFVE2-32LS2		
	40	29	0	10	6	10	6	7	4	80	70	40	---	ZSFE2-40LS2		
	40	29	0	10	6	10				120	70	40	---	ZSFEE2-40LS2		
	40	29	0	10	6	10	6	7	4	120	70	40	---	ZSFVE2-40LS2		
	50	48	0	10	6	10	6	7	4	80	70	40	---	ZSFE2-50LS2		
	50	48	0	10	6	10	6			120	70	40	---	ZSFEE2-50LS2		
	50	48	0	10	6	10	6	7	4	120	70	40	---	ZSFVE2-50LS2		

* Orifice: 2.5mm, Only flying leads Coil


ZS-H 2/2 Solenoid Valve (Normal Open)

ZS-H

ZS-S2H

Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)								Max. Temperature (°C)	Power		Model 220VAC	
			Min. Pressure	Max. Working Pressure						VA AC 220		W DC 24V			
				Air, Gas		Water, Hot Water, Liquid		Light Oil ≤20CST							
				AC	DC	AC	DC	AC	DC				Brass	Stainless Steel 304	
3/8"	4.0	0.6	0	5	3	5	3	3	3	80	57	32	ZS10E2-4LH	ZS10E2-4LS2H	
	4.0	0.6	0	5	3	5	3			120	57	32	ZS10EE2-4LH	ZS10EE2-4LS2H	
	4.0	0.6	0	5	3	5	3	3	3	120	57	32	ZS10VE2-4LH	ZS10VE2-4LS2H	
	16	4.8	0	5	3	3	5	3	3	80	57	32	ZS10E2-16LH	ZS10E2-16LS2H	
	16	4.8	0	5	3	3	5			120	57	32	ZS10EE2-16LH	ZS10EE2-16LS2H	
1/2"	16	4.8	0	5	3	3	5	3	3	120	57	32	ZS10VE2-16LH	ZS10VE2-16LS2H	
	16	4.8	0	5	3	5	3			80	57	32	ZS15E2-16LH	ZS15E2-16LS2H	
	16	4.8	0	5	3	5	3	3	3	120	57	32	ZS15EE2-16LH	ZS15EE2-16LS2H	
3/4"	20	7.6	0	5	3	5	3	3	3	80	57.2	32	ZS-20E2H	ZS-20E2S2H	
	20	7.6	0	5	3	5	3			120	57.2	32	ZS-20EE2H	ZS-20EE2S2H	
	20	7.6	0	5	3	5	3	3	3	120	57.2	32	ZS-20VE2H	ZS-20VE2S2H	
1"	25	12	0	5	3	5	3	3	3	80	57.2	32	ZS-25E2H	ZS-25E2S2H	
	25	12	0	5	3	5	3			120	57.2	32	ZS-25EE2H	ZS-25EE2S2H	
	25	12	0	5	3	5	3	3	3	120	57.2	32	ZS-25VE2H	ZS-25VE2S2H	
1-1/4"	32	24	0	5	3	5	3	3	3	80	70	40	ZS35E2-32LH	ZS35E2-32LS2H	
	32	24	0	5	3	5	3			120	70	40	ZS35EE2-32LH	ZS35EE2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	ZS35VE2-32LH	ZS35VE2-32LS2H	
1-1/2"	40	29	0	5	3	5	3	3	3	80	70	40	ZS-40E2H	ZS-40E2S2H	
	40	29	0	5	3	5	3			120	70	40	ZS-40EE2H	ZS-40EE2S2H	
	40	29	0	5	3	5	3	3	3	120	70	40	ZS-40VE2H	ZS-40VE2S2H	
2"	50	48	0	5	3	5	3	3	3	80	70	40	ZS-50E2H	ZS-50E2S2H	
	50	48	0	5	3	5	3			120	70	40	ZS-50EE2H	ZS-50EE2S2H	
	50	48	0	5	3	5	3	3	3	120	70	40	ZS-50VE2H	ZS-50VE2S2H	
Flange 4 Port	25	12	0	5	3	5	3	3	3	80	57	32	---	ZSFE2-25LS2H	
	25	12	0	5	3	5	3			120	57	32	---	ZSFEE2-25LS2H	
	25	12	0	5	3	5	3	3	3	120	57	32	---	ZSFVE2-25LS2H	
	32	24	0	5	3	5	3	3	3	80	70	40	---	ZSFE2-32LS2H	
	32	24	0	5	3	5	3			120	70	40	---	ZSFEE2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	---	ZSFVE2-32LS2H	
	40	29	0	5	3	5	3	3	3	120	70	40	---	ZSFE2-40LS2H	
	40	29	0	5	3	5	3			80	70	40	---	ZSFE2-40LS2H	
	40	29	0	5	3	5	3	3	3	120	70	40	---	ZSFEE2-40LS2H	
	40	29	0	5	3	5	3	3	3	120	70	40	---	ZSFVE2-40LS2H	
	50	48	0	5	3	5	3	3	3	80	70	40	---	ZSFE2-50LS2H	
	50	48	0	5	3	5	3			120	70	40	---	ZSFE2-50LS2H	
50	48	0	5	3	5	3	3	3	120	70	40	---	ZSFVE2-50LS2H		

PU/2V Series Solenoid Valve

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PU 2/2 Solenoid Valve (Normal Close)



How to Order?

PU220 -- -- E1 -- 03 -- S -- T
 PU220 Series Blank: NBR V: VITON Voltage E1: AC110V E2: AC220V E5: DC12V E4: DC24V Port Size 03: 3/8" 04: 1/2" 06: 3/4" 08: 1" Blank: Standard Type S: Small Orifice Type Blank: DIN Coil T: With Timer

Order example:

* PU220 series, 2 position, 2 port, NBR seal, 3/8" port size, small orifice, Voltage:

AC220V, Model: PU220E2-03S

* PU220 series, 2 position, 2 port, NBR seal, 1/2" port size, with Timer, Voltage:

DC24V, Model: PU220E4-04T

Specifications

* With Voltage AC220V

Model	PU220E2-03S PUT220E2-03S	PU220E2-04S PUT220E2-04S	PU220E2-03 PUT220E2-03	PU220E2-04 PUT220E2-04	PU220E2-06 PUT220E2-06	PU220E2-08 PUT220E2-08
Working Medium	Air, Water, Oil					
Orifice(mm)	8.0	8.0	13	13	20	25
Cv Value	1.00	1.00	4.00	4.00	8.60	11.00
Port Size	3/8"	1/2"	3/8"	1/2"	3/4"	1"
Fluid Viscosity	50 CST					
Working Pressure(Bar)	0-7					
Max. Pressure Resistance(Bar)	11					
Working Temperature Range(°C)	-5° 80					

2V Series 2/2 Solenoid Valve (Normal Close)

How to Order?

2V -- -- 025 -- E1 -- 06
 2V Series Blank: NBR V: VITON Orifice 025: 2mm 130: 13mm 250: 25mm Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E7: AC24V Port Size 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1"

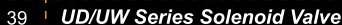


Order example:

* 2V series, 2 position, 2 port, NBR seal, 1/4" port size, orifice 2.5mm, Voltage AC220V, Model: 2V025E2-08

Specifications

Model	2V025-06	2V025-08	2V130-10	2V130-15	2V250-20	2V250-25
Working medium	Air, Water, Steam					
Acting type	Direct acting Type			Pilot Type		
Type	Normal Close Type					
Orifice(mm)	2		13		25	
Cv value	0		6		23	
Port size	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Fluid viscosity	20 CST Below					
Working pressure(Bar)	Air, Water, Oil : 0~8			Air, Water, Oil : 0.5~7		
Max. Pressure resistance(Bar)	12			11		
Working temperature range(℃)	-10~80					
Voltage Range	± 10%					
Protect Class	IP65					
Power Consumption	AC:7VA/60Hz, 9VA/50Hz, DC:6W					
Insulation	Class F					
Material of Valve Body	Brass					
Seal Material	NBR or VITON			NBR		
Shortest Response Time	0.05s / second					



4D	-		-	10	--	E1
UD Series		Blank: NBR		Port Size		E1: AC110V
UDH: High		V: VITON		06: 1/8"		E2: AC220V
Pressure				08: 1/4"		E3: AC380V
				10: 3/8"		E4: DC24V
						E5: DC12V
						E6: AC36
						E7: AC24V

* UD series, 2 position, 2 port, NBR seal, 1/4" port size, orifice 2.5mm, voltage AC220V, Model: UDE2-08

* UDH High Pressure series, 2 position, 2 port, NBR seal, 1/4" port size, orifice 1.2mm, voltage AC220V, Model: UDHE2-08

* With Voltage AC220V

Model	UD-06E2	UD-08E2	UD-10E2	UDH-08E2	UDH-08E2	UDH-10E2
Working Medium	Air, Water, Oil, Gas					
Acting Type	Direct acting					
Type	Normal Close Type					
Orifice(mm)	2.5		4	1.2		2
Cv Value	0.23		0.6	0.05		0.15
Port Size	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"
Fluid Viscosity	20 CST (Below)					

Model	UD-06E2	UD-08E2	UD-10E2	UDH-06E2	UDH-08E2	UDH-10E2
Working Pressure(Bar)	0-7			0-20		
Max. Pressure Resistance(Bar)	10			35		
Working Temperature Range(°C)	-5~80					
Voltage Range	± 10%					
Material of Valve Body	-					
Seal Material	NBR, VITON (optional)					

How to Order?

UW	--		--	06	--	E1
UW Series		Blank: NBR V: VITON		Port Size 06: 1/8" 10: 3/8" 20: 3/4" 35: 1-1/4" 50: 2"		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V

* UW series, 2 position, 2 port, NBR seal, 1/2" port size, voltage AC220V, Model: UW-15E2



* With Voltage AC220V

[illegible]

UWS/2P Series Solenoid Valve

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UWS Series 2/2 Solenoid Valve (Normal Close)



UWS

How to Order?

UWS	--		--	06	--	E1
UWS: SS304 Series		Blank: NBR		Port Size		Voltage
		V: VITON		06: 1/8"		E1: AC110V
				08: 1/4"		E2: AC220V
				10: 3/8"		E3: AC380V
				10B: 3/8"		E4: DC24V
				15: 1/2"		E5: DC12V
				20: 3/4"		E6: AC36V
				25: 1"		E7: AC24V
				35: 1-1/4"		
				40: 1-1/2"		
				50: 2"		

Order example:

* UWS SS304 series, 2 position, 2 port,
NBR seal, 1/2" port size, Voltage: AC220V,
Model: UWS-15E2

Specifications

* With Voltage AC220V

Model	UWS -06E2	UWS -08E2	UWS -10E2	UWS -10BE2	UWS -15E2	UWS -20E2	UWS -25E2	UWS -35E2	UWS -40E2	UWS -50E2
Orifice(mm)	2.5	2.5	4	16	16	20	25	35	40	50
Cv Value	0.23	0.23	0.6	4.8	4.8	7.6	12	24	29	48
Port Size	1/8"	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Fluid Viscosity	20 CST (Below)									
Working Pressure(Bar)	Water : 0~5 , Air : 0~7 , Oil : 0~5 , Gas : 0~7									
Max. Pressure Resistance(Bar)	10.5									
Working Temperature Range(°C)	-5~80									
Voltage Range	±10%									
Material of Valve Body	Stainless Steel 304									
Seal Material	NBR, VITON (optional)									

2P Series 2/2 Solenoid Valve (Normal Close)

How to Order?

2P	--	025	--		--	06	--	E1	--	
2P Series		Orifice		Blank: NBR		Port Size		Voltage		Blank: DIN coil
		025: 2.5mm		V: VITON		06: 1/8"		E1: AC110V		F: Flying leads coil
						08: 1/4"		E2: AC220V		
								E3: AC380V		
								E4: DC24V		
								E5: DC12V		
								E6: AC36V		
								E7: AC24V		

Order example:

* 2P series, 2 position, 2 port, NBR seal, 1/4" port size,
Voltage: AC220V, Model: 2P025-08E2



2P025-06E2F

Specifications

* With Voltage AC220V

Model	2P025-06E2	2P025-08E2
Working Medium	Air, Water, Oil, Gas	
Acting Type	Direct acting	
Type	Normal Close Type	
Orifice(mm)	2.5	
Cv Value	0.23	
Port Size	1/8"	1/4"
Fluid Viscosity	20 CST (Below)	
Working Pressure(Bar)	0~7	
Max. Pressure Resistance(Bar)	11	
Working Temperature Range(°C)	-5~80	
Voltage Range	±10%	
Power Consumption	AC:7VA/50Hz, 9VA/50Hz, DC:6W	
Material of Valve Body	Engineering Plastic Steel	
Seal Material	NBR, VITON (optional)	

How to Order?

THP	--	06	--	E2	--		--	2.5L	--	S2	--		--	
THP Series		Port size		Voltage		Seal Material		Orifice(mm)		Valve Body		Control Style		
		06: 1/8"		E1: AC110V		Blank: NBR		2.5L: 2.5		Blank: Brass		Blank: Normal Close		
		08: 1/4"		E2: AC220V		T: Teflon		4.5L: 4.5		S1: SS316		H: Normal Open		
		10: 3/8"		E3: AC380V		V: VITON		15L: 15.0		S2: SS304				
		15: 1/2"		E4: DC24V		E: EPDM		20L: 20.0						
		20: 3/4"		E5: DC12V		(N,V,E Orifice ≤ ϕ 5.5mm		25L: 25.0						
		25: 1"		E6: AC36V		Optional)		35L: 35.0						
		35: 1-1/4"		E7: AC24V				40L: 40.0						
		40: 1-1/2"		E8: DC110V				50L: 50.0						
		50: 2"		E9: DC48V										
		25F: 1" Flange		E10: DC36V										
		35F: 1-1/4" Flange												
		40F: 1-1/2" Flange												
		50F: 2" Flange												

Order example:

* THP series, 2 position, 2 port, AC110V, 1/8" port size, Orifice: 2.5mm, Brass, Normal Close, NBR Seal, DIN Coil, Model: THP06E1-2.5L

* THP series, 2 position, 2 port, AC220V, 3/8" port size, Orifice: 15mm, SS304, Normal Open, Teflon Seal, Flying Leads Coil, Model: THP10TE2-15LS2HF

THP Series 2/2 Solenoid Valve (Normal Close)



THP-15TE2



THP-15TE2S2



Port size	Orifice (mm)	CV value	Pressure difference (Bar)										Max. temperature (°C)	Power		Model 220CAC 50/60HZ	Main dimensions
			Min. pressure	Max. working pressure								VA		W			
				Air, Gas		Water, Hot Liquid		Light oil, <20°C		Steam							
				AC	DC	AC	DC	AC	DC		AC/DC						
1/8"	2.5	0.23	0	8	8	8	8	6	6	10	180	22	13	THP06E2T-2.5L	---	---	48 x 25 x 85.5
	2.5	0.23	0	13	13	13	13	7	7	10	110	22	13	THP06E2V-2.5L	---	---	48 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	165	22	13	THP06E2T-4.5L	---	---	58 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	110	22	13	THP06E2V-4.5L	---	---	58 x 25 x 85.5
1/4"	2.5	0.23	0	7	4	7	4	4	4	10	180	22	13	THP08E2T-2.5L	---	---	48 x 25 x 85.5
	2.5	0.23	0	13	13	13	13	7	7	10	110	22	13	THP08E2V-2.5L	---	---	48 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	165	22	13	THP08E2T-4.5L	---	---	58 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	110	22	13	THP08E2V-4.5L	---	---	58 x 25 x 85.5
3/8"	15	4.5	0.5	25	20	25	20	20	20	10	110	33	32	THP10E2V-15L	THP10E2V-15LS2	75 x 52 x 129	
	15	4.5	0.5	25	20	25	20	20	20	10	185	30	25	THP10E2T-15L	THP10E2T-15LS2	75 x 52 x 129	
1/2"	15	4.5	0.5	25	20	25	20	20	20	10	110	33	32	THP-15E2V	THP-15E2VS2	75 x 52 x 129	
	15	4.5	0.5	25	20	25	20	20	20	10	185	30	25	THP-15E2T	THP-15E2TS2	75 x 52 x 129	
3/4"	20	9.0	0.5	25	20	25	20	20	20	10	110	33	32	THP-20E2V	THP-20E2VS2	85 x 60 x 141	
	20	9.0	0.5	25	20	25	20	20	20	10	185	30	25	THP-20E2T	THP-20E2TS2	85 x 60 x 141	
1"	25	13	0.5	25	20	25	20	20	20	10	110	33	32	THP-25E2V	THP-25E2VS2	100 x 70 x 148	
	25	13	0.5	25	20	25	20	20	20	10	185	30	25	THP-25E2T	THP-25E2TS2	100 x 70 x 148	
1-1/4"	35	26	0.5	25	20	25	20	20	20	10	110	33	32	THP-35E2V	THP-35E2VS2	120 x 90 x 168	
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THP-35E2T	THP-35E2TS2	120 x 90 x 168	
1-1/2"	35	26	0.5	25	20	25	20	20	20	10	110	33	32	THP40E2V-35L	THP40E2V-35LS2	120 x 90 x 168	
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THP40E2T-35L	THP40E2T-35LS2	120 x 90 x 168	
2"	50	48	0.5	25	20	25	20	20	20	10	110	33	32	THP-50E2V	THP-50E2VS2	150 x 110 x 190	
	50	48	0.5	25	20	25	20	20	20	10	185	30	25	THP-50E2T	THP-50E2TS2	150 x 110 x 190	
Flange	25	13	0.5	25	20	25	20	20	20	10	110	33	32	THPFE2V-25LS2	THPFE2V-25LS2S	134 x 110 x 185	
	25	13	0.5	25	20	25	20	20	20	10	185	30	25	THPFE2T-25LS2	THPFE2T-25LS2S	134 x 110 x 185	
1-1/4"	35	26	0.5	25	20	25	20	20	20	10	110	33	32	THPFE2V-35LS2	THPFE2V-35LS2S	160 x 135 x 200	
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THPFE2T-35LS2	THPFE2T-35LS2S	160 x 135 x 200	
1-1/2"	35	26	0.5	25	20	25	20	20	20	10	110	33	32	THPFE2V-40LS2	THPFE2V-40LS2S	160 x 145 x 205	
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THPFE2T-40LS2	THPFE2T-40LS2S	160 x 145 x 205	
2"	50	45	0.5	25	20	25	20	20	20	10	110	33	32	THPFE2V-50LS2	THPFE2V-50LS2S	200 x 155 x 250	
	50	45	0.5	25	20	25	20	20	20	10	185	30	25	THPFE2T-50LS2	THPFE2T-50LS2S	200 x 155 x 250	

THP/THP-H Series 2/2 Solenoid Valve



Port Size	Orifice mm	CV Value	Pressure Difference (Bar)										Max. Temperature (°C)	Power		Model 220CAC 50/60HZ	
			Min. Pressure	Max. Working Pressure								VA		W			
				Air, Gas		Water, Hot Water, Liquid		Light Oil ≤20CST		Steam							
				AC	DC	AC	DC	AC	DC		AC/DC						
Brass		Stainless Steel															
1-1/4"	35	26	0.5	25	20	25	20	20			110	33	32	THP-35E2V	THP-35E2VS2		
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THP-35E2T	THP-35E2TS2		
1-1/2"	35	26	0.5	25	20	25	20	20	20		110	33	32	THP40E2V-35L	THP40E2V-35LS2		
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THP40E2T-35L	THP40E2T-35LS2		
2"	50	48	0.5	25	20	25	20	20	20		110	33	32	---	THP-50E2VS2		
	50	48	0.5	25	20	25	20	20	20	10	185	30	25	---	THP-50E2TS2		
1"	25	13	0.5	25	20	25	20	20	20		110	33	32	---	THP-25FE2VS2		
Flange	25	13	0.5	25	20	25	20	20	20	10	185	30	25	---	THP-25FE2TS2		
1-1/4"	35	26	0.5	25	20	25	20	20	20		110	33	32	---	THP-35FE2VS2		
Flange	35	26	0.5	25	20	25	20	20	20	10	185	30	25	---	THP-35FE2TS2		
1-1/2"	35	26	0.5	25	20	25	20	20	20		110	33	32	---	THP40FE2V-35LS2		
Flange	35	26	0.5	25	20	25	20	20	20	10	185	30	25	---	THP40FE2T-35LS2		
2"	50	45	0.5	25	20	25	20	20	20		110	33	32	---	THP-50FE2VS2		
Flange	50	45	0.5	25	20	25	20	20	20	10	185	30	25	---	THP-50FE2TS2		

THP-H Series 2/2 Solenoid Valve (Normal Open)



THP-15TE2H



THP-15TE2S2H

New

Teflon Seal

(G) Port size	Orifice (mm)	CV value	Pressure difference (Bar)					Max. temperature (°C)	Power		Model 220CAC 50/60HZ		
			Min. pressure	Max. working pressure			VA AC 220V		W DC 24V				
				Air, Gas	Water, Hot water, Liquid	Light oil ≤20CST				Steam			
Brass												Stainless steel 304	
3/8"	15	4.5	0.5	8	8	8	8	130	33	32	THP10E2T-15LH	THP10E2T-15LS2H	
	15	4.5	0.5	8	8	8	8	130	33	32	THP10E2T-15LHF	THP10E2T-15LS2HF	
1/2"	15	4.5	0.5	8	8	8	8	130	33	32	THP-15E2TH	THP-15E2TS2H	
	15	4.5	0.5	8	8	8	8	130	33	32	THP-15E2THF	THP-15E2TS2HF	
3/4"	20	9.0	0.5	8	8	8	8	130	33	32	THP-20E2TH	THP-20E2TS2H	
	20	9.0	0.5	8	8	8	8	130	33	32	THP-20E2THF	THP-20E2TS2HF	
1"	25	13	0.5	8	8	8	8	130	33	32	THP-25E2TH	THP-25E2TS2H	
	25	13	0.5	8	8	8	8	130	33	32	THP-25E2THF	THP-25E2TS2HF	
1-1/4"	35	26	0.5	6	6	6	6	130	33	32	THP-35E2TH	THP-35E2TS2H	
	35	26	0.5	6	6	6	6	130	33	32	THP-35E2THF	THP-35E2TS2HF	
1-1/2"	35	26	0.5	6	6	6	6	130	33	32	THP40E2T-35LH	THP40E2T-35LS2H	
	35	26	0.5	6	6	6	6	130	33	32	THP40E2T-35LHF	THP40E2T-35LS2HF	
1" Flange	25	13	0.5	8	8	8	8	130	33	32	-	THP-25FE2TS2H	
	25	13	0.5	8	8	8	8	130	33	32	-	THP-25FE2TS2HF	
1-1/4" Flange	35	26	0.5	6	6	6	6	130	33	32	-	THP-35FE2TS2H	
	35	26	0.5	6	6	6	6	130	33	32	-	THP-35FE2TS2HF	
1-1/2" Flange	35	26	0.5	6	6	6	6	130	33	32	-	THP40FE2T-35LS2H	
	35	26	0.5	6	6	6	6	130	33	32	-	THP40FE2T-35LS2HF	
2" Flange	50	48	0.5	6	6	6	6	130	33	32	-	THP-50FE2TS2H	
	50	48	0.5	6	6	6	6	130	33	32	-	THP-50FE2TS2HF	


US Series 2/2 High-Temperature Solenoid Valve (Normal Close)

US
How to Order?

US	--		--	10	--	E1
US Series		Blank: NBR V: VITON		Port Size 10: 3/8" 15: 1/2" 20: 3/4" 25: 1"		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V

Order example:

* US series, 2 position, 2 port, NBR seal, 3/8" port size, AC220V, Model: US-10E2

Specifications

* With Voltage AC220V

Model	US-10E2	US-15E2	US-20E2	US-25E2	US-35E2	US-40E2	US-50E2	Model	US-10E2	US-15E2	US-20E2	US-25E2	US-35E2	US-40E2	US-50E2
Working Medium	Air, Water, Steam							Working Pressure(Bar)	1~15						
Acting Type	Pilot Type							Max. Pressure Resistance(Bar)	23						
Type	Normal Close Type							Working Temperature Range(°C)	-5~180						
Orifice(mm)	17		22		30		50	Voltage Range	±10%						
Cv Value	5		12		20		48	Material of Valve Body	Brass						
Port Size	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	Seal Material	PTFE						
Fluid Viscosity	20 CST (Below)														

HUS Stainless Steel Series 2/2 High-Temperature Solenoid Valve (Normal Close)
How to Order?

HUS	--	10	--	T	--	E2	--	15L	--	S2
HUS SS316 Series	Port size 10: 3/8" 15: 1/2" 20: 3/4" 25: 1"	35: 1-1/4" 40: 1-1/2" 50: 2" F: Flange	Seal Material T: Teflon	Voltage E1: AC110V E2: AC220V E4: DC24V	Orifice(mm) 15L= 15.0 20L= 20.0 25L= 25.0 35L= 35.0 40L= 40.0 50L= 50.0	Valve Body S2: SS304	Cancel if same with port size			

Order example:

* HUS SS316 series, 2 position, 2 port, AC110V, 3/8" port size, Orifice: 15mm, Stainless Steel 304, Normal Close, Teflon Seal, Model: HUS10TE1-15LS2


HUS
Specifications

* With Voltage AC220V

Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)			Max. Temperature (°C)	Model 220CAC 50/60HZ
			Min. Pressure	Max. Working Pressure			
				Oil	Steam		
3/8"	15	4.5	0.5	16	16	250	HUS10TE2-15LS2
1/2"	15	4.5	0.5	16	16	250	HUS-15TE2S2
3/4"	20	8.0	0.5	16	16	250	HUS-20TE2S2
1"	25	12	0.5	16	16	250	HUS-25TE2S2
1-1/4"	35	22	0.5	16	16	250	HUS-35TE2S2
1-1/2"	35	22	0.5	16	16	250	HUS40TE2-35LS2
2"	50	45	0.5	16	16	250	HUS-50TE2S2
Flange 4 Port	25	12	0.5	16	16	250	HUSFTE2-25LS2
	32	22	0.5	16	16	250	HUSFTE2-32LS2
	40	22	0.5	16	16	250	HUSFTE2-40LS2
	50	45	0.5	16	16	250	HUSFTE2-50LS2

VX2120 Series 2/2 Solenoid Valve (Normal Close)

VX2120
How to Order?

VX2120	--		--	06	--	E1
VX2120 Series		Blank: NBR V: VITON		Port Size 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2"		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V

Order example:

* VX2120 series, 2 position, 2 port, NBR seal, 1/2" port size, voltage AC220V, Model: VX2120-15E2

Specifications

* With Voltage AC220V

Model	VX2120-06E2	VX2120-08E2	VX2120-10E2	VX2120-15E2
Working Medium	Air, Water, Steam			
Motion Pattern	Direct Drive Type			
Type	Normal Close Type			
Working pressure(Bar)	0~10			
Aperture of Flow Rate(mm)	3			
Port Size	1/8"	1/4"	3/8"	1/2"
Operating Temperature Range(°C)	-5~80(150 is optional)			
Seal Material	NBR(VITON is optional)			

EDF Series 2/2 Solenoid Valve (Normal Close)
How to Order?

EDF	--	15	--	E2
		15: 1/2" 20: 3/4" 25: 1" 35: 1-1/4" 40: 1-1/2" 50: 2" 65F: Flange 4 holes, Φ17.5 orifice, Φ145 hole distance 80F: Flange 4 holes, Φ17.5 orifice, Φ160 hole distance 100F: Flange 8 holes, Φ17.5 orifice, Φ180 hole distance 150F: Flange 8 holes, Φ22 orifice, Φ240 hole distance		Voltage E2: AC220V E4: DC24V
EDF: Brass Valve Body EDFS: Stainless Steel Valve Body				

Under water valve
The maximum
port size can
reach to 6"


EDF

EDFS
Order example:

* EDF Series, Brass Valve Body, 2 position, 2 port, Port Size: 1/2", Voltage: AC220V, Model: EDF-15E2

* EDFS Series, Stainless Steel Valve Body, 2 position, 2 port, Port Size: 1-1/4", Voltage: DC24V, Model: EDFS-35E4

Specifications

* With Voltage AC220V

Model	EDF-15E2	EDF-20E2	EDF-25E2	EDF-35E2	EDF-40E2	EDF-50E2
	EDF-65FE2	EDF-80FE2	EDF-100FE2	EDF-125FE2	EDF-150FE2	
	EDFS-15E2	EDFS-20E2	EDFS-25E2	EDFS-35E2	EDFS-40E2	EDFS-50E2
Working Medium	Water					
Working Pressure(Bar)	≤ Φ50(0-6) ≥ Φ65(0-5)					
Voltage Range	± 10%					
Working Temperature (°C)	-10~50					
Medium Temperature (°C)	0~60					
Power Consumption	220V 50Hz Power: AC 25W					
Insulation	B class					
Life	20 Million times					
Speed	≤ 0.2 Sec.					
Installation	Direction of the fluid is Following the arrow					

SLG Series 2/2 & 3/2 Solenoid Valve (Normal Close)

SLG
How to Order?

SLG	--		--	22	--	06	--	E1
SLG Series		Blank: NBR V: VITON		22: 2/2 23: 3/2		Port Size 06: 1/8" 08: 1/4"		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V

Order example:

* SLG series, 2 position, 2 port, NBR seal, 1/4" port size, voltage: AC220V, Model: SLG22-08E2

Specifications

* With Voltage AC220V

Model	SLG22-06E2	SLG22-08E2	SLG23-06E2	SLG23-08E2
Working Medium	Air, Water, Oil		Air	
Orifice(mm)			1.6	
Cv Value			0.1	
Port Size	1/8"	1/4"	1/8"	1/4"
Working Pressure(Bar)	0-15		0-9	
Voltage Range	± 10%			
Seal Material	NBR or VITON			

EQ Series 2/2 Solenoid Valve (Normal Close)
How to Order?

EQ	--	20	--	25
EQ Series		Orifice 20: 22mm 50: 50mm		Port Size 25: 1" 50: 2"

Order example:

* EQ series, 2 position, 2 port, Orifice: 22mm, 1" port size, Model: EQ20-25


EQ
Specifications

Model	EQ20-25	EQ50-50
Orifice(mm)	22	50
Cv Value	12	48
Port Size	1"	2"
Fluid Viscosity	50 CST Below	
Working Pressure(Bar)	0-7	
Max. Pressure Resistance(Bar)	11	
Control Pressure Range (Bar)	3-6	
Working Temperature Range(°C)	-5-100	
Material of Valve Body	Brass	
Seal Material	PTFE	
Control Port Size	2-G1/8"	2-G1/4"

EMCF Series 2/2 Pulse Valve (Normal Close)

How to Order?



EMCF-25

EMCF-50

EMCF	--	25	--	E1
EMCF Series	Orifice			
	25: 25mm			
	40: 40mm			
	50: 50mm			
	65: 65mm			
	76: 76mm			
				Voltage
				E1: AC110V
				E2: AC220V
				E4: DC24V

Order example:

* EMCF series, Orifice: 25mm, Voltage: AC220V, Model: EMCF-25E2

Specifications

* With Voltage AC220V

Model	EMCF-25E2	EMCF-40E2	EMCF-50E2	EMCF-65E2	EMCF-76E2
Working Pressure(Bar)	4-6				
Working Temperature(°C)	-10~55				
Relative Humidity	<85%				
Working Medium	clean air				
Voltage	AC220V/DC24V				
Diaphragm Life	over one 1,000,000 cycles				
Orifice	φ25	φ40	φ50	φ65	φ76
Port Size	1"	1-1/2"	2"	2-1/2"	3"

EMCYF Series 2/2 Pulse Valve (Normal Close)

How to Order?

EMCYF	--	50	--	E1
EMCYF Series		Orifice		Voltage
		50: 50mm		E1: AC110V
		62: 62mm		E2: AC220V
		76: 76mm		E4: DC24V



EMCYF-50

Order example:

* EMCYF series, Orifice: 50mm, Voltage: AC220V, Model: EMCYF-50E2

Specifications

* With Voltage AC220V

Model	EMCYF-50E2	EMCYF-62E2	EMCYF-76E2
Working Pressure(Bar)	2~6		
Working Temperature(°C)	-10~55		
Relative Humidity	<85%		
Working Medium	clean air		
Voltage	AV220V/DC24V		
Diaphragm Life	over one million cycles		
Orifice	φ50	φ62	φ76
Port Size	φ65	φ80	φ99


SLG5404 Series 2/2 Solenoid Valve (Normal Close)

How to Order?

SLG5404 -- 15 -- E1 -- D

SLG5404 Series Port Size Voltage Blank: Flying leads Type
 15: 1/2" E1: AC110V D: DIN Connector
 20: 3/4" E2: AC220V
 25: 1" E3: AC380V
 E5: DC12V
 E7: AC24V

Order example:

* SLG5404 series, 1/2" port size, flying leads coil, voltage: AC220V, Model: SLG5404-15E2

Specifications

* With Voltage AC220V

Model	SLG5404-15E2	SLG5404-20E2	SLG5404-25E2
Working Medium	Air, Water, Oil		
Acting Type	Pilot Type		
Orifice(mm)	12	20	25
Cv Value	2	5	10
Port Size	1/2"	3/4"	1"
Working Pressure(Bar)	GAS:1-50, Liquid:1-50	GAS:1-40, Liquid:1-25	GAS:1-40, Liquid:1-25
Max. Pressure Resistance(Bar)	75	60	
Working Temperature Range(°C)	-10~150		
Power Consumption	AC:5.5VA, DC:9W		
Material of Valve Body	Brass		
Seal Material	PTFE		

EMB23-024 Series 3/2 Direct Acting Solenoid Valve (Normal Close)
How to Order?

EMB23 -- 024 -- E2

EMB Series Orifice Voltage
 2.4mm E2: AC220V
 E4: DC24V

Order example:

* EMB 3/2 direct acting series, 2.4mm orifice, voltage D24V. Model: EMB23-024-E4


Specifications

Model	EMB23-024
Working Medium	Air
Acting Type	Direct acting type
Type	3/2 Normal open type
Orifice(mm)	2.4
Working Pressure(Bar)	0~10
Working Temperature Range(°C)	-5~80
Power Consumption	AC:220V, DC:24V
Material of Valve Body	Brass
Seal Material	NBR

EMC Series 2/2 Direct Acting Solenoid Valve (Normal Close)

How to Order?

EMC22	--	001	--	06	--	A	--	E2
EMC Series		Orifice		Port Size		Valve Body(BxD)		Voltage
		001: 1mm		06: 1/8"		A: 20x25mm		E2: AC220V
		002: 2mm		08: 1/4"		B: 32x32mm		E4: DC24V
		003: 3mm		10: 3/8"		C: 32x46mm		
		004: 4mm		15: 1/2"				
		005: 5mm						
		006: 6mm						

Order example:

* EMC 2/2 Direct Acting series, 1/8" port size, Orifice: 1mm, Valve Body: 20x25mm, Voltage: AC220V, Model: EMC22001-06AE2



EMC22

Specifications

Model	Orifice(mm)	Port Size	Working Pressure(Bar) *	KV(m ³ /h)	Temperature(°C)	Temperature(°C)
EMC22001-06AE2	1	1/8	0-8	0.02	-10 ⁺ +50	-10 ⁺ +80
EMC22002-06AE2	2	1/8	0-6	0.08		
EMC22001-06BE2	1	1/8	0-4	0.02		
EMC22002-06BE2	2	1/8	0-25	0.08		
EMC22003-06BE2	3	1/8	0-10	0.16		
EMC22003-08CE2	3	1/4	0-10	0.16		
EMC22004-08CE2	4	1/4	0-6	0.25		
EMC22005-08CE2	5	1/4	0-3	0.32		
EMC22006E2-08/10/15	6	1/4 1/2	0-2	0.54		

* With Voltage AC220V, When Voltage is Changing, the Working Pressure Will Change

EMC Series 3/2 Direct Acting Solenoid Valve (Normal Close)

How to Order?

EMC	--	23	--	001	--	06	--	B	--	E2
EMC Series		23: 3/2		Orifice		Port Size		Valve Body(LxL)		Voltage
				001: 1.5mm		06: 1/8"		B: 32x32mm		E2: AC220V
				002: 2mm		08: 1/4"		C: 32x46mm		E4: DC24V
				003: 2.5mm		M: Sub-Plate mounting				
				1501: 1.5mm						
				1502: 2mm						

Order example:

* EMC 3/2 Smart Direct Acting series, 1/8" port size, Orifice: 1.5mm, Valve Body: 32x32mm, Voltage: AC220V, Model: EMC23001-06BE2



EMC23

Specifications

Model	Orifice(mm)	Port Size(G)	Working Pressure(Bar) *	Kv	Working Temperature(°C)	Medium Temperature(°C)
EMC23001-06BE2	1.5	1/8	0-16	0.02	-10 ⁺ +50	-10 ⁺ +80
EMC23002-06BE2	2	1/8	0-10	0.08		
EMC23003-06BE2	2.5	1/8	0-6	0.16		
EMC23001-08CE2	1.5	1/4	0-16	0.02		
EMC23002-08CE2	2	1/4	0-10	0.08		
EMC23003-08CE2	2.5	1/4	0-6	0.16		
EMC231501-MBE2	1.5	Panel Mounting	0-16	0.02		
EMC231502-MBE2	2	Panel Mounting	0-10	0.08		

* With Voltage AC220V, When Voltage is Changing, the Working Pressure Will Change


EMC Series 2/2 Pilot-Diaphragm Solenoid Valve (Normal Close, Normal open)
How to Order?

EMC -- **008B** -- -- **E2**
 EMC Series Port Size 025B: 1" Blank: Normal Close Voltage
 008B: 1/4" 032B: 1-1/4" H: Normal Open E2: AC220V
 010B: 3/8" 040B: 1-1/2" E4: DC24V
 015B: 1/2" 050B: 2"

Order example:

* EMC 2/2 Pilot-Diaphragm series, 1/4" port size, normal close, voltage AC220V, Model: EMC008BE2


EMC008B

EMC1040B
Specifications

Model	Orifice(mm)	Port Size	Working Pressure(Bar) *	KV(m ³ /h)	Temperature	Temperature
EMC008BE2	10	1/4"	0.3-10	1.4	-10 ⁺ +50°C	-10 ⁺ +80°C
EMC010BE2	10	3/8"	0.3-10	1.4		
EMC015BE2	10	1/2"	0.3-10	1.4		
EMC015-14BE2 / EMC015-14BH2	14	1/2"	0.3-10	2.52		
EMC020BE2/EMC020BH2	14	3/4"	0.3-10	2.52		
EMC020-20BE2/EMC020-20BH2	20	3/4"	0.3-10	5.0		
EMC025BE2/EMC025BH2	20	1"	0.3-10	5.0		
EMC032BE2/EMC032BH2	40	1-1/4"	0.7-16	18		
EMC040BE2/EMC040BH2	40	1-1/2"	0.7-16	18		
EMC050BE2/EMC050BH2	50	2"	0.7-16	28		

* In Order to Make the Valve Open and Close Completely, there should be at least 0.7 Bar Pressure difference

EMC Series 2/2 Step Direct Acting Diaphragm Solenoid Valve (Normal Close)
How to Order?

EMC -- **008** -- **E2**
 EMC Series Port Size Voltage
 008: 1/4" E2: AC220V
 010: 3/8" E4: DC24V
 015: 1/2"
 020: 3/4"
 025: 1"

Order example:

* EMC 2/2 Step Direct Acting Diaphragm Series, 1/4" port size, Normal Close, Voltage: AC220V, Model: EMC008E2


EMC008
Specifications

Model	Orifice(mm)	Port Size	Working Pressure(Bar) *	KV(m ³ /h)	Temperature	Temperature
EMC008E2	10	1/4"	0-10	1.4	-10 ⁺ +50°C	-10 ⁺ +80°C
EMC010E2	10	3/8"	0-10	1.4		
EMC015E2	10	1/2"	0-10	1.4		
EMC015-14E2	14	1/2"	0-10	2.52		
EMC020E2	14	3/4"	0-10	2.52		
EMC020-20E2	20	3/4"	0-10	5.0		
EMC025E2	20	1"	0-10	5.0		

* In Order to Make the Valve Open and Close Completely, there should be at least 0.5 Bar Pressure difference

EMCS Series 2/2 Pilot-Diaphragm Solenoid Valve (Normal Close, Normal Open)



EMCS015B



EMCS032

How to Order?

EMCS -- 008B -- E2

EMCS Stainless Steel Series Port Size
008B: 1/4" 025: 1"
010B: 3/8" 032: 1-1/4"
015B: 1/2" 040: 1-1/2"
020: 3/4" 050: 2"

Blank: Normal Close
H: Normal Open

Voltage
E2: AC220V
E4: DC24V

Order example:

* EMCS 2/2 step diaphragm series, 1/4" port size, Normal close, Voltage: AC220V, Model: EMCS008E2

Specifications

Model	Orifice(mm)	Port Size	Working Pressure(Bar) *	KV(m ³ /h)	Temperature(°C)	Temperature(°C)
EMCS008BE2	10	1/4	0.3~10	1.4	-10~+50	-10~+80
EMCS010BE2	10	3/8	0.3~10	1.4		
EMCS015BE2	10	1/2	0.3~10	1.4		
EMCS015-14BE2	14	1/2	0.3~10	5.0		
EMCS020BE2	14	3/4	0.3~10	5.0		
EMCS025E2	22	1	0~10	6.4		
EMCS032BE2/ EMCS032BHE2	40	1-1/4	0.5~16	18.0	-10~+50	-10~+80
EMCS040BE2/ EMCS040BHE3	40	1-1/2	0.5~16	18.0		
EMCS050BE2/ EMCS050BHE4	50	2	0.5~16	24.0		

* In Order to Make the Valve Open and Close Completely, there should be at least 0.7 Bar Pressure difference

EGV Series 2/2 Gas Solenoid Valve (Normal Close)

How to Order?

EGV -- 06 -- -- E2 -- 3L

EGV Series Port Size
06: 1/8" 25: 1"
08: 1/4" 35: 1-1/4"
10: 3/8" 40: 1-1/2"
15: 1/2" 50: 2"
20: 3/4" F: Flange

Seal Material
Blank: NBR
V: VITON

Voltage
E1: AC110V
E2: AC220V
E4: DC24V
E5: DC12V
E6: AC36V
E7: AC24V

Orifice(mm)
3L= 3.0 25L=25
5L=5.0 32L=32
6L= 6.0 40L=40
7.5L=7.5 50L=50
10L=10.0 65L=65
15L=15 80L=80
20L=20 100L=100



EGV

Order example:

* EGV series, 2 position, 2 port, AC110V, 1/8" port size, orifice 3mm, normal close, NBR Seal, Model: EGV06E1N-3Lz

Specifications

Orifice	3	5	6	7.5	10	15	20	25	32	40	50	40F	50F	65F	80F	100F
Port Size	1/8" 1/4"	1/8" 1/4" 3/8" 1/2"	3/8" 1/2"	3/8" 1/2"	3/8" 1/2"	1/2" 3/4" 1"	1-1/4"	1-1/2"	2"	4-Φ17.5	4-Φ17.5	4-Φ17.5	4-Φ17.5	4-Φ17.5	4-Φ17.5	4-Φ17.5
CV Value	0.3	0.6	0.7	1.0	1.7	4.6	7.6	12	20	28	46	28	46	75	90	160
Max. Working Pressure(Bar)	3	5	2.5	0.5	0.3	2.5				1.0					0.6	
Working Medium	Gas, Air, Neutral Liquid															
Seal Material	NBR VITON															
Medium Temperature(°C)	-5°C ~ 60°C															
Voltage	AC:220V 110V 36V 24V DC:24V 12V															
Power	15W				30W				50W							


EV Series 3/2 Direct Acting Solenoid Valve (Normal Close)

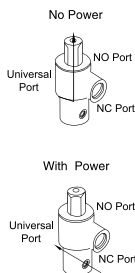
EV1/EV3/EV5 Series

EV2/EV4 Series
How to Order?

EV	--	1	--	06	--		--	E1	--	1.5L	--		--	D
EV 3/2 Series				Port Size 06: 1/8" 08: 1/4"		Seal Material Blank: NBR V: VITON E: EPDM		Voltage E1: AC110V E2: AC220V E4: DC24V E5: DC12V E7: AC24V		Orifice Φ mm 1.5L=1.5 x 1.2 2L=2.0 x 1.2 2.5L=2.5 x 1.2 3L=3.0 x 1.2		Valve body Material Blank: Brass S2: Stainless Steel 304		Coil Type D: DIN Type(For Type:EV1, EV3,EV5) F: Flying Leads(For Type:EV2, EV4) S: Nass Coil(For Type:EV1, EV3,EV5)
		Control style 1: Normal Close 2: Normal Open 3: Directional Type 4: Universal Type 5: Normal Close(Auto Exhausting) Type												

Order example:

* EV series, 2 position, 3 port, directional type, AC110V, 1/8" port size, orifice: 3mm, brass valve body, NBR Seal, Model: EV3-06E1-3LD
 * EV series, 2 position, 3 port, normal open, AC220V, 1/4" port size, orifice: 1.5mm, stainless steel valve body, VITON Seal, Model: EV2-08VE2-1.5LS2F

Specifications


Joint Size	Orifice (mm)		CV Value		Pressure Difference (Bar)									Power		Model	
					Min. Pressure	Max. Working Pressure						VA		W	220VAC 50/60Hz NBR Seal		
	Body Top		Body Top			Air, Gas		Water, Liquid		Light Oil ≤20CST		AC 220	DC 24V	Valve Body Material			
						AC	DC	AC	DC	AC	DC			Brass	SS304		
1/8"	1.5	1.2	0.07	0.05	0	8	5	8	5	8	5	22	13	EV1-06E2-1.5LD	EV1-06E2-1.5LS2D		
	2.0	1.2	0.14	0.05	0	6	5	6	5	6	5	22	13	EV1-06E2-2.0LD	EV1-06E2-2.0LS2D		
	2.5	1.2	0.21	0.05	0	5	4	5	4	5	4	22	13	EV1-06E2-2.5LD	EV1-06E2-2.5LS2D		
	3.0	1.2	0.23	0.05	0	4	3	4	3	4	3	22	13	EV1-06E2-3.0LD	EV1-06E2-3.0LS2D		
1/4"	1.5	1.2	0.07	0.05	0	8	5	8	5	8	5	22	13	EV1-08E2-1.5LD	EV1-08E2-1.5LS2D		
	2.0	1.2	0.14	0.05	0	6	5	6	5	6	5	22	13	EV1-08E2-2.0LD	EV1-08E2-2.0LS2D		
	2.5	1.2	0.21	0.05	0	5	4	5	4	5	4	22	13	EV1-08E2-2.5LD	EV1-08E2-2.5LS2D		
	3.0	1.2	0.23	0.05	0	4	3	4	3	4	3	22	13	EV1-08E2-3.0LD	EV1-08E2-3.0LS2D		

EV Series Solenoid Valve

No Power

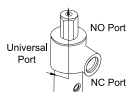


With Power



Joint Size	Orifice (mm)		CV Value		Pressure Difference (Bar)						Power		Model		
					Min. Pressure	Max. Working Pressure				VA	W	220VAC 50/60Hz NBR Seal			
	Air, Gas	Water, Liquid	Light Oil ≤20CSTT			AC 220V	DC 24V	Valve Body Material							
			AC	DC				AC	DC	Brass	SS304				
1/8"	1.5	1.2	0.07	0.05	0	6	3	6	3	6	3	22	13	EV2-06E2-1.5LF	EV2-06E2-1.5LS2F
	2.0	1.2	0.14	0.05	0	6	3	6	3	6	3	22	13	EV2-06E2-2.0LF	EV2-06E2-2.0LS2F
	2.5	1.2	0.21	0.05	0	4	2	4	2	4	2	22	13	EV2-06E2-2.5LF	EV2-06E2-2.5LS2F
	3.0	1.2	0.23	0.05	0	4	2	4	2	4	2	22	13	EV2-06E2-3.0LF	EV2-06E2-3.0LS2F
1/4"	1.5	1.2	0.07	0.05	0	6	3	6	3	6	3	22	13	EV2-08E2-1.5LF	EV2-08E2-1.5LS2F
	2.0	1.2	0.14	0.05	0	6	3	6	3	6	3	22	13	EV2-08E2-2.0LF	EV2-08E2-2.0LS2F
	2.5	1.2	0.21	0.05	0	4	2	4	2	4	2	22	13	EV2-08E2-2.5LF	EV2-08E2-2.5LS2F
	3.0	1.2	0.23	0.05	0	4	2	4	2	4	2	22	13	EV2-08E2-3.0LF	EV2-08E2-3.0LS2F

No Power

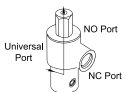


With Power



Joint Size	Orifice (mm)		CV Value		Min. Pressure	Pressure Difference (Bar)						Power		Model	
						Max. Working Pressure						VA	W	220VAC	50/60Hz NBR Seal
	Body	Top	Body	Top		Air, Gas		Water, Liquid		Light Oil ≤20CSTT		AC 220	DC 24V	Valve Body Material	
						AC	DC	AC	DC	AC	DC			Brass	SS304
						AC	DC	AC	DC	AC	DC				
1/8"	1.5	1.2	0.07	0.05	0	12	8	12	8	12	8	22	13	EV3-06E2-1.5LD	EV3-06E2-1.5LS2D
	2.0	1.2	0.14	0.05	0	10	7	10	7	10	7	22	13	EV3-06E2-2.0LD	EV3-06E2-2.0LS2D
	2.5	1.2	0.21	0.05	0	8	6	8	6	8	6	22	13	EV3-06E2-2.5LD	EV3-06E2-2.5LS2D
	3.0	1.2	0.23	0.05	0	7	5	7	5	7	5	22	13	EV3-06E2-3.0LD	EV3-06E2-3.0LS2D
1/4"	1.5	1.2	0.07	0.05	0	12	8	12	8	12	8	22	13	EV3-08E2-1.5LD	EV3-08E2-1.5LS2D
	2.0	1.2	0.14	0.05	0	10	7	10	7	10	7	22	13	EV3-08E2-2.0LD	EV3-08E2-2.0LS2D
	2.5	1.2	0.21	0.05	0	8	6	8	6	8	6	22	13	EV3-08E2-2.5LD	EV3-08E2-2.5LS2D
	3.0	1.2	0.23	0.05	0	7	5	7	5	7	5	22	13	EV3-08E2-3.0LD	EV3-08E2-3.0LS2D

No Power

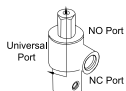


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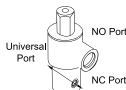


Joint Size	Orifice (mm)		CV Value		Min. Pressure	Pressure Difference (Bar)						Power		Model 220VAC 50/60Hz NBR Seal	
						Max. Working Pressure						VA	W		
	Body	Top	Body	Top		Air, Gas	Water, Liquid	Light Oil ≤20CSTT		AC 220	DC 24V	Valve Body Material			
						AC	DC	AC	DC	AC	DC	Brass	SS304		
1/8"	1.5	1.2	0.07	0.05	0	6	4	6	4	6	4	22	13	EV4-06E2-1.5LF	EV4-06E2-1.5LS2F
	2.0	1.2	0.14	0.05	0	5	3.5	5	3.5	5	3.5	22	13	EV4-06E2-2.0LF	EV4-06E2-2.0LS2F
	2.5	1.2	0.21	0.05	0	4	3	4	3	4	3	22	13	EV4-06E2-2.5LF	EV4-06E2-2.5LS2F
	3.0	1.2	0.23	0.05	0	3.5	2.5	3.5	2.5	3.5	2.5	22	13	EV4-06E2-3.0LF	EV4-06E2-3.0LS2F
1/4"	1.5	1.2	0.07	0.05	0	6	4	6	4	6	4	22	13	EV4-08E2-1.5LF	EV4-08E2-1.5LS2F
	2.0	1.2	0.14	0.05	0	5	3.5	5	3.5	5	3.5	22	13	EV4-08E2-2.0LF	EV4-08E2-2.0LS2F
	2.5	1.2	0.21	0.05	0	4	3	4	3	4	3	22	13	EV4-08E2-2.5LF	EV4-08E2-2.5LS2F
	3.0	1.2	0.23	0.05	0	3.5	2.5	3.5	2.5	3.5	2.5	22	13	EV4-08E2-3.0LF	EV4-08E2-3.0LS2F

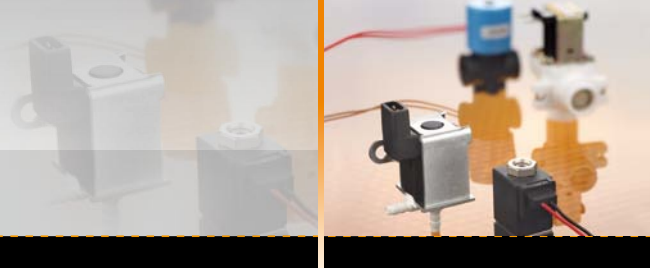
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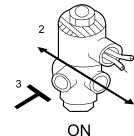
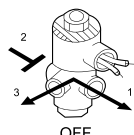
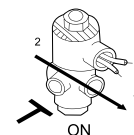
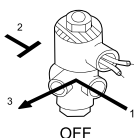
With Power



Joint Size	Orifice (mm)		CV Value		Min. Pressure	Pressure Difference (Bar)						Power		Model 220VAC 50/60Hz NBR Seal	
						Max. Working Pressure						VA	W		
	Body	Top	Body	Top		Air, Gas		Water, Liquid		Light Oil ≤20CSTT		AC 220	DC 24V	Valve Body Material	
						AC	DC	AC	DC	AC	DC	AC	DC		
1/8"	1.5	1.2	0.07	0.05	0	8	5	8	5	8	5	22	13	EV5-06E2-1.5LD	EV5-06E2-1.5LS2D
	2.0	1.2	0.14	0.05	0	6	5	6	5	6	5	22	13	EV5-06E2-2.0LD	EV5-06E2-2.0LS2D
	2.5	1.2	0.21	0.05	0	5	4	5	4	5	4	22	13	EV5-06E2-2.5LD	EV5-06E2-2.5LS2D
	3.0	1.2	0.23	0.05	0	4	3	4	3	4	3	22	13	EV5-06E2-3.0LD	EV5-06E2-3.0LS2D
1/4"	1.5	1.2	0.07	0.05	0	8	5	8	5	8	5	22	13	EV5-08E2-1.5LD	EV5-08E2-1.5LS2D
	2.0	1.2	0.14	0.05	0	6	5	6	5	6	5	22	13	EV5-08E2-2.0LD	EV5-08E2-2.0LS2D
	2.5	1.2	0.21	0.05	0	5	4	5	4	5	4	22	13	EV5-08E2-2.5LD	EV5-08E2-2.5LS2D
	3.0	1.2	0.23	0.05	0	4	3	4	3	4	3	22	13	EV5-08E2-3.0LD	EV5-08E2-3.0LS2D

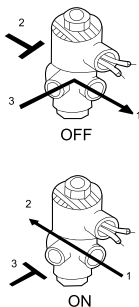


ESV	--	1	--	06	--	E1	--		--		--	1.5L	--	
ESV 3/2 Series		Control style 1: Normal Close 2: Normal Open 3: Universal		Port Size 06: 1/8" 08: 1/4"		Voltage E1: AC110V E2: AC220V E4: DC24V E5: DC12V E7: AC24V		Coil Type Blank: DIN Type F: Flying Leads		Seal Material Blank: NBR V: VITON E: EPDM		Orifice Ø mm 1.5L: 1.5 2L: 2.0 3L: 3.0 4L: 4.0 5L: 5.0		Valve body Material Blank: Brass S2: SS304



Joint Size	Orifice (mm)	CV Value	Pressure Difference (Bar)						Max. Temperature (°C)	Power		Model 220VAC 50/60Hz	
			Min. Pressure	Max. Working Pressure				AC 220V		DC 24V			
				Air, Gas, Water, Hot Water, Liquid		Light Oil ≤20CST							
				AC	DC	AC	DC						
Brass												SS304	
3	1.5	0.07	0	13	11	13	11	80	22	13	ESV1-06E2-1.5L	ESV1-06E2-1.5LS2	
	1.5	0.07	0	13	11	13	11	120	22	13	ESV1-06VE2-1.5L	ESV1-06VE2-1.5LS2	
	2.0	0.14	0	11	9	11	9	80	22	13	ESV1-06E2-2.0L	ESV1-06E2-2.0LS2	
	2.0	0.14	0	11	9	11	9	120	22	13	ESV1-06VE2-2.0L	ESV1-06VE2-2.0LS2	
	2.5	0.21	0	9	7	9	7	80	22	13	ESV1-06E2-2.5L	ESV1-06E2-2.5LS2	
	2.5	0.21	0	9	7	9	7	120	22	13	ESV1-06VE2-2.5L	ESV1-06VE2-2.5LS2	
1/4"	3.0	0.25	0	6	4	6	4	80	22	13	ESV1-06E2-3.0L	ESV1-06E2-3.0LS2	
	3.0	0.25	0	6	4	6	4	120	22	13	ESV1-06VE2-3.0L	ESV1-06VE2-3.0LS2	
	1.5	0.07	0	13	11	13	11	80	22	13	ESV1-08E2-1.5L	ESV1-08E2-1.5LS2	
	1.5	0.07	0	13	11	13	11	120	22	13	ESV1-08VE2-1.5L	ESV1-08VE2-1.5LS2	
	2.0	0.14	0	11	9	11	9	80	22	13	ESV1-08E2-2.0L	ESV1-08E2-2.0LS2	
	2.0	0.14	0	11	9	11	9	120	22	13	ESV1-08VE2-2.0L	ESV1-08VE2-2.0LS2	
1/4"	2.5	0.21	0	9	7	9	7	80	22	13	ESV1-08E2-2.5L	ESV1-08E2-2.5LS2	
	2.5	0.21	0	9	7	9	7	120	22	13	ESV1-08VE2-2.5L	ESV1-08VE2-2.5LS2	
	3.0	0.25	0	6	4	6	4	80	22	13	ESV1-08E2-3.0L	ESV1-08E2-3.0LS2	
	3.0	0.25	0	6	4	6	4	120	22	13	ESV1-08VE2-3.0L	ESV1-08VE2-3.0LS2	

Joint Size	Orifice (mm)	CV Value	Pressure Difference (Bar)						Max. Temperature (°C)	Power		Model 220VAC 50/60Hz	
			Min. Pressure	Max. Working Pressure				VA		W			
				Air, Gas Water, Hot Water, Liquid		Light Oil ≤20CST							
				AC	DC		AC				DC		
													AC
Brass												SS304	
1/8"	1.5	0.07	0	7	5	7	5	80	22	13	ESV3-06E2-1.5L	ESV3-06E2-1.5LS2	
	1.5	0.07	0	7	5	7	5	120	22	13	ESV3-06VE2-1.5L	ESV3-06VE2-1.5LS2	
	2.0	0.14	0	5	4	5	4	80	22	13	ESV3-06E2-2.0L	ESV3-06E2-2.0LS2	
	2.0	0.14	0	5	4	5	4	120	22	13	ESV3-06VE2-2.0L	ESV3-06VE2-2.0LS2	
1/4"	1.5	0.07	0	7	5	7	5	80	22	13	ESV3-08E2-1.5L	ESV3-08E2-1.5LS2	
	1.5	0.07	0	7	5	7	5	120	22	13	ESV3-08VE2-1.5L	ESV3-08VE2-1.5LS2	
	2.0	0.14	0	5	4	5	4	80	22	13	ESV3-08E2-2.0L	ESV3-08E2-2.0LS2	
	2.0	0.14	0	5	4	5	4	120	22	13	ESV3-08VE2-2.0L	ESV3-08VE2-2.0LS2	



Joint Size	Orifice (mm)	CV Value	Pressure Difference (Bar)						Max. Temperature (°C)	Power		Model 220VAC 50/60Hz
			Min. Pressure	Max. Working Pressure				AC 220V		DC 24V		
				Air, Gas, Water, Hot Water, Liquid								
				Light Oil ≤20CST								
				AC	DC	AC	DC					
1/8"	1.5	0.07	0	13	11	13	11	80	22	13	ESV2-06E2-1.5L	ESV2-06E2-1.5LS2
	1.5	0.07	0	13	11	13	11	120	22	13	ESV2-06VE2-1.5L	ESV2-06VE2-1.5LS2
	2.0	0.14	0	11	9	11	9	80	22	13	ESV2-06E2-2.0L	ESV2-06E2-2.0LS2
	2.0	0.14	0	11	9	11	9	120	22	13	ESV2-06VE2-2.0L	ESV2-06VE2-2.0LS2
	2.5	0.21	0	9	7	9	7	80	22	13	ESV2-06E2-2.5L	ESV2-06E2-2.5LS2
	2.5	0.21	0	9	7	9	7	120	22	13	ESV2-06VE2-2.5L	ESV2-06VE2-2.5LS2
	3.0	0.25	0	6	4	6	4	80	22	13	ESV2-06E2-3.0L	ESV2-06E2-3.0LS2
	3.0	0.25	0	6	4	6	4	120	22	13	ESV2-06VE2-3.0L	ESV2-06VE2-3.0LS2
1/4"	1.5	0.07	0	13	11	13	11	80	22	13	ESV2-08E2-1.5L	ESV2-08E2-1.5LS2
	1.5	0.07	0	13	11	13	11	120	22	13	ESV2-08VE2-1.5L	ESV2-08VE2-1.5LS2
	2.0	0.14	0	11	9	11	9	80	22	13	ESV2-08E2-2.0L	ESV2-08E2-2.0LS2
	2.0	0.14	0	11	9	11	9	120	22	13	ESV2-08VE2-2.0L	ESV2-08VE2-2.0LS2
	2.5	0.21	0	9	7	9	7	80	22	13	ESV2-08E2-2.5L	ESV2-08E2-2.5LS2
	2.5	0.21	0	9	7	9	7	120	22	13	ESV2-08VE2-2.5L	ESV2-08VE2-2.5LS2
	3.0	0.25	0	6	4	6	4	80	22	13	ESV2-08E2-3.0L	ESV2-08E2-3.0LS2
	3.0	0.25	0	6	4	6	4	120	22	13	ESV2-08VE2-3.0L	ESV2-08VE2-3.0LS2

EWSLC Series 2/2 Direct Acting Solenoid Valve (Normal Close)

For Drinking Fountain



EWSLC1



EWSLC2

How to Order?

EWSLC -- 1 -- E1

EWSLC Series

1: 1/8" Port Size 2.5mm Orifice
2: 1/4" Port Size 2.5mm Orifice

Voltage
E1: AC11V
E2: AC22
E4: DC24
E7: AC24

Order example:

* EWSLC1 Series, 1/8" Port Size, Orifice: 2.5mm, AC220V, Model: EWSLC1E2

Specifications

Model	EWSLC1E2	EWSLC2E2
Working Medium	Water	
Acting Type	Direct Acting	
Type	2/2 Normal Close	
Orifice	2.5(3/32)	
Cv Value	0.21	
Port Size	1/8"	1/4"
Working Pressure(Bar)	0-8	
Temperature(°C)	0-80	
Medium Temperature(°C)	-10 40	
Seal Material	EPDM	
Valve Body	PP 1/8(Black) 1/4(White) Nylon66	

EWSLC Series 2/2 Direct Acting Solenoid Valve (Normal Close)

For Drinking Fountain



EWSLC3

EWSLC4

How to Order?

EWSLC

EWSL Series

3

3: 8mm Orifice
4: 9mm Orifice

E4

Voltage
E4: DC24V
E5: DC12V

Order example:

* EWSLC Series, Orifice: 8mm, DC24V, Model: EWSLC3E4

Specifications

Model	EWSLC3E4	EWSLC4E4
Working Medium	Water	
Acting Type	Direct Acting	
Type	2/2 Normal Close	
Orifice	8	9
Port Size	12	
Working Pressure(Bar)	0~0.06	
Working Temperature(°C)	0~80	
Ambient Temperature(°C)	-10~40	
Seal Material	Silicon Rubber	
Valve Body	PP	

23JVD Series Smart Solenoid Valve
How to Order?

23

3/2

JVD

Stop Type

□

Connction:
Blank: Sub-plate
Mount

1.6

Orifice
1.6: 1.6mm

□

Blank: Normal Close
H: Normal Open

L: Joint Pipe Type
Z: Z Series Mounting


23JVD-1.6L



23JVD-1.6



23JVD-Z1.6H

Order example:

* 23JVD series, Sub-Plate Mounting, Orifice: 1.6mm, Normal Close, Model: 23JVD-1.6

Specifications

Effective Section Area(mm ²)		0.5
Working Pressure(Bar)		0~10
Working Temperature(°C)		-5~40
Medium Temperature(°C)		-5~50
Directional Duration(S)		≤0.03
Directional Fluctuate(%)		-15~10
Life Cycle		≥5,000,000
Voltage(V)	AC	380 220 110 36 24
	DC	110 48 24 12

K23JD Series 3/2 Single Acting Solenoid Valve

K23JD-10
How to Order?

K	--	23	--	J	--	D	--		--		--		--	E2
K Series		3/2	Stop Type	Single Coil		Blank: panel mounting F: flange type		Port size		Blank: Normal close H: Normal open		Voltage		E2: AC220V E4: DC24V E5: DC12V E6: AC36V
								06: G1/8" 08: G1/4" 10: G3/8" 15: G1/2" 20: G3/4" 25: G1"		32: G1-1/4" 40: G1-1/2" 50: G2"				

Order example:

* K series, 3 port, 2 position, Stop type, single coil, panel mounting, port size: G1/8", normal close, AC220V, model No.: K23JD-06E2

Specifications

Model	K23JD-6(H)	K23JD-8(H)	K23JD-10(H)	K23JD-15(H)	K23JD-20(H)	K23JD-25(H)	K23JD-32(H)	K23JD-40(H)	K23JD-50(H)
Working medium	Clean air								
Acting type	Pilot acting type								
Effective section area(mm²)	10	20	40	60	110	190	300	400	650
Port size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Working presure (Bar)	1.5-8								
Guaranteed pressure(Bar)	12								
Voltage range	-15 ~ 10%								
Working temperature (°C)	-5 ~50								
Life cycle	≥ 2,000,000		≥ 1,500,000				≥ 500,000		
Valve body material	Aluminum								
Seal material	NBR								

K25JD Series 5/2 Single Acting Solenoid Valve
How to Order?

K	--	25	--	J	--	D	--		--	E2
K Series		5/2	Stop Type	Single Coil		Port size		Voltage		E2: AC220V E4: DC24V E5: DC12V E6: AC36V
						6: G1/8" 8: G1/4" 10: G3/8" 15: G1/2"	20: G3/4" 25: G1"			


K25JD-15

Order example:

* K series, 5 port, 2 position, Stop type, single coil, port size: G1", AC220V, model: K25JD-25E2

Specifications

Model	K25JD-6	K25JD-8	K25JD-10	K25JD-15	K25JD-20	K25JD-25
Working medium	Clean air					
Acting type	Pilot acting type					
Effective section area(mm ²)	10	20	40	60	110	190
Port size	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Working pressure (Bar)	1.5-8					
Guaranteed pressure(Bar)	12					
Voltage range	-15 ~ 10%					
Working temperature (°C)	-5 ~ 50					
Life cycle	≥ 5,000,000					
Valve body material	Aluminum					
Seal material	NBR					

How to Order?

Model:



- * GM22-0.8L
- * Type: 2/2 normal close
- * Port Size: 1/8"
- * Orifice: 0.8mm
- * Pressure: 0-8Bar
- * Temperature: -5~80°C
- * Material: Brass
- * Seal Material: NBR

Model:



- * GM22-1.2L
- * Type: 2/2 normal close
- * Port Size: M5
- * Orifice: 1.2mm
- * Pressure: 0-8Bar
- * Temperature: -5~80°C
- * Material: Brass
- * Seal Material: NBR

Model:



- * Q22XD-2L Q22XD-3L Q22XD-4L
- * Q22XD-5L Q23XD-2L Q23XD-3L
- * Q23XD-4L Q23XD-5L
- * Type: Normal close, Normal open(Optional)
- * Port Size: 1/8" 1/4"
- * Orifice: 2mm 3mm 4mm 5mm
- * Pressure: 0-8Bar
- * Temperature: -5~80°C
- * Material: Brass
- * Seal Material: NBR VITON

Model:



- * GL23-06-2L GL23-06-3L
- * Type: 3/2 normal close
- * Port Size: 1/8" 1/4"
- * Orifice: 2mm 3mm
- * Pressure: 0-8Bar
- * Temperature: -5~80°C
- * Material: Brass
- * Seal Material: NBR

Model:



- * GU23-0.6-1.5L GU23-0.6-1.5LT
- * Type: 3/2 normal close
- normal open(Optional)
- * Port Size: 1/4"
- * Orifice: 1.5mm 2mm
- * Pressure: 0-8Bar
- * Temperature: 0-80°C
- * Material: Brass
- * Seal Material: NBR

Model:



- * G22-06-3L
- * Type: 2/2 normal close
- * Port Size: 1/8" M12x1.25
- * Orifice: 3mm
- * Pressure: 0-8Bar
- * Temperature: -40~150°C
- * Material: Brass
- * Seal Material: NBR

Model:



- * EF23-08H
- * Type: 3/2 normal close
- * Port Size: 1/4"
- * Pressure: 0-16 Bar
- * Temperature: 0-160°C
- * Material: Brass

Model:



- * GCH23-M
- * Type: 3/2 normal close
- * Orifice: 1.2mm
- * Pressure: 0-14Bar
- * Temperature: 80-160°C
- * Material: Brass

Model:



- * EMC22-M5
- * Type: 2/2 normal close
- * Port Size: 5mm
- * Orifice: 1mm
- * Pressure: 0-8Bar
- * Temperature: -5~85°C
- * Material: PP

Low
Power
Valve



Model:

- * ETS23
- * Type: 3/2 normal close
- * Port Size: In=6mm Pipe Out=M6*1
- * Orifice: 1.4mm
- * Pressure: 0-2.4Bar
- * Material: Reinforced Nylon

E.MC applies plenty of patent rights for the specially designed solenoid valves, of which some are 1st products in China. pneumatic industry. Just Let US know what you want, and E.MC will develop the exact product within 50 days.

—E.MC R & D Dept.

Low Power
Plastic Multi-
Ports Valve



Model:

- * PV4-M3
- * Type: 3/2 normal close
- * Port Size: 1/16"
- * Orifice: 1.4mm
- * Pressure: 0-2.4Bar
- * Material: Reinforced Nylon

Model:



- * E6V110-M5-6L
- * Type: 3/2 normal close
- * Port Size: M5
- * Orifice: 1.4mm
- * Pressure: 0-8Bar
- * Temperature: 0-100°C
- * Material: Aluminium

Model:



- * MB22-01
- * Type: 2/2 normal close
- * Port Size: 1/8" M5
- * Orifice: 2.5mm
- * Pressure: 0-8Bar
- * Temperature: -5° 150°C
- * Material: Brass

For Diesel
Engine



Model:

- * EMC23-12L
- * Type: 3/2 normal close
- * Port Size: 1/2"
- * Orifice: 12mm
- * Pressure: 0-10Bar
- * Temperature: 0-100°C
- * Material: Aluminium

Model:



- * V221-M4
- * Type: 2/2 normal close
- * Port Size: M4
- * Orifice: 1mm
- * Pressure: 0-10Bar
- * Temperature: -5° 85°C
- * Material: Brass

Double
Viton Seal



Model:

- * MDD23-20
- * Type: 2/3
- * Port Size: 3/4NPT
- * Control pressure: 3.5-10Bar
- * Working pressure: 2-4Bar (water)
- * Material: Brass
- * Seal: Viton

Quick
Exhausting
Solenoid
Valve



Model:

- * C35-06H
- * Type: 5/3
- * Port Size: 1/8"
- * Orifice: 2.5mm
- * Temperature: -5° 85°C
- * Material: Aluminium



Model:

- * C35-08H
- * Type: 5/3
- * Port Size: 1/4"
- * Pressure: 0-10Bar
- * Temperature: -5° 85°C
- * Material: Aluminium



Model:

- * EQX30323
- * Type: 3/2 Quick Exhausting Solenoid Valve
- * Port Size: 1/4"
- * Pressure: 0-10Bar
- * Temperature: -5° 60°C
- * Material: Aluminium

We assure the good quality of solenoid valve by testing of computer system


EMC Series Full Stainless Steel Angle Valve

How to Order?

EMC -- **10** -- **40** -- **A**
 | | | |
 EMC Stainless Port Size Actuator Size Type
 Steel Series 10: 3/8" 40: 40mm A: Single Acting Normal Close
 Angle Valve 15: 1/2" 50: 50mm B: Single Acting Normal Open
 20: 3/4" 63: 63mm C: Double Acting Normal Close
 25: 1" 80: 80mm D: Double Acting Free Installation
 32: 1-1/4" 100: 100mm
 40: 1-1/2"
 50: 2"

Order example:

* EMC Stainless Steel series, 3/8" Port Size, Actuator Size 40mm, Single Acting Normal Close, Model: EMC10-40A

Specifications

Model	EMC10-50A/B/C/D	Model	EMC10-50A/B/C/D
Port Size	DN10-DN50	Medium Temperature(°C)	PTFE: -10~+180
Thread	G3/8"-G2"	Working Temperature(°C)	-10~+60
Valve Body	CF8M	Viscosity(mm²/s)	Max600
Actuator	CF8	Installation	any position
Spol Seal	PTFE	Controlling medium	Air, neutral gas
Piston Seal	PTFE/FKM	Controlling pressure(Bar)	3-10
Medium	water, neutral gas or liquid, ethanol, oil, organic solvent, steam, alkaline and weak acid solution		

Post Size	Orifice	Actuator	Kv Value	Working Pressure	Normal Close		Normal Open		Model	
					Admitted Differential Pressure Range	Control Pressure Range	Admitted Differential Pressure Range	Control Pressure Range	Normal Close	Normal Open
G3/8"	13	40	4.7	16	0-16	≥4	-	-	EMC10-40A	EMC10-40B
G3/8"	13	50	4.7		0-16	≥3	0-16	3	EMC10-50A	EMC10-50B
G1/2"	13	40	4.7		0-16	≥4	-	-	EMC15-40A	EMC15-40B
G1/2"	13	50	4.7		0-16	≥3	0-16	3	EMC15-50A	EMC15-50B
G3/4"	18	50	9.5		0-16	3-4	0-16	3	EMC20-50A	EMC20-50B
G1"	24	50	18.1		0-16	3-5.5	-	-	EMC25-50A	EMC25-50B
G1"	24	63	18.1		0-16	3-3.5	0-16	3.5	EMC25-63A	EMC25-63B
G1-1/4"	31	63	23.1		0-16	3-5	0-14	3.9	EMC35-63A	EMC35-63B
G1-1/2"	35	63	32.9		0-16	3-6	0-11	3.9	EMC40-63A	EMC40-63B
G2"	45	63	52.8		0-10	3-6.5	0-6	3.9	EMC50-63A	EMC50-63B
G2"	45	80	52.8		0-16	3-6.6	0-2	4	EMC50-80A	EMC50-80B

EMC Series Plastic Actuator Angle Valve
How to Order?

EMCP -- **10** -- **40** -- **A** -- **S1**
 | | | | |
 EMCP Plastic Port Size Actuator Size Type Material
 Series Angle 10: 3/8" 40: 40mm A: Single Acting S1: SS316
 Valve 15: 1/2" 50: 50mm C: Double S2: SS304
 20: 3/4" 63: 63mm Acting Normal
 25: 1" 80: 80mm Open
 32: 1-1/4" 100: 100mm
 40: 1-1/2"
 50: 2"

Order example:

* EMCP Plastic series, 3/8" Port Size, Actuator Size: 40mm, Single Acting Normal Close, SS304 Valve Body, Model: EMCP10-40AS1

Note: Here we updated model No. as the S1=SS316, S2= SS304



Specifications

Model	
Port Size	DN10-DN50
Thread	RC3/8"-RC2-1/2"
Body Material	SS316/SS304
Actuator Material	SS304/Aluminum
Seat Seal	PTFE/FPM
Stem seal	PTFE/FPM
Piston seal	FPM/NBR

Model	
Applicable medium	water, neutral gas or liquid, ethanol, oil, organic solvent, steam, alkaline and weak acid solution
Temperature of medium(°C)	PTFE:-10°+200 FPM:-10°+100
Viscosity(mm²/s)	max6020
Installation	any position
Controlling medium	air/neutral gas
Controlling pressure(Bar)	3-8

Post Size	Actuator	Orifice mm	Kv Value	Temperature /Pressure
3/8"	40	10.5	3.7	-10°C~200°C / 0-16Bar
3/8"	50	10.5	3.7	
1/2"	40	13	4.2	
1/2"	50	13	4.2	
3/4"	40	17	8.0	
3/4"	50	17	8.0	
1"	40	24	19	

Post Size	Actuator	Orifice mm	Kv Value	Temperature /Pressure
1"	50	24	19	-10°C~200°C / 0-16Bar
1"	63	24	19	
1-1/4"	63	30	27	
1-1/4"	80	30	27	
1-1/4"	100	30	27	
1-1/2"	63	35	42	
1-1/2"	80	35	42	

Post Size	Actuator	Orifice mm	Kv Value	Temperature /Pressure
1-1/2"	100	35	42	-10°C~200°C / 0-16Bar
2"	63	45	55	
2"	80	45	55	
2"	100	45	55	

Armature+Connector+Timer



Model:
4V110A



Model:
4V220A



Model:
We can produce many Special products based On clients' requirement



Model:
Q22XD-1.2A



Model:
K23D-1.2A



Model:
K23D-2A



Model:
43650C
Connector



Model:
43650B
Connector



Model:
43650A
Connector



Model:
EMCC
Connector



Model:
PUT
Timer



Model:
110PH

Photo	Model	For Valve	Size(mm)
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VC1-F

V5211

Orifice: Φ8mm
L x W x H:
22x17x23.5mm


VC1-DT

V5211

Orifice: Φ8mm
L x W x H:
22x17x23.5mm


VC2-DT

V5221
V5231
V5241

Orifice: Φ9.2mm
L x W x H:
28.5x22x29mm


2PC

2P025
V5221
V5231
V5241

Orifice: Φ9.2mm
H:29mm


2VC

2V6-25

Orifice: Φ9mm
H:29mm


VXC

VX06-15

Orifice: Φ11mm
H:35mm


ZSC-1F

ZS4-25mm

Orifice: Φ16.3mm
L x W x H:
54X38.5X40mm

Photo	Model	For Valve	Size(mm)
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SLP-HC

SLP10-50(N.O.)

Orifice: Φ16.3
L x W x H:
54X38.5X40mm


SLPC

3-50mm
EV1/EV3/EV5
ZSΦ10

Orifice: Φ14.7
L x W x H:
38.5x29x42mm


ZSC-1D

ZS10-25mm(N.C.)
THP(N.C., N.O.)
SLP15-50(N.O.)

Orifice: Φ16.3mm
L x W x H:
54X38.5X40mm


ZSC-2D

ZS32-50mm

Orifice: Φ20.3mm
Height: 50mm


EGVC-1

5-25mm

Orifice: Φ20.3
H: 61.5mm


ESP-C

ESP10-40mm

Orifice: Φ13mm
H: 40mm

Photo	Model	For Valve	Size(mm)	Photo	Model	For Valve	Size(mm)
	EWC	EWSLC	Orifice: Φ 11.5mm H: 34mm		PUC	PU15-20	Orifice: Φ 14mm H: 42mm
	UWEC	UW Series	Orifice: Φ 16mm H: 31mm		EDFC-S1	EDF15-25mm	Orifice: Φ 16.3 H: 43.5mm
	VEC	V5221 V5231 V5241	Orifice: Φ 9.2mm H: 29mm		EDFC-B2	EDF32-50	Orifice: Φ 21 H: 55.5mm
	USC	UW35-50 US10-50	Orifice: Φ 23mm H: 55mm		EMC-1C	EMC22/ EMC23 Series	Orifice: Φ 12mm L x W x H: 47x36x40mm
	UDC	UD6-8 EV2/EV4	Orifice: Φ 14mm H: 31mm		EMC-2C	EMC Diaphragm type 08-25	Orifice: Φ 14.5mm L x W x H: 47x36x40mm
	UWC-1	UW10-25	Orifice: Φ 16mm H: 37mm		EMB-C	EMB23 valve	Orifice: Φ 11.5mm L x W x H: 30x30x47mm
	Q23C	Q23XD	Orifice: Φ 19mm H: 33mm		EMCFC	EMCF type pulse valve	Orifice: Φ 12.3mm L x W x H: 42.5x37.5x41.5mm



Air Source Treatment Unit

E.MC always controls very strictly every detail in all steps of the processing, from mould making to die-casting technique, from high precision machining to orderly assembling, from intelligent test control to overall quality control.....High quality with elegance appearance makes it very dependable to choose E.MC FRLs.





How to Order?

EI	--	C	--	30	--	00	--	03	--	
EI Series F.R.L With Air gauge inside the body		20: 2000 Body Size 30: 3000 Body Size 40: 4000 Body Size 50: 5000 Body Size				Port Size 01: 1/8" 02: 1/4" 03: 3/8" 04: 1/2" 06: 3/4" 10: 1"				Blank: Manual Drain Type D: Auto Drain Type
C: Filter+Regulator+Lubricator W: F+R F: Filter L: Lubricator R: Regulator		00: Three Units(F+R+L) 10: Two Units(F,R+L)								

Order example:

- * EI series,F+R+L,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: EIC3000-03
- * EI series,F+R+L,3000 Body Size, Port Size: 3/8",Auto Drain Type,Model: EIC3010-03D
- * EI series,F+R,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: EIW3000-03
- * EI series,Filter,3000 Body Size, Port Size: 3/8",Auto Drain Type,Model: EIF3000-03D
- * EI series,Lubricator,3000 Body Size, Port Size: 3/8",Model: EIL3000-03
- * EI series,Regulator,3000 Body Size, Port Size: 3/8",Model: EIR3000-03

* Working Press.: 0.5-10Bar

* Max. Press.: 15Bar

* Working Temp.: 5-60°C

* Filter Precision: 25 μ (5 μ is optional)

Hot



Model:

EIC2000-01 EIC2000-02



Model:

EIC3000-02 EIC3000-03
EIC4000-03 EIC4000-04
EIC5000-06 EIC5000-10



Model:

EIC2010-01 EIC2010-02



Model:

EIC3010-02 EIC3010-03
EIC4010-03 EIC4010-04
EIC5010-06 EIC5010-10



Model:

EIW2000-01 EIW2000-02



Model:

EIW3000-02 EIW3000-03
EIW4000-03 EIW4000-04
EIW5000-06 EIW5000-10



Model:

EIL2000-01 EIL2000-02



Model:

EIL3000-02 EIL3000-03
EIL4000-03 EIL4000-04
EIL5000-06 EIL5000-10



Model:

EIF2000-01 EIF2000-02



Model:

EIR3000-02 EIR3000-03
EIR4000-03 EIR4000-04
EIR5000-06 EIR5000-10



Model:

EIR2000-01 EIR2000-02
EIR3000-02 EIR3000-03
EIR4000-03 EIR4000-04
EIR5000-06 EIR5000-10

E Series Air Source Treatment Unit

66

How to Order?

E	--	C	--	30	--	00	--	03	--	
E Series						00: Three Units (F+R+L) 10: Two Units (F,R+L)		Port Size M5: M5 01: 1/8" 02: 1/4" 03: 3/8" 04: 1/2" 06: 3/4" 10: 1"		Blank: Manual Drain Type D: Auto Drain Type Available Only For 2000 or Above
C: Filter+Regulator+Lubricator										
W: F+R										
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				

Order example:

- * E series, F+R+L, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: EC3000-03
- * E series, F+R+L, 3000 Body Size, Port Size: 3/8", Auto Drain Type, Model: EC3000-03D
- * E series, F+R, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: EW3000-03
- * E series, Filter, 3000 Body Size, Port Size: 3/8", Auto Drain Type, Model: EF3000-03D
- * E series, Lubricator, 3000 Body Size, Port Size: 3/8", Model: EL3000-03
- * E series, Regulator, 3000 Body Size, Port Size: 3/8", Model: ER3000-03

- * Working Press.: 0.5-10Bar
- * Max. Press.: 15Bar
- * Working Temp.: 5-60°C
- * Filter Precision: 25 μ (5 μ is optional)

Model:



EC1000-M5
EC2000-01
EC2000-02

Model:



EC2500-02
EC2500-03
EC3000-02
EC3000-03
EC4000-03
EC4000-04
EC4000-06

Model:



EC5000-06
EC5000-10

Model:



EC1010-M5
EC2010-01
EC2010-02

Model:



EC3010-02
EC3010-03
EC4010-03
EC4010-04
EC4010-06

Model:



EC5010-06
EC5010-10

Model:



EW1000-M5
EW2000-01
EW2000-02

Model:



EW3000-02
EW3000-03
EW4000-03
EW4000-04
EW4000-06

Model:



EW5000-06
EW5000-10

Model:



EL1000-M5
EL2000-01
EL2000-02

Model:



EL3000-02
EL3000-03
EL4000-03
EL4000-04
EL4000-06

Model:



EL5000-06
EL5000-10

Model:



ER1000-M5
ER2000-02
ER2000-03
ER2500-03
ER3000-02
ER3000-03
ER4000-04
ER4000-06
ER5000-06
ER5000-10

Model:



EF1000-M5
EF2000-01
EF2000-02

Model:



EF3000-02
EF3000-03
EF4000-03
EF4000-04
EF4000-06

Model:



EF3000-02D
EF3000-03D
EF4000-03D
EF4000-04D
EF4000-06D

Model:



EF5000-06
EF5000-10

How to Order?

HE	--	C	--	30	--	00	--	03	--	
HE Series				20: 2000 Body Size 30: 3000 Body Size 40: 4000 Body Size 50: 5000 Body Size				Port Size 01: 1/8" 02: 1/4" 03: 3/8" 04: 1/2" 06: 3/4" 10: 1"		Blank: Manual Drain Type D: Auto Drain Type Available Only For 3000 or Above
C: Filter+Regulator+Lubricator W: F+R F: Filter L: Lubricator						00: Three Units(F+R+L) 10: Two Units(F+R+L)				

Order example:

- * HE series,F+R+L,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: HEC3000-03
- * HE series,F+R+L,3000 Body Size, Port Size: 3/8",Auto Drain Type,Model: HEC3010-03D
- * HE series,F+R,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: HEW3000-03
- * HE series,Filter,3000 Body Size, Port Size: 3/8",Auto Drain Type,Model: HEF3000-03D
- * HE series,Lubricator,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: HEL3000-03

- * Working Press.: 0.5-10Bar
- * Max. Press.: 15Bar
- * Working Temp.: 5-60°C
- * Filter Precision: 25 μ (5 μ is optional)



Model:

HEC2000-01
HEC2000-02

Model:

HEC3000-02 HEC3000-03
HEC4000-03 HEC4000-04
HEC4000-06

Model:

HEC5000-06
HEC5000-10

Model:

HEC2010-01
HEC2010-02

Model:

HEC3010-02 HEC3010-03
HEC4010-03 HEC4010-04
HEC4010-06

Model:

HEC5010-06
HEC5010-10

Model:

HEW2000-01
HEW2000-02

Model:

HEW3000-02 HEW3000-03
HEW4000-03 HEW4000-04
HEW4000-06

Model:

HEW5000-06
HEW5000-10

Model:

HEF2000-01
HEF2000-02

Model:

HEF3000-02 HEF3000-03
HEF4000-03 HEF4000-04
HEF4000-06

Model:

HEF5000-06
HEF5000-10

Model:

HEL2000-01
HEL2000-02

Model:

HEL3000-02
HEL3000-03
HEL4000-03
HEL4000-04
HEL4000-06

Model:

HEL5000-06
HEL5000-10

Model:

ER2000-01 ER2000-02
ER3000-02 ER3000-03
ER4000-03 ER4000-04
ER4000-06 ER5000-06
ER5000-10

HNE Series Air Source Treatment Unit

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How to Order?

HNE	--	C	--	30	--	00	--	03	--	
HNE Series				00: Three Units(F+R+L) 10: Two Units (F,R+L)				Port Size 01: 1/8" 02: 1/4" 03: 3/8" 04: 1/2" 06: 3/4" 10: 1"		Blank: Manual Drain Type D: Auto Drain Type Available Only For 3000 or Above
C: Filter+Regulator+Lubricator				20: 2000 Body Size 30: 3000 Body Size 40: 4000 Body Size 50: 5000 Body Size						
W: F+R										
F: Filter										
L: Lubricator										

Order example:

- * HNE series,F+R+L,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: HNEC3000-03
- * HNE series,F,R+L,3000 Body Size, Port Size: 3/8",Auto Drain Type,Model: HNEC3010-03D
- * HNE series,F+R,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: HNEW3000-03
- * HNE series,Filter,3000 Body Size, Port Size: 3/8",Auto Drain Type,Model: HNEF3000-03D
- * HNE series,Lubricator,3000 Body Size, Port Size: 3/8",Manual Drain Type,Model: HNEL3000-03

* Working Press.: 0.5–10Bar

* Max. Press.: 15Bar

* Working Temp.: 5–60°C

* Filter Precision: 25 μ (5 μ is optional)

Metal Bowl



Model:

HNEC2000-01
HNEC2000-02


Model:

HNEC3000-02
HNEC3000-03
HNEC4000-04
HNEC4000-06


Model:

HNEC5000-06
HNEC5000-10


Model:

HNEC2010-01
HNEC2010-02


Model:

HNEC3010-02
HNEC3010-03
HNEC4010-04
HNEC4010-06


Model:

HNEC5010-06
HNEC5010-10


Model:

HNEW2000-01
HNEW2000-02


Model:

HNEW3000-02
HNEW3000-03
HNEW4000-04
HNEW4000-06


Model:

HNEW5000-06
HNEW5000-10


Model:

HNEF2000-01
HNEF2000-02


Model:

HNEF3000-02
HNEF3000-03
HNEF4000-04
HNEF4000-06


Model:

HNEF5000-06
HNEF5000-10


Model:

HNEL2000-01
HNEL2000-02


Model:

HNEL3000-02
HNEL3000-03
HNEL4000-04
HNEL4000-06


Model:

HNEL5000-06
HNEL5000-10


Model:

ER2000-01 ER2000-02
ER3000-02 ER3000-03
ER4000-03 ER4000-04
ER4000-06 ER5000-06
ER5000-10

T-Type Spacer


Model	Applicable Model
Y21-01/Y21-02	EC2000
Y31-01/Y31-02	EC3000
Y41-02/Y41-03	EC4000
Y61-03/Y61-04	EC5000

Spacer with L-Type Bracket


Model	Applicable Model
Y10L	EC1000
Y20L	EC2000
Y30L	EC2500/3000
Y40L	EC4000
Y50L	EC4000-06
Y60L	EC5000

L-Type Bracket


Model	Applicable Model
B110L	EC1000
B210L	EC2000
B310L	EC2500/3000
B410L	EC4000
B510L	EC4000-06
B610L	EC5000

Spacer with T-Type Bracket


Model	Applicable Model
Y10T	EC1010
Y20T	EC2010
Y30T	EC3010
Y40T	EC4010
Y50T	EC4010-06
Y60T	EC5010

T-Type Bracket


Model	Applicable Model
B110T	EC1010
B210T	EC2010
B310T	EC2510/3010
B410T	EC4010
B510T	EC4010-06
B610T	EC5010

20-Type Bracket


Model	Applicable Model
B120	ER1000 EW1000
B220	ER2000/2500 EW2000/2500
B320	ER3000 EW3000
B420	ER4000/5000 EW4000/5000

40-Type Bracket


Model	Applicable Model
B240	EF2000 EL2000
B340	EF3000 EL3000
B440	EF4000 EL4000
B540	EF4000-06 EL4000-06
B640	EF5000 EL5000

Auto Drain

HAD402 1/2"


Auto Drain

HED402-02
HED402-03
HED402-04

Auto Drain Element

ZDFS-06
ZDFS-08

High Precision Regulator

EHP3000-02
EHP3000-03

New

AE/BE Series Air Source Treatment Unit

70

How to Order?

AE

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C

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2000

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AE: Smaller body size, without bowl guard
BE: Bigger body size, with bowl guard

Filter+Regulator+Lubricator

Port size
1500: 1/8"
2000: 1/4"
3000: 3/8"
4000: 1/2"

Blank: Manual drain type
D: Auto drain type
(Longer water cup for AE series)

* Working Press.: 0.5–10Bar

* Max. Press.: 15Bar

* Working Temp.: 5–60°C

* Filter Precision: 40 μ (25 μ, 5 μ is optional)

Order example:

* AE series, filter+regulator+lubricator, port size: 1/4", model: AEC2000



Model:

AEC2000



Model:

BEC2000
BEC3000
BEC4000



Model:

AEFC2000



Model:

BEFC2000
BEFC3000
BEFC4000



Model:

AEFR2000



Model:

BEFR2000
BEFR3000
BEFR4000



Model:

AEF2000



Model:

BEF2000
BEF3000
BEF4000



Model:

AEL2000



Model:

BEL2000
BEL3000
BEL4000



Model:

AER2000
BER2000
BER3000
BER4000

EA Series Air Source Treatment Unit

* Working Pressure: 0.5–17Bar



**High Pressure
250 PSI**

Model:

EAF3000-02



Model:

EAL3000-02



Model:

EAF3000-02

E804 Series Air Source Treatment Unit

* Working Pressure: 0.5–8Bar



Model:

EL804-02
EL804-03
EL804-04



Model:

EFR804-02
EFR804-03
EFR804-04



Model:

EFRL804-02
EFRL804-03
EFRL804-04

EN Series Air Source Treatment Unit

* Working Pressure: 0.5–8Bar



Model:

ENFC2000-02



Model:

ENW2000-02



Model:

ENF2000-02



Model:

ENR2000-02



Model:

ENL2000-02

Muffler



A Type Muffler

Model	Thread Size	S
A-M5	M5	9
A-6A	1/8"	13
A-8A	1/4"	17
A-10A	3/8"	22
A-15A	1/2"	24
A-20A	3/4"	30
A-25A	1"	34
A-32A	1 1/4"	46
A-40A	1 1/2"	52
A-50A	2"	64



**AS Type Muffler
Steel with Nickle**

Model	Thread Size	S
AS-2.5	10-32UNF	8
AS-6	1/8"	11
AS-8	1/4"	14
AS-10	3/8"	17
AS-15	1/2"	22
AS-20	3/4"	27
AS-25	1"	34
AS-32	1 1/4"	43
AS-40	1 1/2"	51



AAS Type S.S. muffler

Model	Thread Size	S
AAS-M5	M5	8
AAS-6	1/8"	12
AAS-8	1/4"	15
AAS-10	3/8"	19
AAS-15	1/2"	23
AAS-20	3/4"	30
AAS-25	1"	36



AB Type Muffler

Model	Thread Size	S
AB-6	1/8"	11
AB-8	1/4"	14
AB-10	3/8"	17
AB-15	1/2"	22
AB-20	3/4"	27
AB-25	1"	33
AB-32	1 1/4"	43
AB-40	1 1/2"	51
AB-50	2"	60



AP Type PE Muffler

Model	Thread Size	S
AP-6	1/8"	8
AP-8	1/4"	10
AP-10	3/8"	13
AP-15	1/2"	15
AP-20	3/4"	19
AP-25	1"	24



SET Type Muffler

Model	Thread Size	S
SET-7	1/8"	8
SET-9.5	1/4"	10
SET-12.5	3/8"	13
SET-15.5	1/2"	15
SET-22	3/4"	19
SET-28	1"	24



V Type Muffler

Model	Thread Size	S
V-M5	M5	8
V-6	1/8"	12
V-8	1/4"	15
V-10	3/8"	19
V-15	1/2"	22
V-20	3/4"	30
V-25	1"	36



VF Type Muffler

Model	Thread Size	S
VF-M5	M5	8
VF-6	1/8"	13
VF-8	1/4"	16
VF-10	3/8"	19
VF-15	1/2"	24



**VS Type Muffler Steel
with Nickle Plated**

Model	Thread Size	S
VS-6	1/8"	11
VS-8	1/4"	14
VS-10	3/8"	17
VS-15	1/2"	22
VS-20	3/4"	27
VS-25	1"	33
VS-32	1 1/4"	43
VS-40	1 1/2"	51

Muffler



VSF Type Muffler Steel with Nickel Plated

Model	Thread Size	S
VSF-6	1/8"	14
VSF-8	1/4"	17
VSF-10	3/8"	22
VSF-15	1/2"	27



VD Type Muffler

Model	Thread Size	S
VD-6	1/8"	13
VD-8	1/4"	16
VD-10	3/8"	19
VD-15	1/2"	24
VD-20	3/4"	30
VD-25	1"	36



VDS Type S.S Muffler

Model	Thread Size	S
VDS-M5	M5	8
VDS-6	1/8"	13
VDS-8	1/4"	16
VDS-10	3/8"	19
VDS-15	1/2"	24
VDS-20	3/4"	30
VDS-25	1"	36



VSS Type S.S muffler

Model	Thread Size	S
VSS-M5	M5	8
VSS-6	1/8"	12
VSS-8	1/4"	15
VSS-10	3/8"	19
VSS-15	1/2"	23
VSS-20	3/4"	30
VSS-25	1"	36



VT Type Muffler

Model	Thread Size	L
VT-6	1/8"	12.5
VT-8	1/4"	13.5
VT-10	3/8"	16
VT-15	1/2"	19.6
VT-20	3/4"	23
VT-25	1"	24

Quick Exhaust Muffling Throttle Valve



SA Quick Exhaust Muffling Throttle Valve

Model	Thread Size	S
SA-6	1/8"	14
SA-8	1/4"	16
SA-10	3/8"	17
SA-15	1/2"	24
SA-20	3/4"	27
SA-25	1"	34



SB Quick Exhaust Muffling Throttle Valve

Model	Thread Size	S
SB-6	1/8"	12
SB-8	1/4"	14
SB-10	3/8"	17
SB-15	1/2"	24
SB-20	3/4"	27
SB-25	1"	34



SC Quick Exhaust Muffling Throttle Valve

Model	Thread Size	S
SC-6	1/8"	13
SC-8	1/4"	14
SC-10	3/8"	17
SC-15	1/2"	22
SC-20	3/4"	27
SC-25	1"	34



SD Quick Exhaust Muffling Throttle Valve

Model	Thread Size	S
SD-6	1/8"	12
SD-8	1/4"	15
SD-10	3/8"	19
SD-15	1/2"	22
SD-20	3/4"	27
SD-25	1"	34



SK Quick Exhaust Muffling Throttle Valve

Model	Thread Size	S
SK-6	1/8"	13
SK-8	1/4"	14
SK-10	3/8"	17
SK-15	1/2"	22
SK-20	3/4"	27
SK-25	1"	34



SS Quick Exhaust Muffling Throttle Valve

Model	Thread Size	S
SSK-6	1/8"	13
SSK-8	1/4"	14
SSK-10	3/8"	17
SSK-15	1/2"	22
SSK-20	3/4"	27
SSK-25	1"	34



SPK Quick Exhaust Muffling Throttle Valve

Model	Thread Size	S
SPK-6	1/8"	10
SPK-8	1/4"	14
SPK-10	3/8"	17
SPK-15	1/2"	24
SPK-20	3/4"	30
SPK-25	1"	36

Plastic Muffler



SU Type Muffler

Model	Thread Size	Φ
SU-6	1/8"	16
SU-8	1/4"	20
SU-10	3/8"	24
SU-15	1/2"	24
SU-20	3/4"	48
SU-25	1"	48



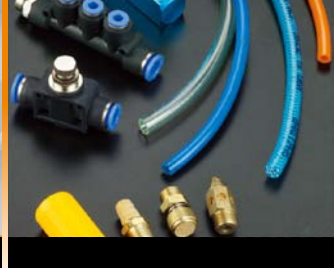
PSU Type Muffler

Model	Thread Size	Φ
PSU-M5	M5	7
PSU-6	1/8"	13
PSU-8	1/4"	17
PSU-10	3/8"	25
PSU-15	1/2"	25
PSU-20	3/4"	25
PSU-25	1"	25



PSE Type Muffler

Model	Thread Size	Φ
PSE-M5	M5	7
PSE-6	1/8"	13
PSE-8	1/4"	17
PSE-10	3/8"	25
PSE-15	1/2"	25
PSE-20	3/4"	37
PSE-25	1"	48


EPC


MODEL(ΦD-T)								
Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)		
EPC04-M5	EPC08-04	EPC12-02	EPC1/4-01	EPC3/8-04	EPC5/32-1/8"N	EPC1/4-1/4"N	EPC1/2-1/4"N	
EPC04-M6	EPC08-01	EPC12-03	EPC1/4-02	EPC5/32-1/4"N	EPC1/4-3/8"N	EPC1/2-3/8"N		
EPC04-01	EPC08-02	EPC12-04	EPC1/4-03	EPC1/2-03	EPC3/16-1/8"N	EPC5/16-1/8"N	EPC1/2-1/2"N	
EPC04-02	EPC08-03	EPC14-03	EPC5/16-01	EPC1/2-04	EPC3/16-1/4"N	EPC5/16-1/4"N		
EPC06-M5	EPC08-04	EPC14-04	EPC5/16-02		EPC3/16-3/8"N	EPC5/16-3/8"N		
EPC06-M6	EPC10-01	EPC16-03	EPC5/16-03		EPC1/4-1/8"N	EPC3/8-1/8"N		
EPC06-01	EPC10-02	EPC16-04	EPC3/8-01			EPC3/8-1/4"N		
EPC06-02	EPC10-03		EPC3/8-02			EPC3/8-3/8"N		
EPC06-03	EPC10-04		EPC3/8-03			EPC3/8-1/2"N		

EPCF


MODEL(ΦD-T)					
Tube(Metric)-Thread(Rc)		Tube(Inch)-Thread(Rc)		Tube(Inch)-Thread(NPT)	
EPCF04-01	EPCF10-01	EPCF1/4-01	EPCF5/32-1/8"N	EPCF3/8-1/4"N	
EPCF04-02	EPCF10-02	EPCF1/4-02	EPCF5/32-1/4"N	EPCF3/8-3/8"N	
EPCF06-01	EPCF10-03	EPCF5/16-01	EPCF3/16-1/8"N	EPCF1/2-1/4"N	
EPCF06-02	EPCF10-04	EPCF5/16-02	EPCF3/16-1/4"N	EPCF1/2-3/8"N	
EPCF06-03	EPCF12-02	EPCF3/8-02	EPCF1/4-1/8"N		
EPCF08-01	EPCF12-03	EPCF3/8-03	EPCF1/4-1/4"N		
EPCF08-02	EPCF12-04		EPCF5/16-1/8"N		
EPCF08-03	EPCF16-03		EPCF5/16-1/4"N		
EPCF08-04	EPCF16-04		EPCF5/16-3/8"N		

EPOC


MODEL(ΦD-T)					
Tube(Metric)-Thread(R)		Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)	
EPOC04-M5	EPOC08-01	EPOC12-03	EPOC1/4-01	EPOC5/32-1/8"N	EPOC3/8-1/4"N
EPOC04-M6	EPOC08-02	EPOC12-04	EPOC1/4-02	EPOC1/4-1/8"N	EPOC3/8-3/8"N
EPOC04-01	EPOC08-03	EPOC14-03	EPOC5/16-01	EPOC1/4-1/4"N	EPOC3/8-1/2"N
EPOC04-02	EPOC08-04	EPOC14-04	EPOC5/16-02	EPOC5/16-1/8"N	EPOC1/2-1/4"N
EPOC06-M5	EPOC10-01	EPOC16-03	EPOC5/16-03	EPOC5/16-1/4"N	EPOC1/2-3/8"N
EPOC06-M6	EPOC10-02	EPOC16-04	EPOC3/8-02	EPOC5/16-3/8"N	EPOC1/2-1/2"N
EPOC08-01	EPOC10-03		EPOC3/8-03		
EPOC08-02	EPOC10-04		EPOC3/8-04		
EPOC08-03	EPOC12-02				

EPMF


MODEL(ΦD-T)			
Tube(Metric)-Thread(Rc)		Tube(Inch)-Thread(NPT)	
EPMF04-01	EPMF10-01	EPMF5/32-1/8"N	EPMF3/8-3/8"N
EPMF04-02	EPMF10-02	EPMF3/16-1/8"N	EPMF1/2-3/8"N
EPMF06-01	EPMF10-03	EPMF3/16-1/4"N	EPMF1/2-1/2"N
EPMF06-02	EPMF10-04	EPMF1/4-1/8"N	
EPMF06-03	EPMF12-02	EPMF1/4-1/4"N	
EPMF08-01	EPMF12-03	EPMF5/16-1/8"N	
EPMF08-02	EPMF12-04	EPMF5/16-1/4"N	
EPMF08-03	EPMF14-04	EPMF5/16-3/8"N	
EPMF08-04	EPMF16-04	EPMF3/8-1/4"N	

EPL


MODEL(ΦD-T)					
Tube(Metric)-Thread(R)		Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)	
EPL04-M5	EPL06-04	EPL12-02	EPL1/4-01	EPL3/8-04	EPL5/32-1/8"N
EPL04-M6	EPL08-01	EPL12-03	EPL1/4-02	EPL1/2-02	EPL5/32-1/4"N
EPL04-01	EPL08-02	EPL12-04	EPL1/4-03	EPL1/2-03	EPL3/16-1/8"N
EPL04-02	EPL08-03	EPL14-03	EPL5/16-01	EPL1/2-04	EPL3/16-1/4"N
EPL04-M5	EPL08-04	EPL14-04	EPL5/16-02		EPL3/16-3/8"N
EPL06-M6	EPL10-01	EPL16-03	EPL5/16-03		EPL1/4-1/8"N
EPL06-01	EPL10-02	EPL16-04	EPL3/8-01		EPL3/8-1/4"N
EPL06-02	EPL10-03		EPL3/8-02		EPL3/8-3/8"N
EPL06-03	EPL10-04		EPL3/8-03		EPL3/8-1/2"N

EPLF



MODEL (Φ D - T)				
Tube (Metric) - Thread (R)		Tube (Inch) - Thread (NPT)		
EPLF04-M5	EPLF08-01	EPLF12-03	EPLF5/32-1/8"N	EPLF3/8-3/8"N
EPLF04-M6	EPLF08-02	EPLF12-04	EPLF3/16-1/8"N	EPLF1/2-3/8"N
EPLF04-01	EPLF08-03	EPLF14-03	EPLF3/16-1/4"N	EPLF1/2-1/2"N
EPLF04-02	EPLF08-04	EPLF14-04	EPLF1/4-1/8"N	
EPLF06-M5	EPLF10-01	EPLF16-03	EPLF1/4-1/4"N	
EPLF06-M6	EPLF10-02	EPLF16-04	EPLF5/16-1/8"N	
EPLF06-01	EPLF10-03		EPLF5/16-1/4"N	
EPLF06-02	EPLF10-04		EPLF5/16-3/8"N	
EPLF06-03	EPLF12-02		EPLF3/8-1/4"N	

EPLL



MODEL (Φ D - T)				
Tube (Metric) - Thread (R)		Tube (Inch) - Thread (R)		Tube (Inch) - Thread (NPT)
EPLL04-M5	EPLL06-04	EPLL12-02	EPLL1/4-01	EPLL5/32-1/8"N
EPLL04-M6	EPLL08-01	EPLL12-03	EPLL1/4-02	EPLL3/16-1/8"N
EPLL04-01	EPLL08-02	EPLL12-04	EPLL5/16-02	EPLL3/16-1/4"N
EPLL04-02	EPLL08-03	EPLL14-03	EPLL3/8-02	EPLL3/8-3/8"N
EPLL06-M5	EPLL08-04	EPLL14-04	EPLL3/8-03	EPLL1/4-1/8"N
EPLL06-M6	EPLL10-01	EPLL16-03		EPLL1/4-1/4"N
EPLL06-01	EPLL10-02	EPLL16-04		EPLL1/4-3/8"N
EPLL06-02	EPLL10-03			EPLL5/16-1/8"N
EPLL06-03	EPLL10-04			EPLL1/2-1/2"N

EPLH



MODEL (Φ D - T)		
Tube (Metric) - Thread (R)		
EPLH 04-01	EPLH 08-01	EPLH 10-03
EPLH 04-02	EPLH 08-02	EPLH 10-04
EPLH 06-01	EPLH 08-03	EPLH 12-02
EPLH 06-02	EPLH 08-04	EPLH 12-03
EPLH 06-03	EPLH 10-01	EPLH 12-04
EPLH 06-04	EPLH 10-02	

EPB

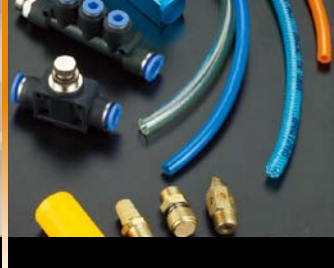


MODEL (Φ D - T)				
Tube (Metric) - Thread (R)		Tube (Inch) - Thread (R)		Tube (Inch) - Thread (NPT)
EPB04-M5	EPB06-04	EPB12-02	EPB5/32-1/8"N	EPB1/4-1/4"N
EPB04-M6	EPB08-01	EPB12-03	EPB5/32-1/4"N	EPB1/4-3/8"N
EPB04-01	EPB08-02	EPB12-04	EPB3/16-1/8"N	EPB5/16-1/8"N
EPB04-02	EPB08-03	EPB14-03	EPB3/16-1/4"N	EPB5/16-1/4"N
EPB06-M5	EPB08-04	EPB14-04	EPB5/16-02	EPB5/16-3/8"N
EPB06-M6	EPB10-01	EPB16-03	EPB5/16-03	EPB1/4-1/8"N
EPB06-01	EPB10-02	EPB16-04		EPB3/8-1/8"N
EPB06-02	EPB10-03			EPB3/8-1/4"N
EPB06-03	EPB10-04			EPB3/8-3/8"N
				EPB3/8-1/2"N

EPBF



MODEL (Φ D - T)				
Tube (Metric) - Thread (R)		Tube (Inch) - Thread (R)		Tube (Inch) - Thread (NPT)
EPBF04-M5	EPBF06-04	EPBF12-02	EPBF1/4-01	EPBF3/8-04
EPBF04-M6	EPBF08-01	EPBF12-03	EPBF1/4-02	EPBF5/32-1/4"N
EPBF04-01	EPBF08-02	EPBF12-04	EPBF1/4-03	EPBF3/16-1/8"N
EPBF04-02	EPBF08-03	EPBF14-03	EPBF5/16-01	EPBF1/2-04
EPBF06-M5	EPBF08-04	EPBF14-04	EPBF5/16-02	EPBF3/16-1/4"N
EPBF06-M6	EPBF10-01	EPBF16-03	EPBF5/16-03	EPBF5/16-3/8"N
EPBF06-01	EPBF10-02	EPBF16-04		EPBF1/4-1/8"N
EPBF06-02	EPBF10-03			EPBF3/8-1/8"N
EPBF06-03	EPBF10-04			EPBF3/8-1/4"N
				EPBF3/8-3/8"N
				EPBF3/8-1/2"N



EPD



MODEL(ΦD-T)								
Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)		
EPD04-M5	EPD06-04	EPD12-02	EPD1/4-01	EPD3/8-04	EPD5/32-1/8"N	EPD1/4-1/4"N	EPD1/2-1/4"N	
EPD04-M6	EPD08-01	EPD12-03	EPD1/4-02	EPD1/2-02	EPD5/32-1/4"N	EPD1/4-3/8"N	EPD1/2-3/8"N	
EPD04-01	EPD08-02	EPD12-04	EPD1/4-03	EPD1/2-03	EPD3/16-1/8"N	EPD5/16-1/8"N	EPD1/2-1/2"N	
EPD04-02	EPD08-03	EPD14-03	EPD5/16-01	EPD1/2-04	EPD3/16-1/4"N	EPD5/16-1/4"N		
EPD06-M5	EPD08-04	EPD14-04	EPD5/16-02		EPD3/16-3/8"N	EPD5/16-3/8"N		
EPD06-M6	EPD10-01	EPD16-03	EPD5/16-03		EPD1/4-1/8"N	EPD3/8-1/8"N		
EPD06-01	EPD10-02	EPD16-04	EPD3/8-01			EPD3/8-1/4"N		
EPD06-02	EPD10-03		EPD3/8-02			EPD3/8-3/8"N		
EPD06-03	EPD10-04		EPD3/8-03			EPD3/8-1/2"N		

EPWT



MODEL(ΦD-T)								
Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)		
EPWT04-M5	EPWT06-04	EPWT12-02	EPWT1/4-01	EPWT3/8-04	EPWT5/32-1/8"N	EPWT1/4-1/4"N	EPWT1/2-1/4"N	
EPWT04-M6	EPWT08-01	EPWT12-03	EPWT1/4-02	EPWT1/2-02	EPWT5/32-1/4"N	EPWT1/4-3/8"N	EPWT1/2-3/8"N	
EPWT04-01	EPWT08-02	EPWT12-04	EPWT1/4-03	EPWT1/2-03	EPWT3/16-1/8"N	EPWT5/16-1/8"N	EPWT1/2-1/2"N	
EPWT04-02	EPWT08-03		EPWT5/16-01	EPWT1/2-04	EPWT3/16-1/4"N	EPWT5/16-1/4"N		
EPWT06-M5	EPWT08-04		EPWT5/16-02		EPWT3/16-3/8"N	EPWT5/16-3/8"N		
EPWT06-M6	EPWT10-01		EPWT5/16-03		EPWT1/4-1/8"N	EPWT3/8-1/8"N		
EPWT06-01	EPWT10-02		EPWT3/8-01			EPWT3/8-1/4"N		
EPWT06-02	EPWT10-03		EPWT3/8-02			EPWT3/8-3/8"N		
EPWT06-03	EPWT10-04		EPWT3/8-03			EPWT3/8-1/2"N		

EPH



MODEL(ΦD-T)								
Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)		
EPH04-M5	EPH08-01	EPH12-04	EPH1/4-M5		EPH5/32-1/8"N	EPH5/16-3/8"N		
EPH04-M6	EPH08-02		EPH1/4-01		EPH3/16-1/8"N	EPH3/8-1/4"N		
EPH04-01	EPH08-03		EPH1/4-02		EPH3/16-1/4"N	EPH3/8-3/8"N		
EPH04-02	EPH08-04		EPH5/16-01		EPH1/4-1/8"N	EPH1/2-3/8"N		
EPH06-M5	EPH10-02		EPH5/16-02		EPH1/4-1/4"N	EPH1/2-1/2"N		
EPH06-M6	EPH10-03		EPH5/16-03		EPH5/16-1/8"N			
EPH06-01	EPH10-04		EPH3/8-02		EPH5/16-1/4"N			
EPH06-02	EPH12-02		EPH3/8-03					
EPH06-03	EPH12-03							

EPHF



MODEL(ΦD-T)								
Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)		
EPHF04-M5	EPHF08-01	EPHF12-04	EPHF1/4-M5		EPHF5/32-1/8"N	EPHF5/16-3/8"N		
EPHF04-M6	EPHF08-02		EPHF1/4-01		EPHF3/16-1/8"N	EPHF3/8-1/4"N		
EPHF04-01	EPHF08-03		EPHF1/4-02		EPHF3/16-1/4"N	EPHF3/8-3/8"N		
EPHF04-02	EPHF08-04		EPHF5/16-01		EPHF1/4-1/8"N	EPHF1/2-3/8"N		
EPHF06-M5	EPHF10-02		EPHF5/16-02		EPHF1/4-1/4"N	EPHF1/2-1/2"N		
EPHF06-M6	EPHF10-03		EPHF5/16-03		EPHF5/16-1/8"N			
EPHF06-01	EPHF10-04		EPHF3/8-02		EPHF5/16-1/4"N			
EPHF06-02	EPHF12-02		EPHF3/8-03					
EPHF06-03	EPHF12-03							

EPGJ



MODEL(ΦD1-ΦD2)								
Tube(Metric)-Tube (Metric)			Tube(Inch)-Tube (Inch)			Tube(Inch)-Tube (Inch)		
	EPGJ06-04		EPGJ08-1/4			EPGJ5/16-5/32		
	EPGJ08-04		EPGJ10-1/4			EPGJ5/16-1/4		
	EPGJ08-06		EPGJ10-5/16					
	EPGJ10-06		EPGJ12-1/4					
	EPGJ10-08		EPGJ12-5/16					
	EPGJ12-06							
	EPGJ12-08							
	EPGJ12-10							

EPU



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPU04	EPU5/32
EPU06	EPU3/16
EPU08	EPU1/4
EPU10	EPU5/16
EPU12	EPU3/8
EPU14	EPU1/2
EPU16	

EPP



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPP 04	EPP 5/32
EPP 06	EPP 5/16
EPP 08	
EPP 10	
EPP 12	
EPP 16	

EPV



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPV04	EPV5/32
EPV06	EPV3/16
EPV08	EPV1/4
EPV10	EPV5/16
EPV12	EPV3/8
EPV14	EPV1/2
EPV16	

EPIJ



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPIJ 04	EPIJ 5/32
EPIJ 06	EPIJ 3/16
EPIJ 08	EPIJ 1/4
EPIJ 10	EPIJ 5/16
EPIJ 12	EPIJ 3/8
EPIJ 16	EPIJ 1/2

EPE



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPE04	EPE5/32
EPE06	EPE3/16
EPE08	EPE1/4
EPE10	EPE5/16
EPE12	EPE3/8
EPE14	EPE1/2
EPE16	

EPLJ



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPLJ04	EPLJ5/32
EPLJ06	EPLJ3/16
EPLJ08	EPLJ1/4
EPLJ10	EPLJ5/16
EPLJ12	EPLJ3/8
EPLJ16	EPLJ1/2

EPY



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPY04	EPY5/32
EPY06	EPY3/16
EPY08	EPY1/4
EPY10	EPY5/16
EPY12	EPY3/8
EPY16	

EPYJ



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPYJ04	EPYJ5/32
EPYJ06	EPYJ3/16
EPYJ08	EPYJ1/4
EPYJ10	EPYJ5/16
EPYJ12	EPYJ3/8
EPYJ16	

EPM



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPM04	EPM5/32
EPM06	EPM3/16
EPM08	EPM1/4
EPM10	EPM5/16
EPM12	EPM3/8
EPM14	EPM1/2
EPM16	

EPG



ΦD2

MODEL[ΦD1-ΦD2]

Tube(Metric)	Tube(Inch)
EPG06-04	EPG16-12
EPG08-04	EPG16-14
EPG08-06	EPG14-3/16
EPG10-06	EPG16-1/4
EPG10-08	EPG3/8-5/16
EPG12-10	EPG1/2-3/8

EPZA



ΦD

MODEL[ΦD]

Tube(Metric)	Tube(Inch)
EPZA 04	EPZA 5-32
EPZA 06	EPZA 3/16
EPZA 08	EPZA 1/4
EPZA 10	EPZA 5/16
EPZA 12	EPZA 3/8
EPZA 16	EPZA 1/2

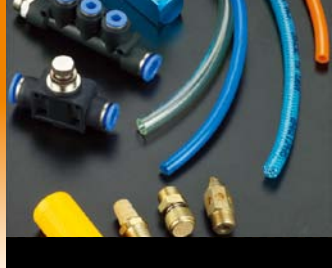
EPW



ΦD1

MODEL[ΦD1-ΦD2]

Tube(Metric)	Tube(Inch)
EPW06-04	EPW3/16-5/32
EPW08-06	EPW1/4-5/32
EPW10-08	EPW1/4-3/16
EPW12-10	EPW5/16-1/4
EPW16	EPW3/8-5/16
EPW12-3/8	EPW1/2-3/8


EPEW


MODEL(Φ D1-Φ D2)	
Tube(Metric)	Tube(Inch)
EPEW06-04	EPEW1/4-5/32
EPEW08-06	EPEW5/16-1/4
EPEW10-08	EPEW3/8-5/16
EPEW12-10	EPEW1/2-3/8
EPEW16-12	

EPEJ


MODEL(Φ D1-Φ D2)	
Tube(Metric)	Tube(Inch)
EPEJ 06-04	EPEJ 1/4-5/32
EPEJ 08-06	EPEJ 5/16-1/4
EPEJ 10-08	EPEJ 3/8-5/16
EPEJ 12-10	EPEJ 1/2-3/8

EPEG


MODEL(Φ D1-Φ D2)	
Tube(Metric)	Tube(Inch)
EPEG06-04	EPEG1/4-5/32
EPEG08-06	EPEG5/16-1/4
EPEG10-08	EPEG3/8-5/16
EPEG12-10	EPEG1/2-3/8
EPEG16-12	

EPSJ


MODEL(Φ D1-Φ D2)	
Tube(Metric)	Tube(Inch)
EPSJ 06-04	EPSJ 1/4-5/32
EPSJ 08-06	EPSJ 5/16-1/4
EPSJ 10-08	EPSJ 3/8-5/16
EPSJ 12-10	EPSJ 1/2-3/8

EPKG


MODEL(Φ D1-Φ D2)	
Tube(Metric)	Tube(Inch)
EPKG 06-04	EPKG 3/16-5/32
EPKG 08-04	EPKG 1/4-5/32
EPKG 08-06	EPKG 5/16-5/32
EPKG 10-06	EPKG 3/16-3/16
EPKG 10-08	EPKG 5/16-1/4
	EPKG 3/8-1/4
	EPKG 3/8-5/16

EPKB


MODEL(Φ D-T)	
Tube(Metric)	Tube(Metric)
EPKB 04-01	EPKB 08-01
EPKB 04-02	EPKB 08-02
EPKB 06-01	EPKB 08-03
EPKB 06-02	
EPKB 06-03	

EPIG


MODEL(Φ D1-Φ D2)	
Tube(Metric)	
EPIG 06-04	
EPIG 08-06	
EPIG 10-08	
EPIG 12-10	

EPKD


MODEL(Φ D1-Φ D2-T)	
Tube(Metric)	Tube(Inch)
EPKD 06-04-1	EPKD 3/16-5/32-N1
EPKD 08-04-2	EPKD 1/4-5/32-N1
EPKD 08-06-2	EPKD 5/16-5/32-N2
EPKD 10-08-3	EPKD 5/16-1/4-N2
	EPKD 3/8-5/16-N3

EPWJ


MODEL(Φ D1-Φ D2)	
Tube(Metric)	Tube(Inch)
EPWJ06-04	EPWJ1/4-5/32
EPWJ08-06	EPWJ5/16-1/4
EPWJ10-08	EPWJ3/8-5/16
EPWJ12-10	EPWJ1/2-3/8

EPK


MODEL(Φ D)	
Tube(Metric)	Tube(Inch)
EPK 04	EPK 5-32
EPK 06	EPK 3/16
EPK 08	EPK 1/4
	EPK 5/16

One Touch-In Fitting with O-Ring

EPC-G



MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPC 04-G01	EPC 08-G02	EPC 12-G02
EPC 04-G02	EPC 08-G03	EPC 12-G03
EPC 06-G01	EPC 08-G04	EPC 12-G04
EPC 06-G02	EPC 10-G01	EPC 14-G03
EPC 06-G03	EPC 10-G02	EPC 14-G04
EPC 06-G04	EPC 10-G03	EPC 16-G03
EPC 08-G01	EPC 10-G04	EPC 16-G04

EPL-G



MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPL 04-G01	EPL 08-G02	EPL 12-G02
EPL 04-G02	EPL 08-G03	EPL 12-G03
EPL 06-G01	EPL 08-G04	EPL 12-G04
EPL 06-G02	EPL 10-G01	EPL 14-G03
EPL 06-G03	EPL 10-G02	EPL 14-G04
EPL 06-G04	EPL 10-G03	EPL 16-G03
EPL 08-G01	EPL 10-G04	EPL 16-G04

EPCF-G



MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPCF 04-G01	EPCF 08-G03	EPCF 12-G03
EPCF 04-G02	EPCF 08-G04	EPCF 12-G04
EPCF 06-G01	EPCF 10-G01	EPCF 14-G03
EPCF 06-G02	EPCF 10-G02	EPCF 14-G04
EPCF 06-G03	EPCF 10-G03	EPCF 16-G03
EPCF 08-G01	EPCF 10-G04	EPCF 16-G04
EPCF 08-G02	EPCF 12-G02	

EPLF-G



MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPLF 04-G01	EPLF 08-G03	EPLF 12-G03
EPLF 04-G02	EPLF 08-G04	EPLF 12-G04
EPLF 06-G01	EPLF 10-G01	EPLF 14-G03
EPLF 06-G02	EPLF 10-G02	EPLF 14-G04
EPLF 06-G03	EPLF 10-G03	EPLF 16-G03
EPLF 08-G01	EPLF 10-G04	EPLF 16-G04
EPLF 08-G02	EPLF 12-G02	

EPOC-G



MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPOC 04-G01	EPOC 08-G02	EPOC 12-G02
EPOC 04-G02	EPOC 08-G03	EPOC 12-G03
EPOC 06-G01	EPOC 08-G04	EPOC 12-G04
EPOC 06-G02	EPOC 10-G01	EPOC 14-G04
EPOC 06-G03	EPOC 10-G02	EPOC 16-G03
EPOC 06-G04	EPOC 10-G03	EPOC 16-G04
EPOC 08-G01	EPOC 10-G04	

EPLL-G



MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPLL 04-G01	EPLL 08-G02	EPLL 12-G02
EPLL 04-G02	EPLL 08-G03	EPLL 12-G03
EPLL 06-G01	EPLL 08-G04	EPLL 12-G04
EPLL 06-G02	EPLL 10-G01	EPLL 14-G04
EPLL 06-G03	EPLL 10-G02	EPLL 16-G03
EPLL 06-G04	EPLL 10-G03	EPLL 16-G04
EPLL 08-G01	EPLL 10-G04	

EPMF-G

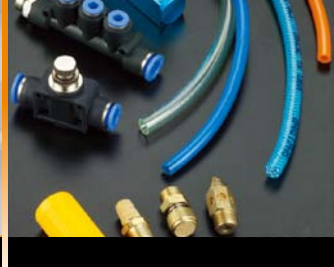


MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPMF 04-G01	EPMF 08-G02	EPMF 12-G02
EPMF 04-G02	EPMF 08-G03	EPMF 12-G03
EPMF 06-G01	EPMF 08-G04	EPMF 12-G04
EPMF 06-G02	EPMF 10-G01	EPMF 14-G03
EPMF 06-G03	EPMF 10-G02	EPMF 14-G04
EPMF 06-G04	EPMF 10-G03	EPMF 16-G03
EPMF 08-G01	EPMF 10-G04	EPMF 16-G04

EPLH-G



MODEL(ΦD-T)	
Tube(Metric)-Thread(G)	
EPLH 04-G01	EPLH 08-G04
EPLH 04-G02	EPLH 10-G01
EPLH 06-G01	EPLH 10-G02
EPLH 06-G02	EPLH 10-G03
EPLH 06-G03	EPLH 10-G04
EPLH 06-G04	EPLH 12-G02
EPLH 08-G01	EPLH 12-G03
EPLH 08-G02	EPLH 12-G04
EPLH 08-G03	


EPB-G


MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPB 04-G01	EPB 08-G02	EPB 12-G02
EPB 04-G02	EPB 08-G03	EPB 12-G03
EPB 06-G01	EPB 08-G04	EPB 12-G04
EPB 06-G02	EPB 10-G01	EPB 14-G03
EPB 06-G03	EPB 10-G02	EPB 14-G04
EPB 06-G04	EPB 10-G03	EPB 16-G03
EPB 08-G01	EPB 10-G04	EPB 16-G04

EPH-G


MODEL(ΦD-T)	
Tube(Metric)-Thread(G)	
EPH 04-G01	EPH 12-G04
EPH 06-G01	
EPH 06-G02	
EPH 08-G01	
EPH 08-G02	
EPH 08-G03	
EPH 10-G02	
EPH 10-G03	
EPH 12-G03	

EPD-G


MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPD 04-G01	EPD 08-G02	EPD 12-G02
EPD 04-G02	EPD 08-G03	EPD 12-G03
EPD 06-G01	EPD 08-G04	EPD 12-G04
EPD 06-G02	EPD 10-G01	EPD 14-G03
EPD 06-G03	EPD 10-G02	EPD 14-G04
EPD 06-G04	EPD 10-G03	EPD 16-G03
EPD 08-G01	EPD 10-G04	EPD 16-G04

EPHF-G


MODEL(ΦD-T)	
Tube(Metric)-Thread(G)	
EPHF 04-G01	EPHF 12-G04
EPHF 06-G01	
EPHF 06-G02	
EPHF 08-G01	
EPHF 08-G02	
EPHF 08-G03	
EPHF 10-G02	
EPHF 10-G03	
EPHF 12-G03	

EPBF-G


MODEL(ΦD-T)		
Tube(Metric)-Thread(G)		
EPBF 04-G01	EPBF 08-G02	EPBF 12-G02
EPBF 04-G02	EPBF 08-G03	EPBF 12-G03
EPBF 06-G01	EPBF 08-G04	EPBF 12-G04
EPBF 06-G02	EPBF 10-G01	EPBF 14-G03
EPBF 06-G03	EPBF 10-G02	EPBF 14-G04
EPBF 06-G04	EPBF 10-G03	EPBF 16-G03
EPBF 08-G01	EPBF 10-G04	EPBF 16-G04

EPKB-G


MODEL(ΦD-T)	
Tube(Metric)-Thread(G)	
EPKB 06-G01	
EPKB 06-G02	
EPKB 06-G03	
EPKB 08-G01	
EPKB 08-G02	
EPKB 08-G03	

EPWT-G


MODEL(ΦD-T)	
Tube(Metric)-Thread(G)	
EPWT 04-G01	EPWT 08-G04
EPWT 04-G02	EPWT 10-G01
EPWT 06-G01	EPWT 10-G02
EPWT 06-G02	EPWT 10-G03
EPWT 06-G03	EPWT 10-G04
EPWT 06-G04	EPWT 12-G02
EPWT 08-G01	EPWT 12-G03
EPWT 08-G02	EPWT 12-G04
EPWT 08-G03	

EPKD-G


MODEL(ΦD1-ΦD2-T)	
Tube(Metric)-Thread(G)	
EPKD 06-04-G01	
EPKD 08-04-G02	
EPKD 08-06-G02	
EPKD 10-08-G03	

Hand Valve

EHVFS



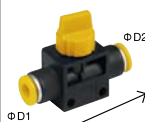
MODEL[ΦD-T]		
Tube(Metric)		Thread(R)
EHVFS 06-01	EHVFS 10-02	EHVFS 12-02
EHVFS 06-02	EHVFS 10-03	EHVFS 12-03
EHVFS 06-03	EHVFS 10-04	EHVFS 12-04
EHVFS 08-01		
EHVFS 08-02		
EHVFS 08-03		

EHVSF



MODEL[T-ΦD]		
Tube(Metric)		Thread(R)
EHVSF 01-06	EHVSF 03-08	EHVSF 02-12
EHVSF 02-06	EHVSF 02-10	EHVSF 03-12
EHVSF 03-06	EHVSF 03-10	EHVSF 04-12
EHVSF 01-08	EHVSF 04-10	
EHVSF 02-08		

EHVFF



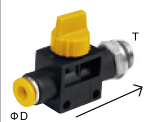
MODEL[ΦD1-ΦD2]	
Tube(Metric)	
EHVFF 06-06	EHVFF 12-10
EHVFF 08-06	EHVFF 12-12
EHVFF 08-08	
EHVFF 10-08	
EHVFF 10-10	

EHVSS



MODEL[T1-T2]	
Thread(R)	
EHVSS 01-01	EHVSS 04-03
EHVSS 02-01	EHVSS 04-04
EHVSS 02-02	
EHVSS 03-02	
EHVSS 03-03	

EHVFS-G



MODEL[ΦD-T]		
Tube(Metric)		Thread(G)
EHVFS 06-G01	EHVFS 08-G03	EHVFS 12-G02
EHVFS 06-G02	EHVFS 10-G02	EHVFS 12-G03
EHVFS 06-G03	EHVFS 10-G03	EHVFS 12-G04
EHVFS 08-G01	EHVFS 10-G04	
EHVFS 08-G02		

EHVSF-G

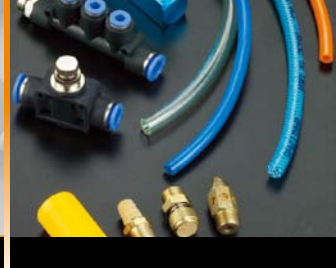


MODEL[T-ΦD]		
Tube(Metric)		Thread(G)
EHVSF G01-06	EHVSF G03-08	EHVSF G02-12
EHVSF G02-06	EHVSF G02-10	EHVSF G03-12
EHVSF G03-06	EHVSF G03-10	EHVSF G04-12
EHVSF G01-08	EHVSF G04-10	
EHVSF G02-08		

EHVSS-G



MODEL[ΦT1-ΦT2]	
Thread(G)	
EHVSS 01-G02	EHVSS 04-G03
EHVSS 02-G01	EHVSS 04-G04
EHVSS 02-G02	
EHVSS 03-G02	
EHVSS 03-G03	



Speed Controller

ESC



MODEL(Φ D-T)					
Tube(Metric)-Thread(R)		Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)	
ESC 04-M5	ESC 08-03	ESC 1/4-M5	ESC 5/32-U	ESC 5/16-N1	
ESC 04-01	ESC 08-04	ESC 1/4-01	ESC 5/32-N1	ESC 5/16-N2	
ESC 04-02	ESC 10-01	ESC 1/4-02	ESC 3/16-U	ESC 5/16-N3	
ESC 06-M5	ESC 10-02	ESC 5/16-01	ESC 3/16-N1	ESC 5/16-N4	
ESC 06-01	ESC 10-03	ESC 5/16-02	ESC 3/16-N2	ESC 3/8-N2	
ESC 06-02	ESC 10-04	ESC 5/16-03	ESC 3/16-N3	ESC 3/8-N3	
ESC 06-03	ESC 12-02	ESC 3/8-02	ESC 1/4-U	ESC 3/8-N4	
ESC 06-04	ESC 12-03	ESC 3/8-03	ESC 1/4-N1	ESC 1/2-N3	
ESC 08-01	ESC 12-04		ESC 1/4-N2	ESC 1/2-N4	
ESC 08-02			ESC 1/4-N3		

ESC-G



MODEL(Φ D-T)	
Tube(Metric)	
ESC 04-G01	ESC 08-G04
ESC 04-G02	ESC 10-G01
ESC 06-G01	ESC 10-G02
ESC 06-G02	ESC 10-G03
ESC 06-G03	ESC 10-G04
ESC 06-G04	ESC 12-G02
ESC 08-G01	ESC 12-G03
ESC 08-G02	ESC 12-G04
ESC 08-G03	

ESA



MODEL(Φ D1 - Φ D2)	
Tube(Metric)	Tube(Inch)
ESA 04	ESA 5/32
ESA 06	ESA 3/16
ESA 08	ESA 1/4
ESA 10	ESA 5/16
ESA 12	ESA 3/8
	ESA 1/2

Mini Fitting

EPC-C



MODEL(Φ D-T)		
Tube(Metric)		
EPC 03-M3C	EPC 04-M3C	EPC 06-M5C
EPC 03-M5C	EPC 04-M5C	EPC 06-M6C
EPC 03-M6C	EPC 04-M6C	EPC 06-01C
	EPC 04-01C	

EPB-C



MODEL(Φ D-T)		
Tube(Metric)		
EPB 03-M3C	EPB 04-M3C	EPB 06-M5C
EPB 03-M5C	EPB 04-M5C	EPB 06-M6C
EPB 03-M6C	EPB 04-M6C	EPB 06-01C
	EPB 04-01C	

EPCF-C



MODEL(Φ D-T)		
Tube(Metric)		
EPCF 03-M3C	EPCF 04-M3C	EPCF 06-M5C
EPCF 03-M5C	EPCF 04-M5C	EPCF 06-M6C
EPCF 03-M6C	EPCF 04-M6C	EPCF 06-01C
	EPCF 04-01C	

EPD-C



MODEL(Φ D-T)		
Tube(Metric)		
EPD 03-M3C	EPD 04-M3C	EPD 06-M5C
EPD 03-M5C	EPD 04-M5C	EPD 06-M6C
EPD 03-M6C	EPD 04-M6C	EPD 06-01C
	EPD 04-01C	

EPOC-C



MODEL(Φ D-T)		
Tube(Metric)		
EPOC 03-M3C	EPOC 04-M3C	EPOC 06-M5C
EPOC 03-M5C	EPOC 04-M5C	EPOC 06-M6C
EPOC 03-M6C	EPOC 04-M6C	EPOC 06-01C
	EPOC 04-01C	

EPU-C



MODEL(Φ D)	
Tube(Metric)	
EPU 03C	
EPU 04C	
EPU 06C	

Mini Fitting

EPL-C



MODEL(ΦD-T)		
Tube(Metric)		
EPL 03-M3C	EPL 04-M3C	EPL 06-M5C
EPL 03-M5C	EPL 04-M5C	EPL 06-M6C
EPL 03-M6C	EPL 04-M6C	EPL 06-01C
	EPL 04-01C	

EPE-C



MODEL(ΦD)		
Tube(Metric)		
EPE 03C		
EPE 04C		
EPE 06C		

EPLL-C



MODEL(ΦD-T)		
Tube(Metric)		
EPLL 03-M3C	EPLL 04-M3C	EPLL 06-M5C
EPLL 03-M5C	EPLL 04-M5C	EPLL 06-M6C
EPLL 03-M6C	EPLL 04-M6C	EPLL 06-01C
	EPLL 04-01C	

EPY-C



MODEL(ΦD)		
Tube(Metric)		
EPY 03C		
EPY 04C		
EPY 06C		

EPUL-C



MODEL(ΦD)		
Tube(Metric)		
EPUL 03C		
EPUL 04C		
EPUL 06C		

EPC-G-C



MODEL(ΦD-T)		
Tube(Metric)		
EPC 04-G01C		
EPC 04-G01C		

EPG-C



MODEL(ΦD2-ΦD1)		
Tube(Metric)		
EPG 04-03C		
EPG 06-03C		
EPG 06-04C		

EPL-G-C

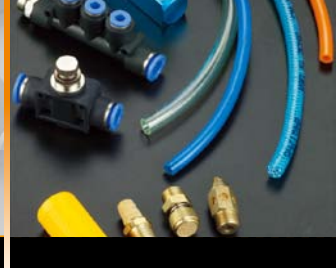


MODEL(ΦD-T)		
Tube(Metric)		
EPL 04-G01C		
EPL 04-G01C		

EPW-C



MODEL(ΦD2-ΦD1)		
Tube(Metric)		
EPW 04-03C		
EPW 06-03C		
EPW 06-04C		



Stop Fitting

ESPC



MODEL(ΦD-T)
Tube(Metric)
ESPC 06-01
ESPC 06-02
ESPC 08-02
ESPC 08-03

ESPL-G



MODEL(ΦD-T)
Tube(Metric)
ESPL 06-G01
ESPL 06-G02
ESPL 08-G01
ESPL 08-G02
ESPL 08-G03

ESPL



MODEL(ΦD-T)
Tube(Metric)
ESPL 06-M5
ESPL 06-01
ESPL 06-02
ESPL 08-01
ESPL 08-02
ESPL 08-03

ESPC-G



MODEL(ΦD-T)
Tube(Metric)
ESPC 06-G01
ESPC 06-G02
ESPC 08-G02
ESPC 08-G03

ESPU



MODEL(ΦD)
Tube(Metric)
ESPU 06
ESPU 08

Check Valve

ECVPF



MODEL(T1-T2)
Tube(Metric)
ECVPF 02-02
ECVPF 03-03

ECVPF-G



MODEL(T1-T2)
Tube(Metric)
ECVPF G02-G02
ECVPF G03-G03

Metal One Touch Fitting

EMPC-G

ΦD



MODEL(ΦD-T)		
Tube(Metric)-Thread(R)		
EMPC 04-M5	EMPC 06-G02	EMPC 10-G01
EMPC 04-M6	EMPC 06-G03	EMPC 10-G02
EMPC 04-G01	EMPC 06-G04	EMPC 10-G03
EMPC 04-G02	EMPC 08-G01	EMPC 10-G04
EMPC 06-M5	EMPC 08-G02	EMPC 12-G02
EMPC 06-M6	EMPC 08-G03	EMPC 12-G03
EMPC 06-G01	EMPC 08-G04	EMPC 12-G04

T

EMPU



ΦD

MODEL(ΦD)	
Tube(Metric)	
EMPU 04	EMPU 10
EMPU 06	EMPU 12
EMPU 08	

EMPCF-G

ΦD



MODEL(ΦD-T)		
Tube(Metric)-Thread(R)		
EMPCF 04-M5	EMPCF 06-G02	EMPCF 10-G01
EMPCF 04-M6	EMPCF 06-G03	EMPCF 10-G02
EMPCF 04-G01	EMPCF 06-G04	EMPCF 10-G03
EMPCF 04-G02	EMPCF 08-G01	EMPCF 10-G04
EMPCF 06-M5	EMPCF 08-G02	EMPCF 12-G02
EMPCF 06-M6	EMPCF 08-G03	EMPCF 12-G03
EMPCF 06-G01	EMPCF 08-G04	EMPCF 12-G04

T

EMPE



ΦD

MODEL(ΦD)	
Tube(Metric)	
EMPE 04	EMPE 10
EMPE 06	EMPE 12
EMPE 08	

EMPL-G



ΦD

MODEL(ΦD-T)		
Tube(Metric)-Thread(R)		
EMPL 04-M5	EMPL 06-G02	EMPL 10-G01
EMPL 04-M6	EMPL 06-G03	EMPL 10-G02
EMPL 04-G01	EMPL 06-G04	EMPL 10-G03
EMPL 04-G02	EMPL 08-G01	EMPL 10-G04
EMPL 06-M5	EMPL 08-G02	EMPL 12-G02
EMPL 06-M6	EMPL 08-G03	EMPL 12-G03
EMPL 06-G01	EMPL 08-G04	EMPL 12-G04

T

EMPY



ΦD

MODEL(ΦD)	
Tube(Metric)	
MEPY 04	MEPY 10
MEPY 06	MEPY 12
MEPY 08	

EMPB-G

ΦD



MODEL(ΦD-T)		
Tube(Metric)-Thread(R)		
EMPB 04-M5	EMPB 06-G02	EMPB 10-G01
EMPB 04-M6	EMPB 06-G03	EMPB 10-G02
EMPB 04-G01	EMPB 06-G04	EMPB 10-G03
EMPB 04-G02	EMPB 08-G01	EMPB 10-G04
EMPB 06-M5	EMPB 08-G02	EMPB 12-G02
EMPB 06-M6	EMPB 08-G03	EMPB 12-G03
EMPB06-G01	EMPB 08-G04	EMPB 12-G04

T

EMPM



ΦD

MODEL(ΦD)	
Tube(Metric)	
EMPM 04	EMPM 10
EMPM 06	EMPM 12
EMPM 08	

EMPSC

T



ΦD

MODEL(ΦD-T)		
Tube(Metric)-Thread(R)		
EMPSC 04-M5	EMPSC 06-G02	EMPSC 10-G01
EMPSC 04-M6	EMPSC 06-G03	EMPSC 10-G02
EMPSC 04-G01	EMPSC 06-G04	EMPSC 10-G03
EMPSC 04-G02	EMPSC 08-G01	EMPSC 10-G04
EMPSC 06-M5	EMPSC 08-G02	EMPSC 12-G02
EMPSC 06-M6	EMPSC 08-G03	EMPSC 12-G03
EMPSC 06-G01	EMPSC 08-G04	EMPSC 12-G04

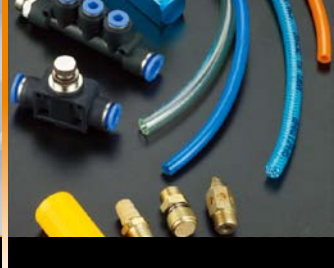
EMPGJ

ΦD1



ΦD2

MODEL(ΦD1-ΦD2)	
Tube(Metric)	
EMPGJ 06-04	EMPGJ 10-08
EMPGJ 08-04	EMPGJ 12-08
EMPGJ 08-06	EMPGJ 12-10
EMPGJ 10-06	



How to Order?

EMC
EMC Series

-- 06 --
03: Orifice 3mm, For tube 4mm
04: Orifice 4mm, For tube 6mm
06: Orifice 6mm, For tube 8mm
08: Orifice 8mm, For tube 10mm
10: Orifice 10mm, For tube 12mm

01
Thread
01: 1/8"
02: 1/4"
03: 3/8"
04: 1/2"

Order Example:
* EMC Series, Orifice 6mm, For Tube 8mm, 1/8" Thread, Model: EMC06-01

Model



EMC

EMC4-M8 EMC8-01
EMC4-01 EMC8-02
EMC4-02 EMC8-03
EMC4-03 EMC8-04
EMC4-04 EMC10-01
EMC6-01 EMC10-02
EMC6-02 EMC10-03
EMC6-03 EMC10-04
EMC6-04

Model



EML

EML3-M8 EML6-03
EML3-01 EML6-04
EML3-02 EML8-01
EML4-M8 EML8-02
EML4-01 EML8-03
EML4-02 EML8-04
EML4-03 EML10-01
EML4-04 EML10-02
EML6-01 EML10-03
EML6-02 EML10-04

Model



EMB

EMB3-M8 EMB6-03
EMB3-01 EMB6-04
EMB3-02 EMB8-01
EMB4-M8 EMB8-02
EMB4-01 EMB8-03
EMB4-02 EMB8-04
EMB4-03 EMB10-01
EMB4-04 EMB10-02
EMB6-01 EMB10-03
EMB6-02 EMB10-04

Model



EMW

EMW4-M8 EMW8-01
EMW4-01 EMW8-02
EMW4-02 EMW8-03
EMW4-03 EMW8-04
EMW4-04 EMW10-01
EMW6-01 EMW10-02
EMW6-02 EMW10-03
EMW6-03 EMW10-04
EMW6-04

Model



EMSC

EMSC4-M8 EMSC8-01
EMSC4-01 EMSC8-02
EMSC4-02 EMSC8-03
EMSC4-03 EMSC8-04
EMSC4-04 EMSC10-01
EMSC6-01 EMSC10-02
EMSC6-02 EMSC10-03
EMSC6-03 EMSC10-04
EMSC6-04

Model



EMH

EMH3-M8
EMH3-01
EMH4-M8
EMH4-01
EMH6-01
EMH6-02
EMH8-02
EMH8-03
EMH10-03
EMH10-04

Model



EMZT

EMZT3-M8 EMZT6-03
EMZT3-01 EMZT6-04
EMZT3-02 EMZT8-01
EMZT4-M8 EMZT8-02
EMZT4-01 EMZT8-03
EMZT4-02 EMZT8-04
EMZT4-03 EMZT10-01
EMZT4-04 EMZT10-02
EMZT6-01 EMZT10-03
EMZT6-02 EMZT10-04

Model



EMP

EMP3-M8 EMP6-03
EMP3-01 EMP6-04
EMP3-02 EMP8-01
EMP4-M8 EMP8-02
EMP4-01 EMP8-03
EMP4-02 EMP8-04
EMP4-03 EMP10-01
EMP4-04 EMP10-02
EMP6-01 EMP10-03
EMP6-02 EMP10-04

Model



EMF

EMF3-M8 EMF6-03
EMF3-01 EMF6-04
EMF3-02 EMF8-01
EMF4-M8 EMF8-02
EMF4-01 EMF8-03
EMF4-02 EMF8-04
EMF4-03 EMF10-01
EMF4-04 EMF10-02
EMF6-01 EMF10-03
EMF6-02 EMF10-04

Model



EMKB

EMKB3-M8 EMKB6-03
EMKB3-01 EMKB6-04
EMKB3-02 EMKB8-01
EMKB4-M8 EMKB8-02
EMKB4-01 EMKB8-03
EMKB4-02 EMKB8-04
EMKB4-03 EMKB10-01
EMKB4-04 EMKB10-02
EMKB6-01 EMKB10-03
EMKB6-02 EMKB10-04

Model



EMKD

EMKD3-M8
EMKD3-01
EMKD4-M8
EMKD4-01
EMKD6-01
EMKD6-02
EMKD8-02
EMKD8-03
EMKD10-03
EMKD10-04

Model



EMU

EMU3
EMU4
EMU6
EMU8
EMU10

Model



EMV

EMV3
EMV4
EMV6
EMV8
EMV10

Model



EME

EME3
EME4
EME6
EME8
EME10

Model



EMY

EMY4
EMY6
EMY8
EMY10

Model



EMZA

EMZA3
EMZA4
EMZA6
EMZA8
EMZA10

Model



EMM

EMM3
EMM4
EMM6
EMM8
EMM10

Model



EMCF

EMCF3-M8 EMCF6-03
EMCF3-01 EMCF6-04
EMCF3-02 EMCF8-01
EMCF4-M8 EMCF8-02
EMCF4-01 EMCF8-03
EMCF4-02 EMCF8-04
EMCF4-03 EMCF10-01
EMCF4-04 EMCF10-02
EMCF6-01 EMCF10-03
EMCF6-02 EMCF10-04

How to Order?

EC	--	1/4	--	1/8"	--	N
EC Series		Tube		Thread		Blank: BSP N: NPT

U.S.A Style Fitting

Model

EC

EC1/8-10-32UNF	EC1/4-1/4N	EC3-1/8	EC8-3/8
EC1/8-1/8N	EC1/4-3/8N	EC4-1/8	EC8-1/2
EC5/32-10-32UNF	EC1/4-1/2N	EC4-1/4	EC10-1/8
EC5/32-1/8N	EC5/16-3/8N	EC5-1/8	EC10-1/4
EC5/32-1/4N	EC5/16-1/2N	EC6-1/8	EC10-3/8
EC5/32-1/2N	EC3/8-1/4N	EC6-1/4	EC10-1/2
EC3/16-10-32UNF	EC3/8-1/8N	EC6-3/8	EC12-1/4
EC3/16-1/8N	EC3/8-1/2N	EC6-1/2	EC12-3/8
EC3/16-3/8N	EC1/2-1/4N	EC8-1/8	EC12-1/2
EC3/16-1/2N	EC1/2-3/8N	EC8-1/4	
EC1/4-10-32UNF	EC1/2-1/2N		
EC1/4-1/8N			

Model

EL

EL1/8-1/8N	EL1/4-3/8N	EL1/2-1/2N	EL10-1/4
EL1/8-1/4N	EL1/4-1/2N	EL1/2-M16	EL10-3/8
EL5/32-1/8N	EL5/16-1/8N	EL4-1/8	EL10-1/2
EL5/32-1/4N	EL5/16-1/4N	EL5-1/8	EL12-1/4
EL5/32-3/8N	EL5/16-3/8N	EL6-1/8	EL12-3/8
EL5/32-1/2N	EL3/8-1/8N	EL6-1/4	EL12-1/2
EL3/16-1/8N	EL3/8-1/4N	EL6-3/8	
EL3/16-1/4N	EL3/8-3/8N	EL6-1/2	
EL3/16-3/8N	EL3/8-1/2N	EL8-1/8	
EL3/16-1/2N	EL3/8-M16	EL8-1/4	
EL1/4-1/8N	EL1/2-1/4N	EL8-3/8	
EL1/4-1/4N	EL1/2-3/8N	EL8-1/2	
		EL10-1/8	

Model

ECF

ECF1/4-1/8N
ECF1/4-1/4N
ECF3/8-1/4N
ECF3/8-3/8N
ECF6-1/8
ECF6-1/4
ECF8-1/4
ECF10-1/4
ECF10-3/8

Model

EPLL

EPLL1/8-1/8N	EPLL4-1/4
EPLL5/32-1/8N	EPLL6-1/8
EPLL5/32-1/4N	EPLL6-1/4
EPLL1/4-1/8N	EPLL8-1/8
EPLL1/4-1/4N	EPLL8-1/4
EPLL1/4-3/8N	EPLL10-1/8
EPLL3/8-1/8N	EPLL10-1/4
EPLL3/8-1/4N	EPLL10-3/8
EPLL3/8-3/8N	EPLL12-3/8
EPLL3/8-1/2N	EPLL12-1/2
EPLL1/2-3/8N	
EPLL3-1/4	

Model

EU

EU1/8
EU5/32
EU3/16
EU1/4
EU5/16
EU3/8
EU1/2
EU3
EU4
EU5
EU6
EU8
EU10
EU12

Model

EV

EE-1/8
EE-5/32
EE-3/16
EE-1/4
EE-5/16
EE-3/8
EE-1/2
EE-3
EE-4
EE-5
EE-6
EE-8
EE-10
EE-12

Model

EV1/8	EV8
EV5/32	EV10
EV3/16	EV12
EV1/4	
EV5/8	
EV1/2	
EV3	
EV4	
EV5	
EV6	

Model

ED

ED1/8-1/8N	ED1/4-3/8N	ED1/2-1/2N	ED10-1/2
ED1/8-1/4N	ED1/4-1/2N	ED6-1/8	ED12-1/4
ED5/32-1/8N	ED5/16-1/8N	ED6-1/4	ED12-3/8
ED5/32-1/4N	ED5/16-1/4N	ED6-3/8	
ED5/32-3/8N	ED5/16-3/8N	ED6-1/2	
ED5/32-1/2N	ED5/16-1/2N	ED8-1/8	
ED3/16-1/8N	ED3/8-1/8N	ED8-1/4	
ED3/16-1/4N	ED3/8-1/4N	ED8-3/8	
ED3/16-3/8N	ED3/8-3/8N	ED8-1/2	
ED3/16-1/2N	ED3/8-1/2N	ED10-1/8	
ED1/4-1/8N	ED1/2-1/4N	ED10-1/4	
ED1/4-1/4N	ED1/2-3/8N	ED10-3/8	

Model

EB

EB1/8-1/8N	EB1/4-3/8N	EB1/2-1/2N	EB10-1/2
EB1/8-1/4N	EB1/4-1/2N	EB6-1/8	EB12-1/4
EB5/32-1/8N	EB5/16-1/8N	EB6-1/4	EB12-3/8
EB5/32-1/4N	EB5/16-1/4N	EB6-3/8	EB12-1/2
EB5/32-3/8N	EB5/16-3/8N	EB6-1/2	
EB5/32-1/2N	EB5/16-1/2N	EB8-1/8	
EB3/16-1/8N	EB3/8-1/8N	EB8-1/4	
EB3/16-1/4N	EB3/8-1/4N	EB8-3/8	
EB3/16-3/8N	EB3/8-3/8N	EB8-1/2	
EB3/16-1/2N	EB3/8-1/2N	EB10-1/8	
EB1/4-1/8N	EB1/2-1/4N	EB10-1/4	
EB1/4-1/4N	EB1/2-3/8N	EB10-3/8	

Model

EM

EM-1/4
EM-3/8
EM-1/2

* Inch tube & metric tube are both available, and there are PT, NPT, BSP, NPTF thread for your reference.

Metal Fitting


EC
Model

EC-01
EC-02
EC-03
EC-04


EF-M
Model

EF-01M
EF-02M
EF-03M
EF-04M
EF-05M


EV
Model

EV-01
EV-02
EV-03
EV-04


EL
Model

EL-01
EL-02
EL-03
EL-04


EF-F
Model

EF-01F
EF-02F
EF-03F
EF-04F


EH
Model

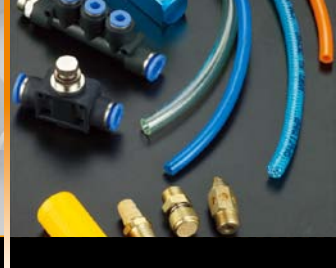
EH-01
EH-02
EH-03
EH-04


EHU
Model

EHU-01
EHU-02
EHU-03
EHU-04


EHC
Model

EHC-01
EHC-02
EHC-03
EHC-04


Quick Coupler
Material: Steel Zinc S.S.


Model	Size
SH-20	5/16" TUBE
SH-30	3/8" TUBE
SH-40	1/2" TUBE
SF-20	1/4PT
SF-30	3/8PT
SF-40	1/2PT
SM-20	1/4PT
SM-30	3/8PT
SM-40	1/2PT
SP-20	5/16" TUBE
SP-30	3/8" TUBE
SP-40	1/2" TUBE



Model	Size
PH-20	5/16" TUBE
PH-30	3/8" TUBE
PH-40	1/2" TUBE
PF-20	1/4PT
PF-30	3/8PT
PF-40	1/2PT
PM-20	1/4PT
PM-30	3/8PT
PM-40	1/2PT
PP-20	5/16" TUBE
PP-30	3/8" TUBE
PP-40	1/2" TUBE

SMY

1/4PT
3/8PT

SML


1/4PT

SMM


1/4PT

SMV

1/4PT
3/8PT

SMT


1/4PT

SMX


1/4PT

Hydraulic Fitting / Pressure: 0-600Bar

LQ-KT12

1/8*1/8	1/2*1/2	1*1-1/4
1/8*1/4	1/2*3/4	1*1-1/2
1/8*3/8	1/2*1	1*2
1/4*1/4	1/2*1-1/4	1-1/4*1-1/4
1/4*3/8	3/4*3/4	1-1/4*1-1/2
1/4*1/2	3/4*1	1-1/4*2
3/8*3/8	3/4*1-1/4	1-1/2*1-1/2
3/8*1/2	3/4*1-1/2	1-1/2*2
3/8*3/4	1*1	2*2


LQ-KT13

D4	D18
D5	D20
D6	D22
D8	D25
D10	D28
D12	D32
D14	
D16	


LQ-KT14

D6	D22
D8	D25
D10	D28
D12	D32
D14	
D16	
D18	
D20	


LQ-KT17

1/8*6mm	3/8*12mm
1/8*8mm	1/2*6mm
1/8*10mm	1/2*8mm
1/4*6mm	1/2*10mm
1/4*8mm	1/2*12mm
1/4*10mm	1/2*14mm
1/4*12mm	1/2*15mm
3/8*8mm	1/2*16mm
3/8*10mm	


LQ-KT15

D6	D22
D8	D25
D10	D28
D12	D32
D14	
D16	
D18	
D20	

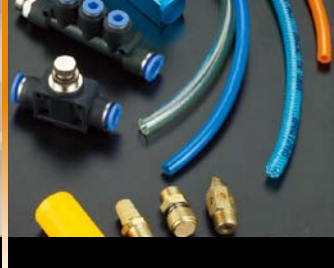
Milton Type Couplers and Plugs

Tru-Flate Couplers and Plugs

Aro Type Couplers and Plugs

Orion Type Couplers and Plugs

Joint with 2 Milled Nuts



PU TUBE

Model:

4x2.5 6x4 8x5 8x6 10x6.5
12x8 14x10 16x12

Type: Roll Type

Length: 200m 100m

Colour:


Type: Spring Type
(With Fitting, Optional)

Length: 15m 12m 9m
7.5m 6m

Colour:


Size: 3/8x1/4 1/2x3/8 8x5
10x6.5 11x6 12x8 13x9
13.5x8 13.5x9.5 14x10
14.5x10 15x9 16x10
16x11 18x12 18x13
Operating Pressure: 200Pis
Max. Pressure: 600Pis
Temperature: -20° 65°C

PE TUBE

Model: 4x2.5 6x4 8x5 8x6
10x6.5 12x8

Type: Roll Type/Spring Type

Length: 200m 100m 50m
35m 30m

Colour:


NYLON Tube
Model:

3x2 4x2.5 5x3 6x4 8x5 8x6
10x7.5 12x8 14x10 16x12

Type: Roll Type

Length: 200m 100m 50m 35m
30m

Colour:


PU CUTTER

ECP-01
Air Gun

EB-094O

EB-094Y

EB-092

EB-092A

EB-093

Pressure Switch

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Pressure Switch

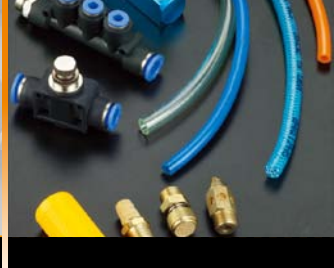


HEP503 HEP506 HEP506M
HEP110 HEP516 HEP520
HEP530D HEP530 HEP530M

HEP830 HEP830HM
HEP830HLM

HEC02

Model		Pressure Range(Bar)		Differential(Bar)		Factory Setting (Bar)		Max. Bellows Press.(Bar)
		Min.	Max.	Min.	Max.			
HEP503		-0.7	3	0.2	1.5	2±0.01	1±0.01	16.5
HEP506		-0.7	6	0.6	4	3±0.01	2±0.01	16.5
HEP506M		-0.7	6	Duplicate Voltage Disparity ≤1		3±0.01	Manual Return	16.5
HEP110		1	10	1	3	6±0.01	5±0.01	16.5
HEP516		5	16	1	4	10±0.02	8±0.02	35
HEP520		5	24	2	5	16±0.02	13±0.02	35
HEP530D		5	30	5	10	20±0.02	15±0.02	35
HEP530		8	30	Fixed 3-5		20±0.02	15`17±0.02	35
HEP530M		8	30	Duplicate Voltage Disparity ≤4		20±0.02	Maunual Return	35
HEP830	Low Side	-0.7	6	0.6	4	3±0.01	2±0.01	16.5
	High Side	8	30	Fixed 3-5		20±0.02	17.5±0.02	35
	Low Side	-0.7	6	0.6	4	3±0.01	2±0.01	16.5
HEP830HM	High Side	8	30	Duplicate Voltage Disparity ≤4		20	Maunual Return	35
	Low Side	-0.7	6	Duplicate Voltage Disparity ≤1		3	Maunual Return	16.5
HEP830HLM	High Side	8	30	Duplicate Voltage Disparity ≤4		20	Maunual Return	35


Support Bar Gas Spring


Support bar is also called balancer. Its characteristic is the establishment of pressure energy reserve obtained by injecting high-pressure nitrogen gas. Special seal, piston rod and outer tube together make up of a dependable seal system, which enjoys such advantages of big lift but small volume, big working stroke but small lift change, steady operation and convenient installation as compared with the mechanical spring. It is widely used for open of trunk compartment and rear trunk door of cars or applied in various kinds of modern storage rack, printing machinery, woodworking machinery and textile machinery etc.

YQ	XX / XX	--- XXX	--- XXXX	--- (X-X)	XXXX
TYPE	Dia. of piston rod	O.D. of barrel	Stroke	Extending Length	Type of Pressure fitting

Adjusting Bar Gas Spring


Adjusting bar is also called angle adjusting gas spring. It is a liquid-gas integrated component with high-pressure nitrogen gas as energy reservation medium. The spring force is produced by compressed nitrogen. By control of the valve open, the oil gas may flow from one side of the piston to the other side. Under manual operation, the piston bar freely stretches and may be fixed at any position. It is suitable for various locations requiring angle or height adjustment, such as adjustment of the angle of backrest of bus seat, adjustment of different angles of office chairs and special mechanical combination such as steering wheel system.

JKQ	---	XX	---	XXX	---	XXXX	---	(X-X)	----	XXXX
TYPE		Dia. of piston rod		O.D. of barrel		Stroke		Extending Length		Type of fitting Pressure

Raise Spring Gas Spring


The height of raise spring can be freely adjusted within the set stroke range by using adjusting handle until the best position is achieved. The spring works steadily and is easy for operation. It is suitable for various kinds of chairs requiring adjustment of height and angle, including office chair, turning chairs and medical treatment chair etc.

SKQ	---	XX	---	XXX	---	XXXX	(X-X)	----	XXXX
TYPE		O.D. of barrel		Stroke		Extending Length		Type of fitting	Pressure

Pressure Gauge

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Pressure Gauge

PHOTO	DESCRIPTION OF GOODS	MODEL	OPTIONAL
	STEEL SHELL, PLASTIC LENS, BOTTOM CONNECTION	EY803	1.5"-6" -F WITH FLANGE -U WITH U CLAMP -R RHOMBUS CLAMP
	STEEL SHELL, PLASTIC LENS, BACK CONNECTION	EY804	
	PLASTIC SHELL, PLASTIC LENS, BACK CONNECTION	EY805	1.5"-4"
	PLASTIC SHELL, PLASTIC LENS, BOTTOM CONNECTION	EY806	
	S.S 304 SHELL, BACK CONNECTION, WITHOUT OIL	EY807	1.5"-6" -F WITH FLANGE -U WITH U CLAMP -R RHOMBUS CLAMP
	S.S 304 SHELL, BOTTOM CONNECTION, WITHOUT OIL	EY808	
	FULL S.S., BOTTOM CONNECTION, WITHOUT OIL	EY809	1.5"-6" -F WITH FLANGE -U WITH U CLAMP -R RHOMBUS CLAMP
	FULL S.S., BACK CONNECTION, WITHOUT OIL	EY810	
	s.s 304 SHELL, BOTTOM CONNECTION, WITH OIL	EYN801	1.5"-6" -F WITH FLANGE -U WITH U CLAMP -R RHOMBUS CLAMP
	s.s 304 SHELL, BACK CONNECTION, WITH OIL	EYN802	
	FULL S.S., BOTTOM CONNECTION, WITH OIL	EYN803	1.5"-6" -F WITH FLANGE -U WITH U CLAMP -R RHOMBUS CLAMP
	FULL S.S., BACK CONNECTION, WITH OIL	EYN804	

* How to order: Pls tell us the model NO. and don't forget to point out the Pressure range.



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