



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 Ehemal 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 turn 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 ratio, 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 enterprise certificate



* Import and export certificate



* 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 HPSC



* Chinese partner of US-China 1000 SME



* SME Credit Rating Certificate



* Quality Credit certificate



* Member of famous brand products Association



* CE certificate



* CE certificate

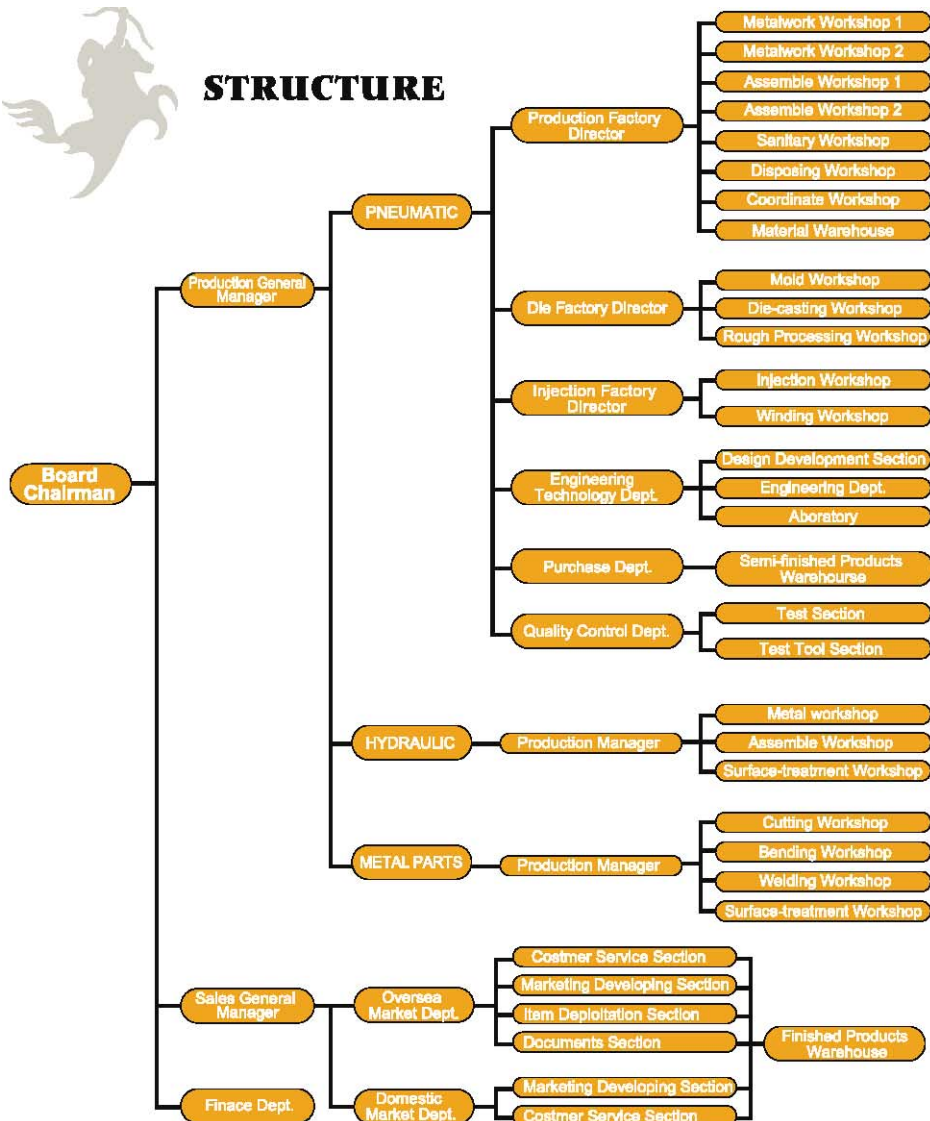


* ISO9001:2000 Quality system certificate





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 enterprise economic benefit and the social community effect eventually.

Research & Development

Since E · MC president Mr. Sun Guangfang 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 60 days.







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 control 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 control of the computers, changing knives very fast to finish precise and complex machining for valve body, cylinder and covers and other big parts, keeping aluminium crumbs from fault machining away, guarantee excellent function and appearance 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 6S control system.

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

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

Whole Staff's Participation in 6S: Settle, Shakeup, Spotless, Sweep and Self-cultivation.

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

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





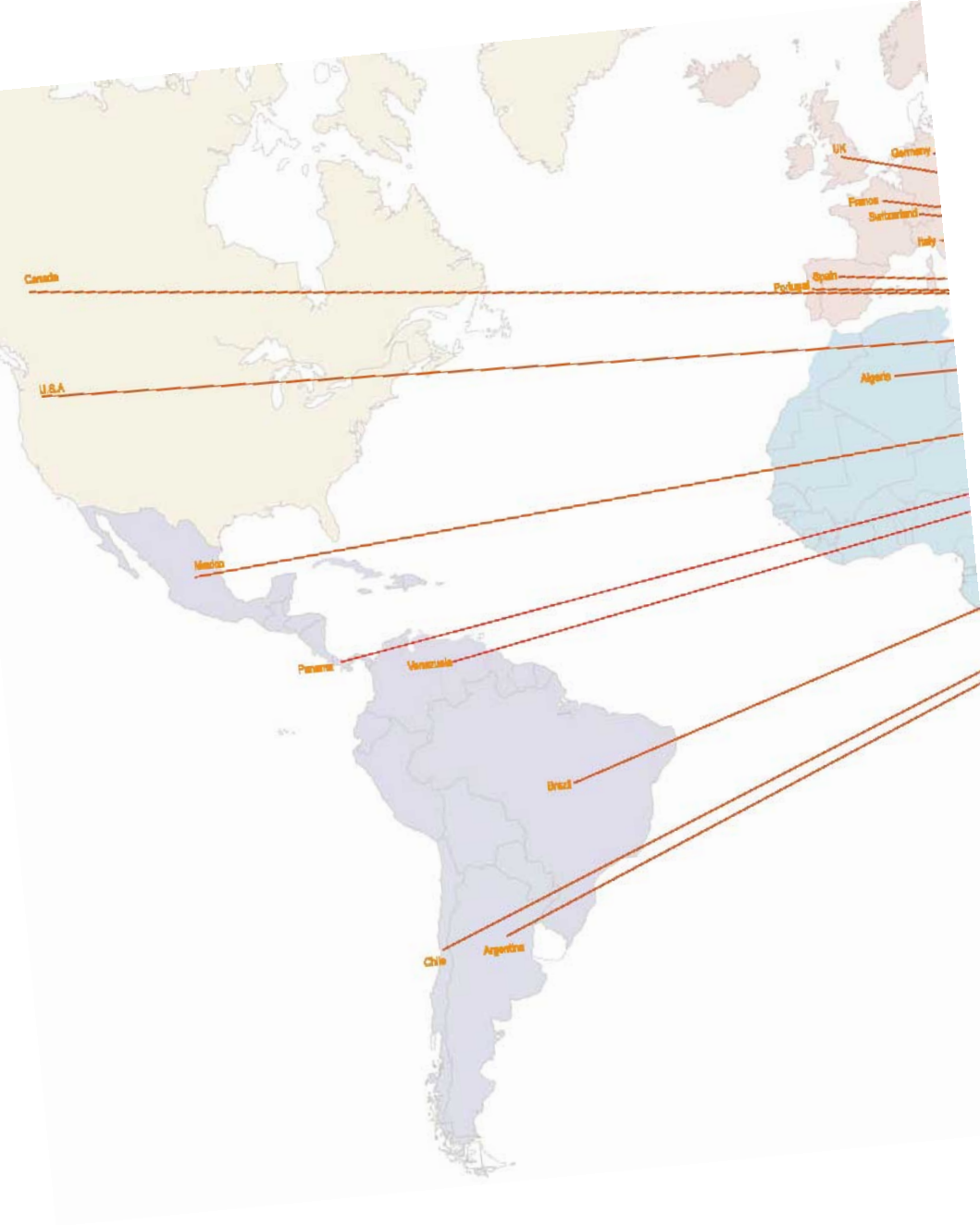


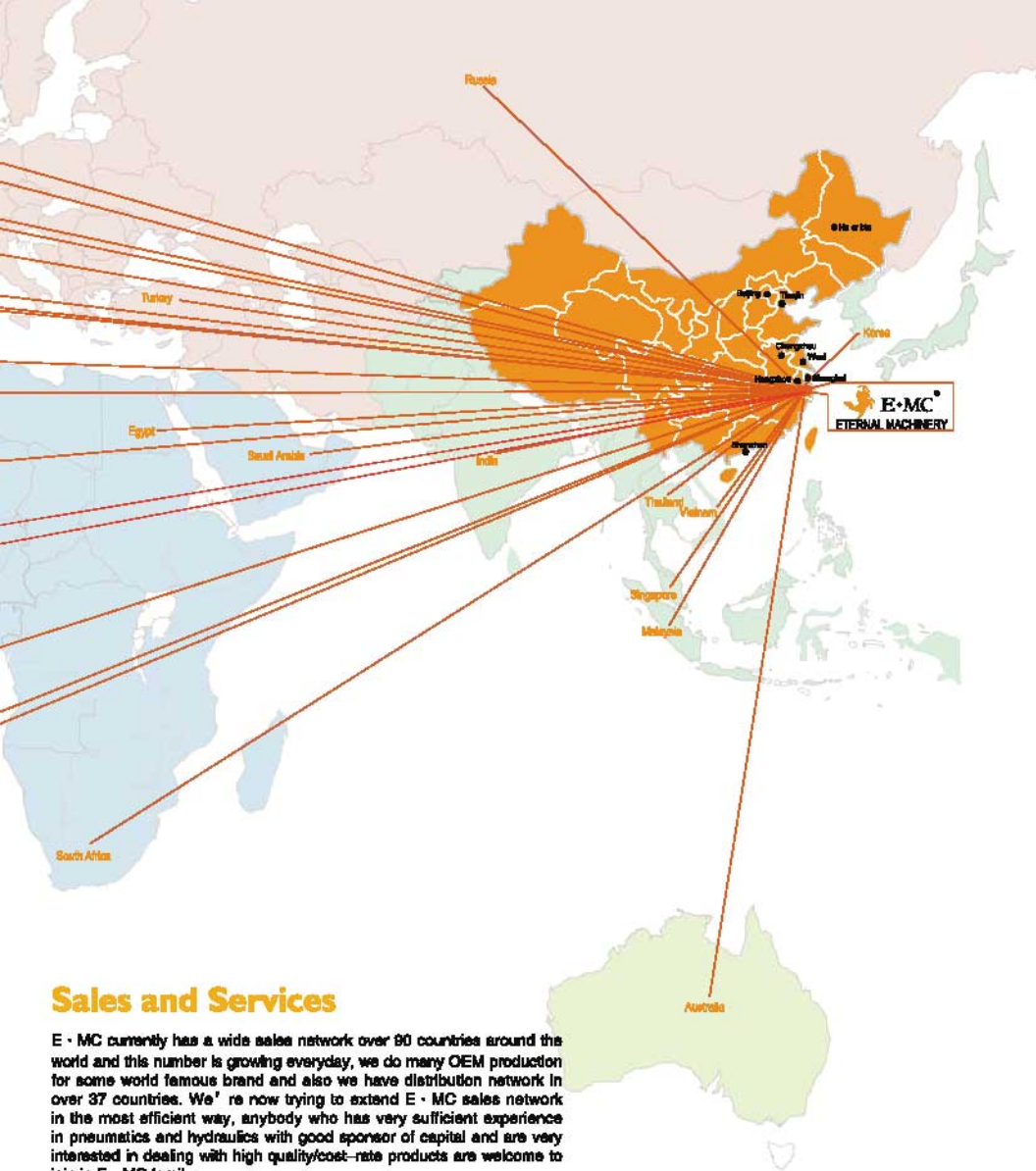


We're always focusing on technical creation, the E.MC advanced LAB provides such a foundation.....

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, construction, 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 80 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 competitive prices and fastest response to make sure our agent win the possibly biggest market share. For important agent, E · MC will dispatch training teacher to do training for our agent's

sales staff and help them to show the products in exhibition. 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 experinling 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: 8-32mm



ESB Series Cylinder Bore Size: 20-100mm



SWB Series Cylinder Bore Size: 3-45mm



TC Series Cylinder



Bore Size: 32-800mm Tie-rod standard



RA Series Cylinder Bore Size: 16-40mm



AS Series Cylinder Bore Size: 12-40mm



VBC Series Cylinder Bore Size: 32-200mm ISO6431 & VDMA24582



EMQ Series Cylinder Bore Size: 10-800mm



SQ Series Cylinder Bore Size: 12-100mm



SHL2 Series Cylinder Bore Size: 10-40mm Popular



FVBCFHC Series Standard Cylinder



How to Order?

FV -- **B** **C** -- **ISO50** - **S** - **□** - **□**
FV: Standard cylinder
D: Double-shaft type
A: Double-shaft, adjustable stroke type
C: Thrust-rod type
ISO50: Bore x Stroke
S: Stroke
S: 32-100mm
S: 2500mm
S: Electric No magnet
S: With Magnet
□: End fitting type
□: Electric Swivel type
PV: Y fitting
F: F fitting
PF: Flaring fitting
RF: Bearing fitting
Mounting type:
Basic: Basic type
FLZ: Foot Mounting
PPAF: Front Rear Flare Mounting
AG: Single Transition Mounting
FCB: Double Transition Mounting
PCB: Double Transition with Hinge Mounting
□: Square type barrel
□: Micro type barrel

Order example:

* FX series Sucker mouse type, Standard Type, 22mm bore, 150mm stroke, Model F03C 300/160

Specifications

Base Shipping	32	40	50	55	60	100	Base Shipping	32	40	50	55	60	100
Airline type	Double Acting						Overlaid pressure (Bar)	13.5					
Working medium	Clean Air (25 µm filtration)						Working temperature (°C)	-5 ~ +70					
Mounting type	PVA	FRS	PCA	FCR	RUB		Speed range (mm/s)	80-500					
	FTC	FTC-M	FCR				Cushion type	Adjustable Cushion					
Roll and Ring Type	PY	FI	FF	RS			Cushion stroke (mm)	24		32			
Range of working pressure (bar)	1-0.9						Port Size	0 1/8	0 1/4	0 3/8	0 1/2	0 1/2	0 1/2

WBC/LBC Series Standard Cylinders

How to Order?

Y	-	B	C	-	50x50	-	S	--		-	
B: Standard cylinder C: Double-shaft type A: Double-shaft, adjustable stroke type S: Reversing type		Bore x Stroke 32-250mm 0-3000mm		Blank: No magnet S: With Magnet		Mounting type: Blank: Base type V: Flitting VF: Flaxing flitting VH: Bearing flitting		Rod and fitting type: Blank: Base type VF: V fitting VF: Flaxing flitting VH: Bearing flitting			
According to ISO6434 Standard											
Y: Midy Mouse type											
L: Tie-Rod type											

Order number:

*V-series Midway mouse has Double-shell with adjustable stroke 20mm, 30mm base, 180mm stroke.

Model: VPC 600100-30

* L-series Tie-rod type, Standard Type, 30mm base, 50mm stroke, with magnet, Model: LHC-32030-B

Specifications

Size (Square Feet)	32	40	48	60	80	100	120	160	200	Size (Square Feet)	28	40	48	60	80	100	120	160	200		
Acting type	Double Acting										Working temperature (°C)	-10 ~ 70									
Working medium	Clean Air (35 μ Strainer)										Speed range (mm/s)	10~800									
Mounting type	VPA VPS VQA VQB VOR VLS										Cushion type	Adjustable Cushion									
Feed and fitting type	VF VI VF VS										Cushion stroke (mm)	24 32									
Range of working pressure (Mpa)	1~8.0										Part size	Q16 Q18 Q25 Q32 Q36									
Guaranteed pressure (Mpa)	13.5																				



TBCABC Series Standard Cylinder



TBC 時-100



1986 1987



TDC 0-126



TAC 136-10



TMC 84-26-13

How to Order?



Order examples

*T series cylinder, Standard type, 22mm bore, 50mm stroke, with integral, Model: TMC 22X50-B

* X series cylinder, double shaft with adjustable stroke 20mm, 40mm bore, 200mm stroke, Model KAC 40C200-20

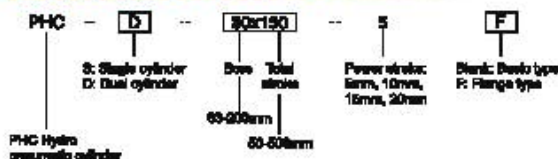
Specifications

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Size (mm)	32	40	50	63	80	100	125	160	200
Welding temperature (°C)	-5 ~ 70								
Speed range (mm/s)	50 ~ 300								
Cushion type	Adjustable Cushion								
Cushion adjust (mm)	22								
Part size	G1/8	G1/4	G3/8	G1/2	G3/4				

PHC Hydro Pneumatic Cylinder

How to Order?



Order example:

PHC type hydro pneumatic cylinder, basic type, single cylinder, 50mm bore, 160mm stroke, 8mm power stroke Model No. PHC-5-80C160-5

PHC type hydro pneumatic cylinder, single type, dual cylinder, 100mm bore, 250mm stroke, 10mm power piston Model No. PHC-D-100x250-10F



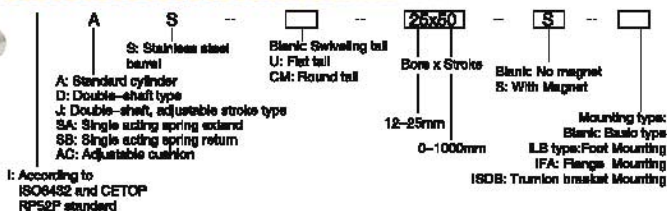
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Specifications

Base Size/Year	60	40	100	200	180	240
Working medium	Clean air with oil (pressure 0.5, in 10 minutes and with length 40")					
Overrated pressure (bar)	12					
Working pressure (bar)	2-3					
Assemble and working mm	0-70					

Motor (Electron)	63	66	90C	133	166	200
Phase speed (rpm/s)	180-250					
Output power (watt)	1850-88000					
Return force (kg)	No demand according to load size, the red diameter and working pressure					
Interconnectors	all (200-150)					


IAS Series Mini Cylinder
How to Order?

IAS 25x50-S


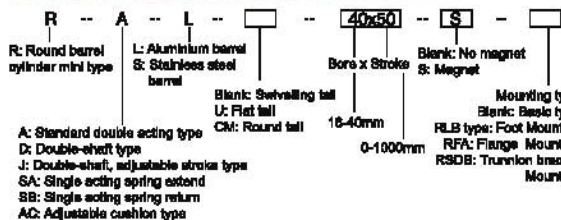
Order example:

* 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: IAS 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)	0-50 (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?


Order example:

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

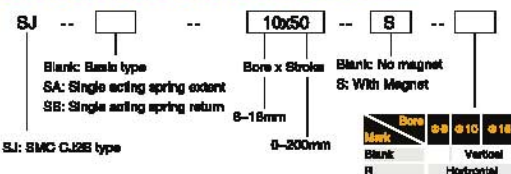
* R series cylinder with stainless steel barrel, adjustable cushion type, 20mm bore, 80mm stroke, with magnet, Model: RAC 20x80-S


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				
Range of working pressure (Bar)	1-9.0					Cushion Type	Anti-bump cushion				
Guaranteed pressure (Bar)	13.5					Port Size	M5 x 0.8				



How to Order?



Order examples:

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

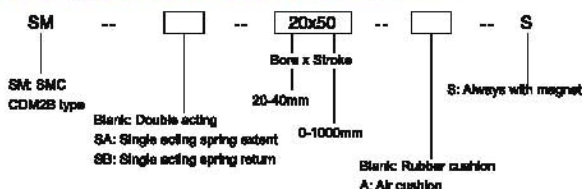
* SJ type mini cylinder, single acting spring return type, 10mm bore, 25mm stroke, with magnet. Model: S.JSA 10X25-S

Specifications

Bore Size(mm)	6	10	18
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)		60~760	
Cushion type		Both Ends Cushion	
Tolerance of stroke		+1.0	

SM Series Stainless Steel Mini Type Cylinder

How to Order?



Order example:

* SM type mini cylinder, basic type, 16mm bore, 80mm stroke, with magnet. Model: SM 12x80-S

* SM type mini cylinder, single acting spring extend type, 10mm bore, 25mm strokes, with magnet. Model: SIMSA 10X25-S

Specifications

Bore Size(mm)	20	25	32	40
Working medium		Clean Air (25 μ filtered)		
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


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
EA: Slim double action cylinder
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
B: 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)	8				
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
6-16mm
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: SPD5 10X25-B5

Specifications

Bore Size(mm)	6	10	16	Bore Size(mm)	6	10	16
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 0		
Max. working pressure (Bar)	7			Lubrication	Not required		
Min. working pressure (Bar)	2	1.5	0.8	Port Size	Max 0.8		
SPD	1.2						

SE Series European Standard Compact Cylinder



How to Order?

SE

1000

5

20X30

F

Blank: No magnet
B: With Magnet

Bare X Stroke
12-100mm
0-150mm

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

SE: European standard
compact cylinder

Order example:

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

* SE type european standard compact cylinder, with magnet, 32mm bore, 100 strokes, with male thread.
Model: SES32*100-B

Specifications

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

SD Series Compact Cylinder



How to Order?

80

1

20050

1

☐

SD: Asian SDA type

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

Bore x Stroke
12-100mm
0-180mm

Blank: No magnet
S: With Magnet

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

Order example:

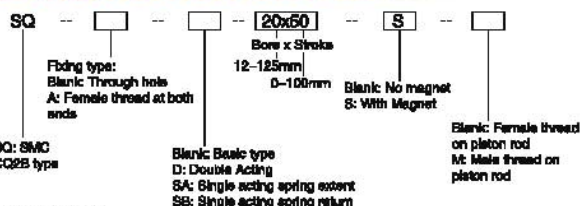
* SD type compact cylinder, basic type, 40mm bore, 76mm stroke, female thread on piston rod end, Model: SD 40x76

* SD type compact cylinder, single acting spring extend type, 12mm bore, 30mm stroke, with magnet, male thread on piston rod end. Media: SD3A 12x30-SM

Specifications

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		Single acting		1-9		—			
Max. working pressure (Bar)	2-9				13.5					
Working temperature (°C)					-5 ~ 70					
Speed range (mm/s)	Double acting		Single acting				30-350		30-250	
Cushion type					Fixed cushion					
Port Size (mm)	M6x0.5				G 1/8		G 1/4		G 3/8	


SQ Series Compact Cylinder

How to Order?

Order example:

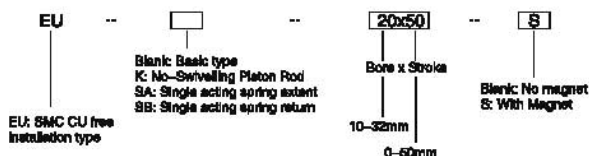
* SQ type compact cylinder, basic type, fixing type: through hole, 50mm bore, 85mm stroke, Model: SQ 60x85

* 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: SQA5B 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 extend										
Max. working pressure (Bar)	15										
Working pressure(Bar)	1~10										
Working temperature (°C)	0~60										
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										

How to Order?

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 extend				
Guaranteed pressure (Bar)	10				
Working pressure (Bar)	7				
Working temperature (°C)	5~80				
Cushion type	Rubber cushion				
Port Size	M5x0.8 G 1/8				



EN/EXS Series Cylinder

10

EN Series Double-shaft cylinder

**NEW
TECHNOLOGY**



EN 15x15

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	15	20	25	32
Acting type	Double acting				
Working medium	Clean air (25 μ filtration)				
Working pressure (Bar)	1-8				
Guaranteed pressure (Bar)	13.5				
Working temperature (°C)	-5~70				
Speed range (mm/s)	100~600				
Adjusting stroke (mm)	-10~0				
Cushion type	Adjustable cushion				
Non-rotating accuracy	0.4°				
Port Size	M5x0.8				

EXS Series Double-Shaft Cylinder

How to Order?

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

EXS: SMC EXS Series

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

Bore x Stroke
10-32mm
0-100mm

S: Always with magnet

Order example:

- * EXS Series, Slide Bearing type, 10mm Bore, 30mm stroke, Model: EXSM 10x30-S
- * EXS Series, Ball Bearing type, 15mm Bore, 30mm stroke, Model: EXSL15x30-S

**Hot
Double
Power**



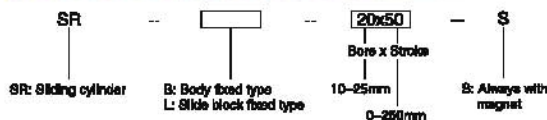
EXSM 10x30

Specifications

Bore(mm)	10	15	20	25	32
Working Medium	Air				
Acting type	Double Acting				
Guaranteed Pressure(Bar)	10.5				
Max. Working Pressure(Bar)	7				
Min. Working Pressure(Bar)	1		0.5		
Working Temperature(°C)	5-80				
Cushion	Both Ends Cushion				
Structure	Double Power				

Bore(mm)	10	15	20	25	32
Lubrication	Not required				
Adjustable Cushion	Return Stroke 0~5mm				
Bearing	Slide Bearing type & Ball Bearing type				
No-rotating accuracy	Slide Bearing type ± 0.15	Ball bushing ± 0.13	Slide Bearing type ± 0.11	Ball bushing ± 0.1	Slide Bearing type ± 0.08
Port Size	M5x0.8				

SR Series Slide cylinder

SRB 18x100
How to Order?

Order example:

* SR type sliding cylinder, body fixed type, 20mm bore, 50mm stroke,

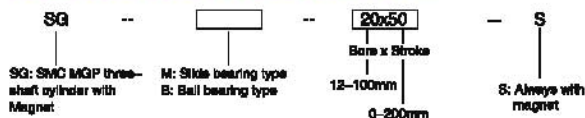
Model: SRB 20X50-S

* SR type sliding cylinder, slide block fixed type, 18mm bore, 75mm stroke,

Model: SRL 18X75-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 retuning accuracy	$\pm 0.1^*$		$\pm 0.5^*$	
Port Size		M5x0.8		G 1/8

SG Series Three-shaft cylinder
How to Order?

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


SGM18x30-S
Specifications

Bore(mm)	12	16	20	25	32	40	60	63	80	100
Guaranteed pressure (Bar)						15.3				
Working pressure (Bar)						1.2-10.2				
Working temperature (°C)						-10 ~ 60				
Piston speed (mm/s)						50-500			50-400	
Cushion						Rubber cushion				

Bore(mm)	12	16	20	25	32	40	60	63	80	100
Tolerance of stroke						+1.5				
Bearing						Slide bearing / Ball bushing bearing				
Non-rotating accuracy						$\pm 0.08^*$	$\pm 0.07^*$	$\pm 0.06^*$	$\pm 0.25^*$	$\pm 0.04^*$
Port Size						$\pm 0.10^*$	$\pm 0.09^*$	$\pm 0.08^*$	$\pm 0.06^*$	$\pm 0.05^*$
						M5x0.8	G 1/8	G 1/4	G 3/8	



SAB 15x125

How to Order?

SW --
|
SW: SMC CY1
Series Rodless
cylinder

B: Ball type
S: Slide type
L: Ball bushing bearing
R: Magnetically Coupled Rodless Cylinder—Direct Mount
RG: Magnetically Coupled Rodless Cylinder Direct Mount—Single Joint type

20x50
Bore x Stroke
Ø-83mm
Ø-100mm

-- 
Blank: No magnet
S: With Magnet

Order example:

* SW type Rodless cylinder, basic type, 20mm bore, 50mm stroke, Model: 8VWB 20X50

* SW type Rodless cylinder, slide type, 15mm bore, 75mm stroke. Model: SW8 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)	10.6						
Working pressure (Bar)	1.5-7.1						
Working temperature (°C)	5-50						
Piston speed (mm/s)	50-400						
Cushion	with rubber cushion at two sides						
Tolerance of stroke	0-250: + ^{1.0} - ^{1.0} , 251-1000: + ^{1.4} - ^{1.4} , 1001: - ^{1.4}						
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 --
 EMQ: Basic type Bore
 SMC MSQ type 10-200mm
 A: with adjustable angle screw
 R: with shock absorber

S
|
S: Always with magnet

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



EMC-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	With adjustable angle screw (Bar)	10						
	With shock absorber (Bar)	1						
Min. Working Pressure (Bar)		8						
Working Temperature (°C)		0~80						
Cushion		Rubber Cushion (Standard) / Shock Absorber (Optional)						
Allowed Power	With adjustable angle screw	0.007J	0.026J	0.044J	0.081J	0.24J	0.32J	0.86J
	With shock absorber	0.039J	0.116J	0.234J	0.294J	1.1J	1.6J	2.9J

Bore Size(mm)	10	20	30	50	70	100	200
Angle adjustable Range	0°~180°						
Max. Rotation Angle	180°						
Steady Swing Time Range	0.2~1.0m / 90°			0.2~1.5m / 90° 0.2~2.0m / 90° 0.2~2.5m / 90°			
	0.2~0.7m / 90°			0.2~1.0m / 90°			
Piston Diameter	φ15	φ18	φ21	φ25	φ28	φ32	φ40
Port Size	MSX0.8					G 1/4"	

ERQ Series Stopper Cylinder(Fixed Mounting height)
Hot

ERQA60/5R
How to Order?

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

ERQ: SMC R5Q type
B: Bore X Stroke
0-50mm
20-60mm
Mounting Type
B: Through Hole
A: Both ends tapped style
Acting Type
D: Double acting
B: Single acting with spring
T: Single acting spring extend
Rod end type
Blank: Round bar type
R: 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 reval cap
D: Level roller type with shock absorber and self-lock
E: Level roller type with shock absorber, reval 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, Model ERQB 20x15BK

* ERQ Series Cylinder, Bore 40mm, stroke 30mm, with magnet, both ends female threaded, single acting spring extend, level type(with adjustable shock absorber and reval 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)	16			
Max. Working Pressure(Bar)	10			

Bore Size(mm)	20	32	40	50
Working Temperature	-10~70 (with magnet switch: max. 80°C)			
Cushion	Both ends rubber cushion			
Stroke Tolerance	+1.5mm			
Lubrication*	Not Required			
Mounting Type	Through hole, both ends female threaded			
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
Blank 20 30 40 50 60 70 100
1 40 80 80 100 120 180
2 60 80 100 120 180 200
S: Always with magnet

Order example:

* SHL2 Series, bore 16mm, stroke 30mm, Model SHL2-16D9

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

New

SHL2-10D9
Specifications

Bore(mm)	10	16	20	25	32	40
Working Medium	Clean air (25 μ filtration)					
Acting Type	Double acting					
Guaranteed pressure (Bar)	5					
Min. working pressure(Bar)	1.5			1.0		
Working temperature (°C)	-10~80					
Repeatability (mm)	±0.1					
Effective gripping force (N) at 5Bar*	14	45	74	131	228	396
Port Size	Max0.8 G1/8					

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



HT2-52DM

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: SON - m, Model: SH-T2-40DS

* Tool type Air Gripper: 100N · m. Model: SHT2-63DS

Specifications

Model	SH72-360	SH72-400	SH72-500	SH72-630
Bore(mm)	36	40	50	63
Acting Type	Double Acting			
Working Medium	Clean air (25 μ filtration)			
Range of working pressure (Bar)	1~8			
Working temperature (°C)	5~80			
Lubrication	Not Required			
Finger Open/Close Angle	-3° ~ 26°	-3° ~ 27°	-2° ~ 29°	-2° ~ 25°
Weight (kg)	0.80	1.09	1.93	2.3
Effective gripping force (N)	12.4	36.0	63.0	100

SH22/SHC2 Style Air Gripper

How to Order?

SHZ	2	32	D	
SHZ: SHC-MHZ Parallel type gripper	Finger Quantity 2PCS	Bone ø=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

Order example:

* 8H-22 type parallel type gripper, double acting, 20mm bore, Model: 8H-22-20D

* 81-C2 type point type gripper, single acting, 15mm bore, Model: 81-C2-158



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 ~ +80								
		Single acting:Normal open/Normal close							Max.acting frequency		+0.01							+0.02	
Max. pressure(Bar)		7							Lubrication		Not Required							always have	
Maximum Working pressure(Bar)		Double acting		1.5		2		Magnel											
		Single acting		3		3.5		Thrust Size		M300.5						M300.8			


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**

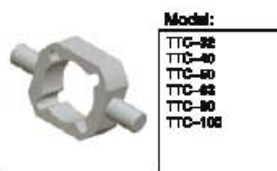
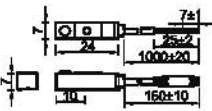
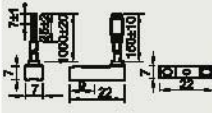
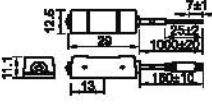
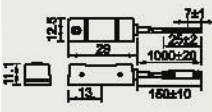
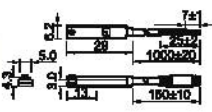
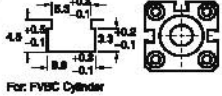
Cylinder Mounting Accessories

Rod end Fitting


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-01 BK-02	BK Series Metal Band			 BK Series PEN Series PN Series
	PEN-01 PEN-02	PEN Series Metal Band			
	PN	PN Series Metal Band			
	PAC	PAC Series Clamp			 PAC Series PM Series PI Series
	PM	PM Series Clamp			
	PI	PI Series Clamp			



AC Series Shock Absorber

18

AC Series Shock Absorber

How to Order?

AC	--	25	--	25	--	1	--	
AC: Multi Non-Adjustable type		Outside Diameter		Stroke		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°~+35
AC-0806-2	6	2	7200	2.0	1.0	-10°~+35
AC-0806-3	6	2	7200	8.0	0.8	-10°~+35
AC-1008-1	8	3	10800	1	3.0	-10°~+35
AC-1008-2	8	3	10800	3	1.5	-10°~+35
AC-1008-3	8	3	10800	7	0.8	-10°~+35
AC-1008-1	8	4	14400	2	3.0	-10°~+35
AC-1008-2	8	4	14400	4	1.5	-10°~+35
AC-1008-3	8	4	14400	9	0.8	-10°~+35
AC-1210-1	10	5	18000	5	3.0	-10°~+35
AC-1210-2	10	5	18000	10	1.5	-10°~+35
AC-1210-3	10	5	18000	30	0.8	-10°~+35
AC-1412-1	12	15	36000	8	3.0	-10°~+35
AC-1412-2	12	15	36000	60	1.5	-10°~+35
AC-1412-3	12	15	36000	100	0.8	-10°~+35
AC-1416-1	16	20	40000	10	3.0	-10°~+35
AC-1416-2	16	20	40000	70	1.5	-10°~+35
AC-1416-3	16	20	40000	160	0.8	-10°~+35
AC-1430-1	20	25	48000	12	3.0	-10°~+35
AC-1430-2	20	25	48000	80	1.5	-10°~+35
AC-1430-3	20	25	48000	160	0.8	-10°~+35
AC-2020-1	20	40	48000	30	3.5	-10°~+35
AC-2020-2	20	40	48000	200	2.0	-10°~+35
AC-2020-3	20	40	48000	700	1.0	-10°~+35
AC-2030-1	30	50	54000	30	3.5	-10°~+35
AC-2030-2	30	50	54000	200	2.0	-10°~+35
AC-2030-3	30	60	64000	700	1.0	-10°~+35
AC-2060-1	60	60	68000	60	3.5	-10°~+35
AC-2060-2	60	80	88000	400	2.0	-10°~+35
AC-2060-3	60	80	88000	1200	1.0	-10°~+35
ACD-2030-1	30	45	54000	40	3.5	-10°~+35
ACD-2030-2	30	45	54000	300	2.0	-10°~+35
ACD-2030-3	30	45	54000	900	1.0	-10°~+35
ACD-2035-1	35	52	62000	40	3.5	-10°~+35
ACD-2035-2	35	52	62000	200	2.0	-10°~+35
ACD-2035-3	35	52	62000	650	1.0	-10°~+35
AC-2525-1	25	80	60000	200	4.0	-10°~+35
AC-2525-2	25	80	60000	800	2.5	-10°~+35
AC-2525-3	25	80	60000	1500	1.0	-10°~+35
AC-2540-1	40	120	84000	300	4.0	-10°~+35
AC-2540-2	40	120	84000	1200	2.5	-10°~+35
AC-2540-3	40	120	84000	2000	1.0	-10°~+35
AC-2550-1	50	98	98000	16	4.0	-10°~+35
AC-2550-2	50	98	98000	40	2.5	-10°~+35
AC-2550-3	50	98	98000	180	1.0	-10°~+35
AC-2580-1	80	150	127500	20	4.0	-10°~+35
AC-2580-2	80	150	127500	50	2.5	-10°~+35
AC-2580-3	80	150	127500	200	1.0	-10°~+35
AC-3880-1	80	250	125000	400	4.0	-10°~+35
AC-3880-2	80	250	125000	1500	2.5	-10°~+35
AC-3880-3	80	250	125000	2400	1.0	-10°~+35

AD -- 25 - 25 -- 1 --

AD: Adjustable Model
25: Outside Diameter
25: Strokes
1: 1: High Impact Speed
2: Medium Impact Speed
3: Low Impact Speed
Blank: With Cap
N: Without Cap

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

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-2018N/2018	18	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
	40	100	84000	700	3.6	-10° +85
	50	98	98000	720	4.2	-10° +85
	60	180	276000	800	4.2	-10° +85
AD-3625	25	180	90000	1400	3.2	-10° +85
AD-3680	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	147600	8000	4.8	-10° +85
AD-84050	50	12000	1580000	12727	1.6	-10° +85
AD-84100	100	24000	1820000	18181	1.6	-10° +85
AD-84150	150	38000	2520000	29638	1.6	-10° +85

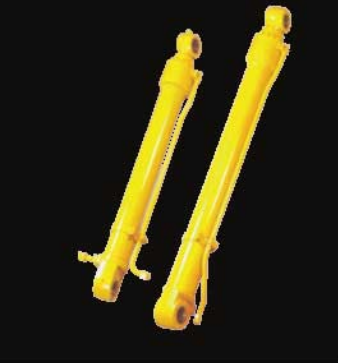
HR -- **15**

HR Series

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

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

Model	A	B	Maximum Stroke (mm)	Working Temperature (°C)	Maximum Load (kg)
HR15	151	135	15	-10 ~ 35	550
HR30	203	172	30	-10 ~ 35	550
HR60	280	219	60	-10 ~ 35	550
HR80	335	255	80	-10 ~ 35	550
HR100	360	260	100	-10 ~ 35	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.







V Series Solenoid Valve (5/2, 5/3) & V Series Air Control Valve (5/2, 5/3)

24

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 M6: M6 M8: 1/8" M8: 1/4" 1B: 3/8" 1B: 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 flow rate
High frequency
Long lifetime
5/2 way valve

型号:

CH1V251-08
CH2V251-08
CH3V251-10
CH4V251-16

Order example:

- * V series, 5 port, 2 position, single control, 1/8" valve body, AC110V, 1/8" port size, DIN coil, Model: V5211E1-08
- * V series, 5 port, 2 position, double control, 1/8" valve body, AC220V, 1/8" port size, flying leads coil, Model: V5212E2-08F
- * V series, 5 port, 3 position, double control, 1/8" valve body, DC24V, 1/8" port size, DIN coil, center close, Model: V5312E4-08C

5 Port 2 Position Valve

Model: V5211-M6 V5211-08	Model: V5221-06 V5221-08 V5231-08 V5231-10	Model: V5241-10 V5241-16	Model: V5212-M6 V5212-06
Model: V5222-06 V5222-08 V5232-10	Model: V5242-10 V5242-16	Model: V5211-M5A V5211-08A V5221-08A V5231-08A V5231-10A	Model: V5241-10A V5241-16A
Model: V5212-M5A V5212-08A V5222-08A V5232-08A V5232-10A	Model: V5242-10A V5242-15A		

5 Port 3 Position Valve

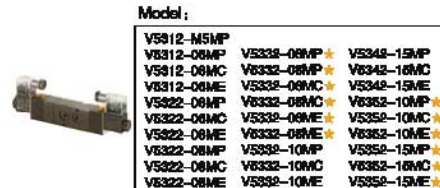
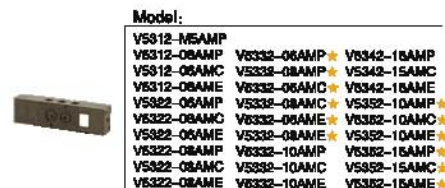
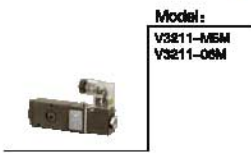
Model: V5312-M5AC V5312-08AC V5312-M5AP V5312-08AP V5312-M5AE V5312-08AE	Model: V5312-M6C V5312-08C V5312-M6P V5312-08P V5312-M6E V5312-08E	Model: V5322-08C V5322-08E V5332-08C V5332-08E V5332-08P V5332-08E V5332-10P V5332-10E	Model: V5342-10C V5342-10P V5342-10E V5342-16P V5342-16E
Model: V5322-08AC V5322-08AP V5322-08AE V5322-08AC V5322-08AP V5322-08AE V5332-08AC V5332-08AP V5332-08AE V5332-10AC V5332-10AP V5332-10AE	Model: V5342-10AC V5342-10AP V5342-16AC V5342-16AP V5342-16AE	Model: V5322-08AC V5322-08AP V5322-08AE V5322-08AC V5322-08AP V5322-08AE V5332-08AC V5332-08AP V5332-08AE V5332-10AC V5332-10AP V5332-10AE	Model: V5342-10AC V5342-10AP V5342-16AC V5342-16AP V5342-16AE



V	--	5	--	2	--	--	--	E2	--	06	--	--	M
V: V series solenoid valve		2: 2 position 3: 3 position				1: Single Control 2: Double Control		Volts: E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: DC24V E8: DC110V E9: DC48V E10: DC36V		Port size M5: M5 M6: 1/8" M8: 1/4" 10: 3/8" 15: 1/2"		NAMUR Valve	
				1: 1/8" Valve Body 2: 1/4" Valve Body 3: 3/8" Valve Body 4: 1/2" Valve Body 5: 5/8" Valve Body								Coil type B: Basic DIN type F: Flying leads A: Air Control	

* V series, 5 port, 2 position, double control, 1/8" valve body, AC220V, 1/8" port size, flying leads
coil. Model: V5212E2-05FM

★ ISO Standard Nemur Valve



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

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How to Order?

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

order example:

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

Model: S6221E2-08F

* S series, 5 Port, 2 position, 3/8" body, double control, 3/8" thread size, air control, Model: S6232-10A

Model:

S6221-08F
S6221-08F
S6231-08F
S6231-10F


Model:

S6221-08D
S6221-08D
S6231-08D
S6231-10D


Model:

S6221-08DL
S6221-08DL
S6231-08DL
S6231-10DL


Model:

S6222-08F
S6222-08F
S6232-08F
S6232-10F


Model:

S6222-08D
S6222-08D
S6232-08D
S6232-10D


Model:

S6222-08DL
S6222-08DL
S6232-08DL
S6232-10DL


Model:

S6322-08FC/S6322-08FC
S6322-08FE/S6322-08FE
S6322-08FP/S6322-08FP
S6332-08FC/S6332-10FC
S6332-08FE/S6332-10FE
S6332-08FP/S6332-10FP


Model:

S6322-08DC/S6322-08DC
S6322-08DE/S6322-08DE
S6322-08DP/S6322-08DP
S6332-08DC/S6332-10DC
S6332-08DE/S6332-10DE
S6332-08DP/S6332-10DP


Model:

S6322-08DLC/S6322-08DLC
S6322-08DLE/S6322-08DLE
S6322-08DLP/S6322-08DLP
S6332-08DLC/S6332-10DLC
S6332-08DLE/S6332-10DLE
S6332-08DLP/S6332-10DLP


Model:

S6221-08A
S6221-08A
S6231-10A


Model:

S6222-08A
S6222-08A
S6232-10A


Manifold

S622-NF
(N=1,2,3,...,14)
S623-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"
L322-06 1/4"
L323-10 3/8"
L324-15 1/2"
Type: 3/2



Model:
L621-08 1/8"
L622-08 1/4"
L623-10 3/8"
L624-15 1/2"
Type: 6/2

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"
H322-06 1/4"
H323-10 3/8"
H324-15 1/2"
Type: 3/2



Model:
H621-08 1/8"
H622-08 1/4"
H623-10 3/8"
H624-15 1/2"
Type: 6/2



Model:
H521-08S 1/8"
H522-08S 1/4"
H523-10S 3/8"
H524-15S 1/2"
Type: 6/2 Spring return



Model:
H531-08S 1/8"
H532-08S 1/4"
H533-10S 3/8"
H534-15S 1/2"
Type: 6/3 Centre close spring return



Model:
H631-08C 1/8"
H632-08C 1/4"
H633-10C 3/8"
H634-16C 1/2"
Type: 6/3 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:
F622-08
Type: 3/2



Model:
F622-08L
Type: 6/2 with Lock



Model:
F622C-08L
Type: 6/2 with Lock and Cover



Model:
F622C-08
Type: 6/2 with Cover



New Big Size

Model:
F622C-08LB
Type: 6/2 with Lock and Cover

Rotary Valve

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



Model:
R432-08
1/4"



Model:
R432-08
1/4"



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



Ceramic Seal

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

Shuttle Valve

Working Pressure: 1.5-10Bar

Quick Exhaust Valve

Working Temperature: -5~80°C

One Way Valve

Slide Valve

Pressure Increase Valve



Model:
ES-06 1/8"
ES-08 1/4"
ES-10 3/8"
ES-16 1/2"
ES-20 3/4"
ES-26 1" * Square type available



Model:
KQP-06 1/8"
KQP-08 1/4"
KQP-10 3/8"
KQP-16 1/2"
KQP-20 3/4"
KQP-26 1"



Model:
EA-06 1/8"
EA-08 1/4"
EA-10 3/8"
EA-16 1/2"
EA-20 3/4"
EA-26 1"



Model:
YH8-08FM 1/8"
YH8-08FM 1/4"
YH8-10FM 3/8"
YH8-16FM 1/2"
YH8-20FM 3/4"
YH8-26FM 1"

New



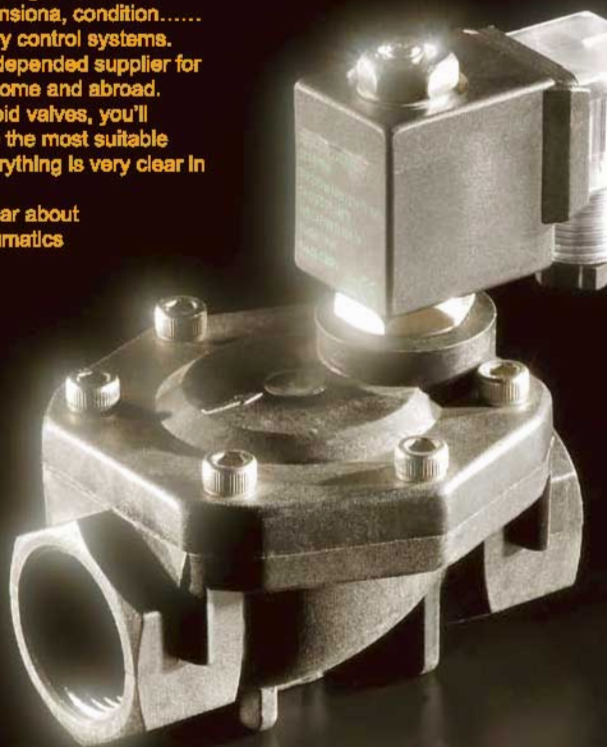
Model:
VAP-06 1/8"
VAP-08 1/4"
VAP-10 3/8"
VAP-16 1/2"



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: AC38V 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 220VAC 50/60Hz	
			Min. Pressure	Max. Working Pressure				VA	W	Brass	Stainless Steel
				Air, Gas	Water, Hot Water, Liquid	Light Oil ≤20CST					
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	—



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 <20cSt		AC 220	DC 24V	Brass	Stainless Steel
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	8	80	22	13	SLP10E2-4L	SLP10E2-4LS1
	4	0.6	0	8	8	8	130	22	13	SLP10EE2-4L	SLP10EE2-4LS1
	4	0.6	0	8	8	8	120	22	13	SLP10VE2-4L	SLP10VE2-4LS1
	10.5	1.58	0	16	16	13	80	22	13	SLP10E2-10.5L	—
	10.5	1.58	0	16	16	—	130	22	13	SLP10EE2-10.5L	—
	10.5	1.58	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	13	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	SLP15VE2-13LS1
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	—	SLPFE2-25LS1
	25	12	0.5	16	16	13	120	22	13	—	SLPFE2-25LS1
Flange 4 Port	35	22	0.5	16	16	13	80	22	13	—	SLPFE2-35LS1
	35	22	0.5	16	16	—	130	22	13	—	SLPFE2-35LS1
	35	22	0.5	16	16	13	120	22	13	—	SLPFE2-35LS1
Flange 4 Port	40	30	0.5	16	16	13	80	22	13	—	SLPFE2-40LS1
	40	30	0.5	16	16	—	130	22	13	—	SLPFE2-40LS1
	40	30	0.5	16	16	13	120	22	13	—	SLPFE2-40LS1
Flange 4 Port	50	48	0.5	16	16	13	80	22	13	—	SLPFE2-50LS1
	50	48	0.5	16	16	—	130	22	13	—	SLPFE2-50LS1
	50	48	0.5	16	16	13	120	22	13	—	SLPFE2-50LS1


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 220VAC 50/60Hz	
				Max. Working Pressure				VA	W	Brass	Stainless Steel
				Air, Gas	Water, Hot Water, Liquid	Light Oil ≤20cSt					
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	SLP06E2-1LH	SLP06E2-1LS1H
	1	0.04	0	30	30	25	120	22	13	SLP06VE2-1LH	SLP06VE2-1LS1H
	1.6	0.09	0	20	20	15	80	22	13	SLP06E2-1.6LH	SLP06E2-1.6LS1H
	1.6	0.09	0	20	20	-	130	22	13	SLP06E2-1.6LH	SLP06E2-1.6LS1H
	1.6	0.09	0	20	20	15	120	22	13	SLP06VE2-1.6LH	SLP06VE2-1.6LS1H
	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	SLP06E2-2.5LH	SLP06E2-2.5LS1H
	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
	3	0.25	0	12	12	-	130	22	13	SLP06E2-3LH	SLP06E2-3LS1H
	3	0.25	0	12	12	10	120	22	13	SLP06VE2-3LH	SLP06VE2-3LS1H
1/4"	1	0.04	0	30	30	25	80	22	13	SLP08E2-1LH	SLP08E2-1LS1H
	1	0.04	0	30	30	-	130	22	13	SLP08E2-1LH	SLP08E2-1LS1H
	1	0.04	0	30	30	25	120	22	13	SLP08VE2-1LH	SLP08VE2-1LS1H
	1.6	0.09	0	20	20	15	80	22	13	SLP08E2-1.6LH	SLP08E2-1.6LS1H
	1.6	0.09	0	20	20	-	130	22	13	SLP08E2-1.6LH	SLP08E2-1.6LS1H
	1.6	0.09	0	20	20	15	120	22	13	SLP08VE2-1.6LH	SLP08VE2-1.6LS1H
	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	SLP08E2-2.5LH	SLP08E2-2.5LS1H
	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	SLP08E2-3LH	SLP08E2-3LS1H
	3	0.25	0	12	12	10	120	22	13	SLP08VE2-3LH	SLP08VE2-3LS1H
3/8"	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	SLP10E2-13LH	SLP10E2-13LS1H
	13	4.5	0.5	8	8	7	120	33	32	SLP10VE2-13LH	SLP10VE2-13LS1H
1/2"	13	4.8	0.8	8	8	7	80	33	32	SLP16E2-13LH	SLP16E2-13LS1H
	13	4.8	0.8	8	8	-	120	33	32	SLP16E2-13LH	SLP16E2-13LS1H
	13	4.5	0.5	8	8	7	120	33	32	SLP16VE2-13LH	SLP16VE2-13LS1H
3/4"	20	7.8	0.5	8	8	7	80	33	32	SLP-20E2H	SLP-20E2S1H
	20	7.8	0.5	8	8	-	120	33	32	SLP-20E2H	SLP-20E2S1H
	20	7.8	0.5	8	8	7	120	33	32	SLP-20VE2H	SLP-20VE2S1H
1"	25	12	0.8	8	8	7	80	33	32	SLP-25E2H	SLP-25E2S1H
	25	12	0.8	8	8	-	120	33	32	SLP-25E2H	SLP-25E2S1H
	25	12	0.8	8	8	7	120	33	32	SLP-25VE2H	SLP-25VE2S1H
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-35E2H	SLP-35E2S1H
	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 <20CST		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	—	SLPFE2-25LS1H
	25	12	0.5	8	8	7	120	33	32	—	SLPFE2-25LS1H
Flange 4 port	35	22	0.5	8	8	7	80	33	32	—	SLPFE2-35LS1H
	35	22	0.5	8	8		120	33	32	—	SLPFE2-35LS1H
	35	22	0.5	8	8	7	120	33	32	—	SLPFE2-35LS1H
Flange 4 port	40	30	0.5	8	8	7	80	33	32	—	SLPFE2-40LS1H
	40	30	0.5	8	8		120	33	32	—	SLPFE2-40LS1H
	40	30	0.5	8	8	7	120	33	32	—	SLPFE2-40LS1H
Flange 4 port	50	48	0.5	8	8	7	80	33	32	—	SLPFE2-50LS1H
	50	48	0.5	8	8		120	33	32	—	SLPFE2-50LS1H
	50	48	0.5	8	8	7	120	33	32	—	SLPFE2-50LS1H

ESP Series 2/2 Solenoid Valve (Normal Close)
How to Order?
ESP
-
10
-
E2

ESP Series

 Port size
 10: 3/8"
 15: 1/2"
 25: 3/4"
 35: 1"
 40: 1-1/4"
 50: 1-1/2"

 Voltage
 E1: AC110V
 E2: AC220V
 E3: AC380V
 E4: DC24V
 E5: DC12V
 E6: AC36V
 E7: AC24V

 E8: DC110V
 E9: DC48V
 E10: DC96V

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-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
Joint Size	3/8"	1/2"	3/4"	1"	1-1/4"
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" 16: 1/2" 20: 3/4" 25: 1" 35: 1-1/4" 40: 1-1/2" 60: 2" F: Flange		Seal Material B: NBR V: Viton E: EPDM G: Silicon Rubber		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC38V E7: AC24V E8: DC110V E9: DC48V E10: DC36V		Orifice(mm) 2.5L: 2.5 3L: 3.0 4L: 4.0 6L: 5.0 8L: 6.0 7.5L: 7.5 10L: 10.0 16L: 16.0 20L: 20.0 25L: 25.0 32L: 32.0 40L: 40.0 60L: 60.0		Valve Body B: Brass S1: SS316 S2: SS304		Control Style B: 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-08-E2-2.5LS2



ZS-10



ZS-10S2



ZS-F-S2

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							
1/8"	2.5	0.23	0	7	6	7	6	7	6	80	13	6.5	ZS06E2-2.5L	ZS06E2-2.5LS2		
	2.5	0.23	0	7	6	7	6	-	-	120	13	6.5	ZS06E2-2.5L	ZS06E2-2.5LS2		
	2.5	0.23	0	7	5	7	5	7	5	120	13	6.5	ZS06VE2-2.5L	ZS06VE2-2.5LS2		
1/4"	2.5	0.23	0	7	6	7	6	7	6	80	13	6.5	ZS08E2-2.5L	ZS08E2-2.5LS2		
	2.5	0.23	0	7	5	7	5	-	-	120	13	6.5	ZS08E2-2.5L	ZS08E2-2.5LS2		
	2.5	0.23	0	7	6	7	6	7	6	120	13	6.5	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	—		



Port Size	Orifice (mm)	CV Value	Pressure difference (Bar)								Max. temperature (°C)	Power		Model ZSIVAC	
			Min. pressure	Max. working pressure						VA		W			
				Air, Gas		Water, Hot water, Liquid		Light oil <80CST					AC 220		
				AC	DC	AC	DC	AC	DC						
3/8"	4	0.8	0	8	6	8	6	5	5	80	33	20	ZS10E2-4L	ZS10E2-4LS2	
	4	0.8	0	8	6	8	6	5	—	120	33	20	ZS10EE2-4L	ZS10EE2-4LS2	
	4	0.8	0	8	6	8	6	5	5	120	33	20	ZS10VE2-4L	ZS10VE2-4LS2	
	10	1.8	0	20	16	20	16	20	16	90	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	1.8	0	20	16	20	16	20	16	80	22	13	ZS16E2-10L	—	
	10	1.8	0	20	16	20	16	—	—	120	22	13	ZS16EE2-10L	—	
	10	1.8	0	20	16	20	16	20	16	120	22	13	ZS16VE2-10L	—	
	16	4.8	0	10	6	10	6	7	4	80	33	20	ZS16E2-16L	ZS16E2-16LS2	
	16	4.8	0	10	6	10	6	—	—	120	33	20	ZS16EE2-16L	ZS16EE2-16LS2	
	16	4.8	0	10	6	10	6	7	4	120	33	20	ZS16VE2-16L	ZS16VE2-16LS2	
	20	7.8	0	10	6	10	6	—	—	120	33	20	ZS20E2-20L	ZS20E2-20LS2	
3/4"	20	7.8	0	10	6	10	6	—	—	120	33	20	ZS20EE2-20L	ZS20EE2-20LS2	
	20	7.8	0	10	6	10	6	7	4	120	33	20	ZS20VE2-20L	ZS20VE2-20LS2	
	25	12	0	10	6	10	6	7	4	80	33	20	ZS25E2-25L	ZS25E2-25LS2	
	25	12	0	10	6	10	6	—	—	120	33	20	ZS25EE2-25L	ZS25EE2-25LS2	
1"	25	12	0	10	6	10	6	7	4	120	33	20	ZS25VE2-25L	ZS25VE2-25LS2	
	25	12	0	10	6	10	6	—	—	120	33	20	ZS25EE2-25L	ZS25EE2-25LS2	
	32	24	0	10	6	10	6	7	4	80	70	40	ZS32E2-32L	ZS32E2-32LS2	
	32	24	0	10	6	10	6	—	—	120	70	40	ZS32EE2-32L	ZS32EE2-32LS2	
1-1/4"	32	24	0	10	6	10	6	7	4	120	70	40	ZS32VE2-32L	ZS32VE2-32LS2	
	40	28	0	10	6	10	6	7	4	80	70	40	ZS40E2-40L	ZS40E2-40LS2	
	40	28	0	10	6	10	6	—	—	120	70	40	ZS40EE2-40L	ZS40EE2-40LS2	
	40	28	0	10	6	10	6	7	7	120	70	40	ZS40VE2-40L	ZS40VE2-40LS2	
2"	50	48	0	10	6	10	6	7	4	80	70	40	ZS50E2-50L	ZS50E2-50LS2	
	50	48	0	10	6	10	6	—	—	120	70	40	ZS50EE2-50L	ZS50EE2-50LS2	
	50	48	0	10	6	10	6	7	4	120	70	40	ZS50VE2-50L	ZS50VE2-50LS2	
	50	48	0	10	6	10	6	—	—	120	70	40	ZS50EE2-50L	ZS50EE2-50LS2	
2-1/2"	25	12	0	10	6	10	6	7	4	80	70	40	—	ZSFE2-25LS2	
	25	12	0	10	6	10	6	—	—	120	70	40	—	ZSFE2-25LS2	
	25	12	0	10	6	10	6	7	4	120	70	40	—	ZSFE2-25LS2	
	32	24	0	10	6	10	6	7	4	80	70	40	—	ZSFE2-32LS2	
	32	24	0	10	6	10	6	—	—	120	70	40	—	ZSFE2-32LS2	
	32	24	0	10	6	10	6	7	4	120	70	40	—	ZSFE2-32LS2	
	40	28	0	10	6	10	6	7	4	80	70	40	—	ZSFE2-40LS2	
	40	28	0	10	6	10	6	—	—	120	70	40	—	ZSFE2-40LS2	
	40	28	0	10	6	10	6	7	4	120	70	40	—	ZSFE2-40LS2	
	50	48	0	10	6	10	6	7	4	80	70	40	—	ZSFE2-50LS2	
	50	48	0	10	6	10	6	—	—	120	70	40	—	ZSFE2-50LS2	
	50	48	0	10	6	10	6	7	4	120	70	40	—	ZSFE2-50LS2	

* Orifice: 2.5mm, Only flying leads Coil


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

ZS-H

ZS-H2H

Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)						Max. Temperature (°C)	Power		Model 230VAC		
			Min. Pressure	Max. Working Pressure				VA 220		W 24V				
				Air, Gas		Water, Hot Water, Liquid					Light Oil <20CSTT			
				AC	DC	AC	DC	AC	DC	DC 24V	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	0.8	0	5	3	5	3	3	3	120	57	32	ZS10VE2-4LH	ZS10VE2-4LS2H
	16	4.8	0	5	3	3	3	5	3	80	57	32	ZS10E2-16LH	ZS10E2-16LS2H
	16	4.8	0	5	3	3	3	5		120	57	32	ZS10EE2-16LH	ZS10EE2-16LS2H
1/2"	16	4.8	0	5	3	3	3	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-20EE2H
	20	7.6	0	5	3	5	3			120	57.2	32	ZS-20EE2H	ZS-20VE2H
	20	7.6	0	5	3	5	3	3	3	120	57.2	32	ZS-20VE2H	ZS-20VE2H
1"	25	12	0	5	3	5	3	3	3	80	57.2	32	ZS-25E2H	ZS-25EE2H
	25	12	0	5	3	5	3			120	57.2	32	ZS-25EE2H	ZS-25VE2H
	25	12	0	5	3	5	3	3	3	120	57.2	32	ZS-25VE2H	ZS-25VE2H
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-40EE2H
	40	29	0	5	3	5	3			120	70	40	ZS-40EE2H	ZS-40VE2H
	40	29	0	5	3	5	3	3	3	120	70	40	ZS-40VE2H	ZS-40VE2H
2"	50	48	0	5	3	5	3	3	3	80	70	40	ZS-50E2H	ZS-50EE2H
	50	48	0	5	3	5	3			120	70	40	ZS-50EE2H	ZS-50VE2H
	50	48	0	5	3	5	3	3	3	120	70	40	ZS-50VE2H	ZS-50VE2H
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	—	ZSFE2-25LS2H
	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	—	ZSFE2-32LS2H
	32	24	0	5	3	5	3	3	3	120	70	40	—	ZSFVE2-32LS2H
	40	29	0	5	3	5	3	3	3	80	70	40	—	ZSFE2-40LS2H
	40	29	0	5	3	5	3			120	70	40	—	ZSFE2-40LS2H
	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 2/2 Solenoid Valve (Normal Close)



How to Order?

PU220 - -- E1 -- 03 -- S -- T

PU220 Series Blank: NBR Voltage E1: AC110V Port Size 03: 3/8" Blank: Standard Type S: Small Office Type Blank: DIN Coll T: With Timer
V: VITON E2: AC220V 04: 1/2" E3: DC12V 06: 3/4" E4: DC24V 08: 1"

Order examples:

* PU220 series, 2 position, 2 port, NBR seal, 3/8" port size, small orifice, Voltage: AC220V. Model PU220F2-05S

* PUZZ20 series, 2 position, 2 port, NBR seal, 1/2" port size, with Timer, Voltage: DC24V Model PUZZ20E4-04T

Specifications

	* With Voltage AC220V					
Model	PU220E2-03S	PU220E2-04S	PU220E2-03	PU220E2-04	PU220E2-06	PU220E2-08
	PU1220E2-03S	PU1220E2-04S	PU1220E2-03	PU1220E2-04	PU1220E2-06	PU1220E2-08
Working Medium	Air, Water, Oil					
Orifice(mm)	8.0	8.0	13	13	20	26
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 280: 25mm		Voltages E1: AC110V E2: AC220V E3: AC380V E4: DC6V E5: DC12V E7: AC24V		Port Size 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2" 20: 3/4" 26: 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	ZV025-08	ZV025-08	ZV130-10	ZV130-16	ZV250-20	ZV250-25
Working medium	Air, Water, Steam					
Acting type	Direct acting Type			Pilot Type		
Type	Normal Close Type					
Orifice(mm)	2		13		25	
Cv value	0		8		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(°C)	-10~80					
Voltage Range	± 10%					
Protect Class	IP65					
Power Consumption	AC:7VA/80Hz, 8VA/80Hz, DC:8W					
Insulation	Class F					
Material of Valve Body	Brass					
Seal Material	NBR or VITON			NBR		
Shortest Response Time	0.05s / second					



UD Series 2/2 Solenoid Valve (Normal Close)



UP

How to Order?

UD	10	E1
UD Series	Port Size	E1: AC110V
UDH: High	08: 1/8"	E2: AC220V
Pressure	08: 1/4"	E3: AC380V
	10: 3/8"	E4: DC24V
		E5: DC12V
		E6: AC36
		E7: AC26V

Order example:

* 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

Specifications

Model	UD-Q0E2	UD-Q0E2	UD-10E2	UDH-Q0E2	UDH-Q0E2	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		0.8	0.06		0.15
Port Size	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"
Fluid Viscosity	20 CST (Below)					

* With Voltage AC220V

Model	UD-062	UD-062S	UD-102S	UDH-062S	UDH-062S2	UDH-102S
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)					

UW Series 2/2 Solenoid Valve (Normal Close)

How to Order?

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

Order example:

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



LAW

Specifications

[illegible]

* With Voltage AC220V

UWS Series 2/2 Solenoid Valve (Normal Close)

UWS
How to Order?

UWS	--		--	O6	--	E1
UWS: SS304 Series		Blank NBR V: VITON		Port Size O6: 1/8" 08: 1/4" 10: 3/8" 10B: 3/8" 15: 1/2" 20: 3/4" 25: 1" 35: 1-1/4" 40: 1-1/2" 50: 2"		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V

Order example:
 * UWS SS304 series, 2 position, 2 port,
 NBR seal, 1/2" port size, Voltage: AC220V,
 Model: UWS-16E2

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	0.8	4.8	4.8	7.6	12	24	28	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	--	O25	--		--	O6	--	E1	--	
2P Series		Orifice O25: 2.0mm		Blank NBR V: VITON		Port Size O6: 1/8" O8: 1/4"		Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V		Blank DIN coil F: Flying leads coil

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


2P025-08E2F
Specifications

* With Voltage AC220V

Model	2P025-08E2	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:8W	
Material of Valve Body	Engineering Plastic Steel	
Seal Material	NBR, VITON (optional)	


How to Order?

THP	--	06	--	E2	--	2.5L	--	S2	--	Blank	--	Blank
THP Series	Port size	Voltage	Seal Material	Orifice (mm)	Valve Body	Control Style						
	08: 1/8"	E1: AC110V	Blank NBR	2.5L: 2.6	Blank Brass	Blank: Normal Close						
	10: 3/8"	E2: AC220V	T: Teflon	4.5L: 4.5	S1: SS304	H: Normal Open						
	15: 1/2"	E3: AC380V	V: Viton	15L: 15.0	S2: SS304							
	20: 3/4"	E4: DC24V	E: EPDM	20L: 20.0								
	25: 1"	E5: DC12V	(N,V,E Orifice $\leq \phi 5.5$ mm)	25L: 25.0								
	35: 1-1/4"	E6: AC38V	Optional)	35L: 35.0								
	40: 1-1/2"	E7: AC24V		40L: 40.0								
	50: 2"	E8: DC110V		50L: 50.0								
	25F: 1" Flange	E9: DC48V										
	35F: 1-1/4" Flange	E10: DC38V										
	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: THP10TE2-15LSS2HF

THP Series 2/2 Solenoid Valve (Normal Close)

THP10TE2

THP10TE2
New
Teflon Seal
+25 Bar

Port size	Orifice (mm)	CV value	Pressure difference (Bar)								Max. temperature (°C)	Power		Model 220VAC 50/60Hz	Main dimensions Length x Width x Height AxBxC (mm)	
			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	8	8	10	180	22	15	THP06E2T-2.5L	—	48 x 25 x 85.5
	2.5	0.23	0	13	13	13	13	7	7	10	110	22	15	THP06E2V-2.5L	—	48 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	185	22	13	THP06E2T-4.5L	—	56 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	110	22	13	THP06E2V-4.5L	—	56 x 25 x 85.5
1/4"	2.5	0.23	0	7	4	7	4	4	4	10	180	22	15	THP08E2T-2.5L	—	48 x 25 x 85.5
	2.5	0.23	0	13	13	13	13	7	7	10	110	22	15	THP08E2V-2.5L	—	48 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	185	22	13	THP08E2T-4.5L	—	56 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	110	22	13	THP08E2V-4.5L	—	56 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 58 x 129
	15	4.5	0.5	25	20	25	20	20	20	10	185	30	26	THP10E2T-15L	THP10E2T-15LS2	75 x 58 x 129
	15	4.5	0.5	25	20	25	20	20	20	10	110	33	32	THP-15E2V	THP-15E2V32	75 x 58 x 129
	15	4.5	0.5	25	20	25	20	20	20	10	185	30	26	THP-15E2T	THP-15E2T32	75 x 58 x 129
1/2"	20	6.0	0.5	25	20	25	20	20	20	10	110	33	32	THP-20E2V	THP-20E2V32	85 x 60 x 141
	20	6.0	0.5	25	20	25	20	20	20	10	185	30	26	THP-20E2T	THP-20E2T32	85 x 60 x 141
	25	13	0.5	25	20	25	20	20	20	10	110	33	32	THP-25E2V	THP-25E2V32	100 x 70 x 148
	25	13	0.5	25	20	25	20	20	20	10	185	30	26	THP-25E2T	THP-25E2T32	100 x 70 x 148
3/4"	25	13	0.5	25	20	25	20	20	20	10	110	33	32	THP-35E2V	THP-35E2V32	100 x 70 x 148
	25	13	0.5	25	20	25	20	20	20	10	185	30	26	THP-35E2T	THP-35E2T32	100 x 70 x 148
	35	28	0.5	25	20	25	20	20	20	10	110	33	32	THP40E2V-35L	THP40E2V-35LS2	120 x 80 x 168
	35	28	0.5	25	20	25	20	20	20	10	185	30	26	THP40E2T-35L	THP40E2T-35LS2	120 x 80 x 168
1-1/2"	50	45	0.5	25	20	25	20	20	20	10	110	33	32	THP-50E2V	THP-50E2V32	150 x 110 x 180
	50	45	0.5	25	20	25	20	20	20	10	185	30	26	THP-50E2T	THP-50E2T32	150 x 110 x 180
	25	13	0.5	25	20	25	20	20	20	10	110	33	32	THPFE2V-50LS2	THPFE2V-50LS2	180 x 125 x 200
	25	13	0.5	25	20	25	20	20	20	10	185	30	26	THPFE2T-50LS2	THPFE2T-50LS2	180 x 125 x 200
1-1/4"	35	28	0.5	25	20	25	20	20	20	10	110	33	32	THPFE2V-35LS2	THPFE2V-35LS2	160 x 135 x 200
	35	28	0.5	25	20	25	20	20	20	10	185	30	26	THPFE2T-35LS2	THPFE2T-35LS2	160 x 135 x 200
	1-1/2"	35	28	0.5	25	20	25	20	20	20	10	33	32	THPFE2V-40LS2	THPFE2V-40LS2	160 x 145 x 205
	1-1/2"	35	28	0.5	25	20	25	20	20	20	10	185	30	26	THPFE2T-40LS2	THPFE2T-40LS2
2"	50	45	0.5	25	20	25	20	20	20	10	110	33	32	THPFE2V-50LS2	THPFE2V-50LS2	200 x 165 x 260
	50	45	0.5	25	20	25	20	20	20	10	185	30	26	THPFE2T-50LS2	THPFE2T-50LS2	200 x 165 x 260



Port Size	Orifice mm	CV Value	Pressure Difference (Bar)										Max. Temperature (°C)	Power		Model 220VAC 50/60HZ	
			Min. Pressure	Max. Working Pressure								Steam		VA	W		
				Air, Gas		Water, Hot Water, Liquid		Light Oil ≤20CST									
AC	DC	AC	DC	AC	DC	AC/DC	VA	W									
1-1/4"	35	25	0.5	25	20	25	20	20	20		110	33	32	THP-35E2V	THP-35E2V82		
	35	25	0.5	25	20	25	20	20	20	10	185	30	25	THP-35E2T	THP-35E2TS2		
1-1/2"	35	25	0.5	25	20	25	20	20	20		110	33	32	THP40E2V-35L	THP40E2V-35L82		
	35	25	0.5	25	20	25	20	20	20	10	185	30	25	THP40E2T-35L	THP40E2T-35L82		
2"	50	45	0.5	25	20	25	20	20	20		110	33	32	—	THP-50E2V82		
	50	45	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-25E2V82		
	25	13	0.5	25	20	25	20	20	20	10	185	30	25	—	THP-25E2TS2		
Flange	35	25	0.5	25	20	25	20	20	20		110	33	32	—	THP-35E2V82		
1-1/4"	35	25	0.5	25	20	25	20	20	20	10	185	30	25	—	THP-35E2TS2		
Flange	35	25	0.5	25	20	25	20	20	20		110	33	32	—	THP40E2V-35L82		
1-1/2"	35	25	0.5	25	20	25	20	20	20	10	185	30	25	—	THP40E2T-35L82		
Flange	35	25	0.5	25	20	25	20	20	20		110	33	32	—	THP-50E2V82		
2"	50	45	0.5	25	20	25	20	20	20		110	33	32	—	THP-50E2TS2		
Flange	50	45	0.5	25	20	25	20	20	20	10	185	30	25	—	THP-50E2TS2		

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

THP-15E2H

THP-15E2H2
New
Teflon
Seal

(G) Port size	Orifice (mm)	CV value	Pressure difference (Bar)						Max. temperature (°C)	Power		Model 220VAC 50/60HZ	
			Min. pressure	Max. working pressure				AC 220V		VA	W		
				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-15L82H	
	15	4.5	0.5	8	8	8	8	130	33	32	THP10E2T-15LHF	THP10E2T-15L82HF	
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	25	0.5	8	8	8	8	130	33	32	THP-35E2TH	THP-35E2TS2H	
	35	25	0.5	8	8	8	8	130	33	32	THP-35E2THF	THP-35E2TS2HF	
1-1/2"	35	25	0.5	8	8	8	8	130	33	32	THP40E2T-35LH	THP40E2T-35L82H	
	35	25	0.5	8	8	8	8	130	33	32	THP40E2T-35LHF	THP40E2T-35L82HF	
1" Flange	25	13	0.5	8	8	8	8	130	33	32	-	THP-25E2TS2H	
	25	13	0.5	8	8	8	8	130	33	32	-	THP-25E2TS2HF	
1-1/4" Flange	35	25	0.5	8	8	8	8	130	33	32	-	THP-35E2TS2H	
	35	25	0.5	8	8	8	8	130	33	32	-	THP-35E2TS2HF	
1-1/2" Flange	35	25	0.5	8	8	8	8	130	33	32	-	THP40E2T-35L82H	
	35	25	0.5	8	8	8	8	130	33	32	-	THP40E2T-35L82HF	
2" Flange	50	45	0.5	8	8	8	8	130	33	32	-	THP-50E2TS2H	
	50	45	0.5	8	8	8	8	130	33	32	-	THP-50E2TS2HF	


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

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	30	50			Voltage Range	±10%						
CV Value	5	12	20	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" 60: 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: HUS10TE1-15L S2


HUS
Specifications

* With Voltage AC220V

Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)			Max. Temperature (°C)	Model 220VAC 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
	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)
How to Order?

VX2120

VX2120	--		--	06	--	E1	Voltage
VX2120 Series		Blank: NBR		Port Size			E1: AC110V
		V: VITON		06: 1/8"			E2: AC220V
				08: 1/4"			E3: AC380V
				10: 3/8"			E4: DC24V
				16: 1/2"			E5: DC12V
							E6: AC38V
							E7: AC34V

Order examples:

* VX2120 series, 2 position, 2 port, NBR seal, 1/2" port size, voltage AC220V, Model: VX2120-16E2

Specifications

Model	VX2120-06E2	VX2120-08E2	VX2120-10E2	VX2120-16E2
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(160 is optional)			
Seal Material	NBR(VITON is optional)			

* With Voltage AC220V

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

EDF	--	15	--	E2	Voltage
EDF: Brass Valve Body		15: 1/2"		E2: AC220V	
EDFS: Stainless Steel Valve Body		20: 3/4"		E4: DC24V	
		25: 1"			
		35: 1-1/4"			
		40: 1-1/2"			
		50: 2"			
		85F: Flange 4 holes, Φ 17.5 orifices, Φ 145 hole distance			
		80F: Flange 4 holes, Φ 17.5 orifices, Φ 160 hole distance			
		100F: Flange 8 holes, Φ 17.5 orifices, Φ 180 hole distance			
		150F: Flange 8 holes, Φ 22 orifices, Φ 240 hole distance			

Under water valve
The maximum
port size can
reach to 1"


EDF

EDFS
Order examples:

* 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

Model	EDF-15E2	EDF-20E2	EDF-25E2	EDF-35E2	EDF-40E2	EDF-50E2
	EDF-55FE2	EDF-80FE2	EDF-100FE2	EDF-125FE2	EDF-150FE2	EDF-180FE2
	EDFS-15E2	EDFS-20E2	EDFS-25E2	EDFS-35E2	EDFS-40E2	EDFS-50E2
Working Medium	Water					
Working Pressure(Bar)	$\leq \Phi 50(0-6)$ $\geq \Phi 65(0.6-5)$					
Voltage Range	$\pm 10\%$					
Working Temperature (°C)	-10~50					
Medium Temperature (°C)	0~80					
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					

* With Voltage AC220V


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

SLG
How to Order?

SLG	--		--	22	--	08	--	E1
SLG Series		Blank: NBR V: VITON		22: 2/2 23: 3/2		Port Size 08: 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

Model	SLG22-08E2	SLG22-08E2	SLG23-08E2	SLG23-08E2
Working Medium	Air, Water, Oil			Air
Orifice(mm)			1.8	
Cv Value			0.1	
Port Size	1/8"	1/4"	1/8"	1/4"
Working Pressure(Bar)	0-16			0-9
Voltage Range	± 10%			
Seal Material	NBR or VITON			

* With Voltage AC220V

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)	3-8	
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		Voltage
		25: 25mm		E1: AC110V
		40: 40mm		E2: AC220V
		50: 50mm		E4: DC24V
		65: 65mm		
		76: 76mm		

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)			4~8		
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)		2~8	
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	φ50	φ80	φ90


SLG5404 Series 2/2 Solenoid Valve (Normal Close)

How to Order?

SLG5404	--	16	--	E1	--	D
SLG5404 Series		Port Size 15: 1/2" 20: 3/4" 25: 1"		Voltage E1: AC110V E2: AC220V E3: AC380V E5: DC12V E7: AC24V		Blanc: Flying leads type D: DIN Connector

Order example:

* SLG5404 series, 1/2" port size, flying leads coil, voltage: AC220V, Model: SLG5404-16E2

Specifications

* With Voltage AC220V

Model	SLG5404-16E2	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:1-60, Liquid:1-60	GAS:1-40, Liquid:1-25	GAS:1-40, Liquid:1-25
Max. Pressure Resistance(Bar)	75		60
Working Temperature Range(°C)		-10°~160	
Power Consumption		AC:0.5VA, 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 2.4mm		Voltage 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:34V
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		Office		Port Size		Valve Body(BaD)		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: 32x48mm		
		004: 4mm		15: 1/2"				
		005: 5mm						
		006: 6mm						

Order example:

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


EMC22
Specifications

Model	Office(mm)	Port Size	Working Pressure(Bar) *	KV(m³/h)	Temperature(°C)	Temperature(°C)
EMC22001-06AE2	1	1/8	0-6	0.02	-10°+50	-10°+80
EMC22002-06AE2	2	1/8	0-6	0.03		
EMC22001-06BE2	1	1/8	0-4	0.02		
EMC22002-06BE2	2	1/8	0-25	0.03		
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	0.26	-10°+50	-10°+80
EMC22005-08CE2	5	1/4	0-3	0.32		
EMC22006E2-08/10/16	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		Office		Port Size		Valve Body(LxL)		Voltage
				001: 1.5mm		06: 1/8"		B: 32x32mm		E2: AC220V
				002: 2mm		08: 1/4"		C: 32x48mm		E4: DC24V
				003: 2.5mm		M: Sub-Plate mounting				
				1601: 1.5mm						
				1602: 2mm						

Order example:

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


EMC23
Specifications

Model	Office(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	0.03		
EMC23003-06BE2	2.5	1/8	0-6	0.16		
EMC23001-08CE2	1.5	1/4	0-10	0.02		
EMC23002-08CE2	2	1/4	0-10	0.03		
EMC23003-08CE2	2.5	1/4	0-6	0.16		
EMC231601-MBE2	1.5	Panel Mounting	0-16	0.02	-10°+50	-10°+80
EMC231602-MBE2	2	Panel Mounting	0-10	0.03		

* 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 008B: 1/4" 010B: 3/8" 015B: 1/2" 020B: 3/4"		Blank: Normal Close H: Normal Open		Voltage E2: AC220V E4: DC24V
		025B: 1" 032B: 1-1/4" 040B: 1-1/2" 060B: 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(m³/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/EMC020BE2	14	3/4"	0.3-10	2.52		
EMC020-20BE2/EMC020-20BH2	20	3/4"	0.3-10	5.0		
EMC025BE2/EMC025BE2	20	1"	0.3-10	5.0		
EMC032BE2/EMC032BE2	40	1-1/4"	0.7-16	18		
EMC040BE2/EMC040BE2	40	1-1/2"	0.7-16	18		
EMC060BE2/EMC060BE2	60	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 008: 1/4" 010: 3/8" 015: 1/2" 020: 3/4" 025: 1"		Voltage E2: AC220V E4: DC24V

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(m³/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" 010B: 3/8" 015B: 1/2" 020: 3/4"		Blank Normal Close H: Normal Open	Voltage E2: AC220V E4: DC24V
		025: 1" 032: 1-1/4" 040: 1-1/2" 050: 2"			

Order example:

* EMCS 2/2 step diaphragm series, 1/4" port size, Normal close, Voltage: AC220V, Model: EMC008E2

Specifications

Model	Orifice(mm)	Port Size	Working Pressure(Bar) *	KV(m³/h)	Temperature(°C)	Temperature(°C)
EMCS008E2	10	1/4	0.3~10	1.4		
EMCS010E2	10	3/8	0.3~10	1.4		
EMCS015E2	10	1/2	0.3~10	1.4		
EMCS015-14BE2	14	1/2	0.3~10	6.0		
EMCS020E2	14	3/4	0.3~10	5.0		
EMCS025E2	22	1	0~10	6.4	-10~+50	-10~+80
EMCS032BE2/ EMCS032BE2	40	1-1/4	0.5~16	18.0		
EMCS040BE2/ EMCS040BE2	40	1-1/2	0.5~16	18.0		
EMCS060BE2/ EMCS060BE2	60	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		Seal Material	Voltage	Orifice(mm)			
06: 1/8"	25: 1"	Blank: NBR	E1: AC110V	3L=3.0	25L=25			
08: 1/4"	35: 1-1/4"	V: VITON	E2: AC220V	5L=5.0	32L=32			
10: 3/8"	40: 1-1/2"		E4: DC24V	8L=8.0	40L=40			
15: 1/2"	50: 2"		E6: DC12V	7.5L=7.5	50L=50			
20: 3/4"	F: Flange		E7: AC230V	10L=10.0	65L=65			
			E7: AC24V	15L=15	80L=80			
				20L=20	100L=100			

Order example:

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

**New
Gas Valve**

EGV
Specifications

Orifice	3	5	8	7.5	10	15	20	25	32	40	50	45F	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"	3/4"	1"	1-1/4"	1-1/2"	2"	4-17.5
CV Value	0.3		0.6		0.7	1.0	1.7	4.8	7.5	12	20	28	46	28	46	75
Max. Working Pressure(Bar)	3		3		2.8	0.5	0.3	2.5			1.0					0.5
Working Medium	Gas, Air, Neutral Liquid															
Seal Material	NBR VITON															
Medium Temperature(°C)	-5°C ~ 80°C															
Voltage	AC220V 110V 50V 24V DC24V 12V															
Power	10W				30W				50W							


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

EV1/EV3/EV5 Series

EV2/EV4 Series
How to Order?

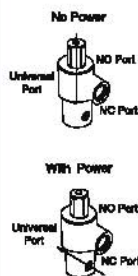
EV	--	1	--	06	--		--	E1	--	1.5L	--		--	D
EV 3/2 Series				Port Size 06: 1/8" 08: 1/4"		Seal Material Blank: NBR V: Viton E: EPDM		Voltage E1: AC110V E2: AC220V E4: DC24V E6: DC12V E7: AC24V		Orifice (mm) 1.5L=1.5 x 1.2 2L=2.0 x 1.2 2.5L=2.5 x 1.2 3L=3.0 x 1.2		Valve body Material Blank: Brass S2: Stainless Steel 304		Coil Type D: DIN Type (For Type: EV1, EV3, EV5) F: Flying Leads (For Type: EV2, EV4) S: Nam 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:

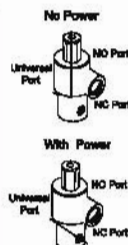
* EV series, 2 position, 3 port, directional type, AC110V, 1/8" port size, orifice: 3mm, brass valve body, NBR Seal, Model: EV1-06E1-3LD

* EV series, 2 position, 3 port, normal open, AC220V, 1/4" port size, orifice: 1.5mm, stainless steel valve body, Viton Seal,

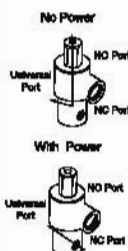
Model: EV2-08VE2-1.5LS2F

Specifications


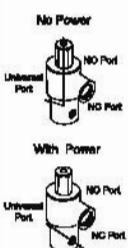
Joint Size	Office (mm)		CV Value		Pressure Difference (Bar)										Power		Model	
					Min. Pressure	Max. Working Pressure						VA		W	220VAC 50/60Hz NBR Seal			
	Air, Gas	Water, Liquid		Light Oil <20CST		AC 220	DC 24V	Valve Body Material										
		AC	DC	AC						DC	AC	DC						
	Body	Top	Body	Top		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



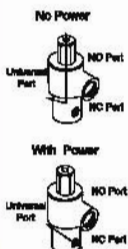
Joint Size	Orifice (mm)		CV Value		Pressure Difference (Bar)								Power		Model		
					Min. Pressure	Max. Working Pressure								VA	W	220VAC 50/60Hz NBR Seal	Valve Body Material
						Air, Gas	Water, Liquid	Light Oil <20CSTT	AC	DC	AC	DC	AC				
	Body	Top	Body	Top	AC	DC	AC	DC	AC	DC	220	24V	Brass	SS304			
1/8"	1.5	1.2	0.07	0.05	0	6	5	6	5	6	5	22	13	EV2-08E2-1.5LF	EV2-08E2-1.5LS2F		
	2.0	1.2	0.14	0.06	0	6	5	6	5	6	5	22	13	EV2-08E2-2.0LF	EV2-08E2-2.0LS2F		
	2.5	1.2	0.21	0.06	0	4	2	4	2	4	2	22	13	EV2-08E2-2.5LF	EV2-08E2-2.5LS2F		
	3.0	1.2	0.28	0.05	0	4	2	4	2	4	2	22	13	EV2-08E2-3.0LF	EV2-08E2-3.0LS2F		
1/4"	1.5	1.2	0.07	0.05	0	6	5	6	5	6	5	22	13	EV2-08E2-1.5LF	EV2-08E2-1.5LS2F		
	2.0	1.2	0.14	0.06	0	6	5	6	5	6	5	22	13	EV2-08E2-2.0LF	EV2-08E2-2.0LS2F		
	2.5	1.2	0.21	0.06	0	4	2	4	2	4	2	22	13	EV2-08E2-2.5LF	EV2-08E2-2.5LS2F		
	3.0	1.2	0.28	0.05	0	4	2	4	2	4	2	22	13	EV2-08E2-3.0LF	EV2-08E2-3.0LS2F		



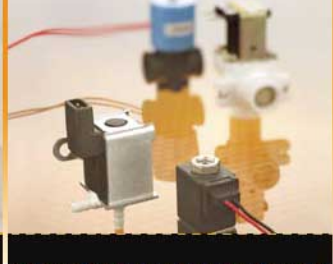
Joint Size	Orifice (mm)		CV Value		Min. Pressure	Pressure Difference (Bar)								Power		Model	
						Max. Working Pressure								VA / W		220VAC 50/60Hz NBR Seal	
	Air, Gas					Water, Liquid				Light Oil <20CST				AC 220	DC 24V		
	AC	DC	AC	DC		AC	DC	AC	DC	AC	DC						
	Body	Top	Body	Top		AC	DC	AC	DC	AC	DC	AC	DC	Brass	SS304		
1/8"	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	0.06	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	0.28	0.06	0	7	6	7	6	7	6	22	13	EV3-08E2-3.0LD	EV3-08E2-3.0LS2D		
	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		
1/4"	2.0	1.2	0.14	0.06	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	0.28	0.06	0	7	6	7	6	7	6	22	13	EV3-08E2-3.0LD	EV3-08E2-3.0LS2D		



Joint Size	Orifice (mm)		CV Value		Pressure Difference (Bar)								Power		Model		
					Min. Pressure	Max. Working Pressure								VA	W	220VAC 50/60Hz NBR Seal	Valve Body Material
						Air, Gas Water, Liquid Light Oil <20CSTT											
						AC	DC	AC	DC	AC	DC	AC	DC				
1/8"	Body	Top	Body	Top													
	1.5	1.2	0.07	0.05	0	6	4	6	4	6	4	22	13	EV4-08E2-1.6LF	EV4-08E2-1.6LS2F		
	2.0	1.2	0.14	0.06	0	6	3.5	6	3.5	6	3.5	22	13	EV4-08E2-2.0LF	EV4-08E2-2.0LS2F		
	2.5	1.2	0.21	0.06	0	4	3	4	3	4	3	22	13	EV4-08E2-2.5LF	EV4-08E2-2.5LS2F		
	3.0	1.2	0.28	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		
1/4"	Body	Top	Body	Top													
	1.5	1.2	0.07	0.05	0	6	4	6	4	6	4	22	13	EV4-08E2-1.6LF	EV4-08E2-1.6LS2F		
	2.0	1.2	0.14	0.06	0	6	3.5	6	3.5	6	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	0.28	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		



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 <20CST	AC					DC	AC	DC
	Body	Top	Body	Top	AC	DC	AC	DC	AC	DC	220	50/60	Brass	SS304		
1/8"	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	0.06	0	6	4	6	4	6	4	22	13	EV5-08E2-2.5LD	EV5-08E2-2.5LS2D	
	3.0	1.2	0.28	0.06	0	4	3	4	3	4	3	22	13	EV5-08E2-3.0LD	EV5-08E2-3.0LS2D	
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	0.06	0	6	5	6	5	6	5	22	13	EV5-08E2-2.0LD	EV5-08E2-2.0LS2D	
	2.5	1.2	0.21	0.06	0	6	4	6	4	6	4	22	13	EV5-08E2-2.5LD	EV5-08E2-2.5LS2D	
	3.0	1.2	0.28	0.06	0	4	3	4	3	4	3	22	13	EV5-08E2-3.0LD	EV5-08E2-3.0LS2D	


ESV 3/2 Direct Acting Solenoid Valve (Normal Close)
New

ESV1-06E2-1.5L

ESV1-08E2-1.5L
How to Order?

ESV	1	06	E1			1.5L	
ESV 3/2 Solenoid	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 Ømm 1.5L: 1.5 2L: 2.0 3L: 3.0 4L: 4.0 5L: 6.0	Valve body Material Blank: Brass S2: SS304

Order example:

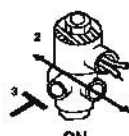
* ESV series, 2 position, 3 port, normal close, AC110V, 1/8" port size, orifice 1.5mm, brass valve body, NBR seal, Model: **ESV1-06E1-1.5L**

* ESV series, 2 position, 3 port, normal open, AC220V, 1/4" port size, orifice 3mm, stainless steel valve body, VITON seal, Model: **ESV2-08E2-V3LS2**

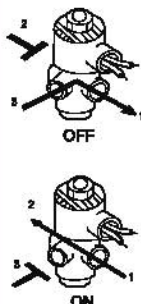

OFF

ON

Joint Size	Orifice (mm)	CV Value	Pressure Difference (Bar)						Power		Model 220VAC 50/60Hz	
			Min. Pressure	Max. Working Pressure				Max. Temperature (°C)				
				Air, Gas, Water, Hot Water, Liquid		Light Oil ≤20CST			AC 220V	DC 24V		
				AC	DC	AC	DC					
1/8"	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	ESV1-08E2-3.0L	ESV1-08E2-3.0LS2
	3.0	0.25	0	6	4	6	4	120	22	13	ESV1-08VE2-3.0L	ESV1-08VE2-3.0LS2
	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	ESV1-08E2-2.0L	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


OFF

ON

Joint Size	Orifice (mm)	CV Value	Pressure Difference (Bar)						Power		Model 220VAC 50/60Hz	
			Min. Pressure	Max. Working Pressure				Max. Temperature (°C)				
				Air, Gas Water, Hot Water, Liquid		Light Oil ≤20CST			AC 220V	DC 24V		
				AC	DC	AC	DC					
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
	1.5	0.07	0	7	5	7	5	80	22	13	ESV3-06E2-1.5L	ESV3-06E2-1.5LS2
1/4"	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



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								
				AG	DC	AG	DC					
1/8"	1.5	0.07	0	13	11	13	11	80	22	13	ESV2-08E2-1.5L	ESV2-08E2-1.5L32
	1.5	0.07	0	13	11	13	11	120	22	13	ESV2-08VE2-1.5L	ESV2-08VE2-1.5L32
	2.0	0.14	0	11	9	11	9	80	22	13	ESV2-08E2-2.0L	ESV2-08E2-2.0L32
	2.0	0.14	0	11	9	11	9	120	22	13	ESV2-08VE2-2.0L	ESV2-08VE2-2.0L32
	2.5	0.21	0	9	7	9	7	80	22	13	ESV2-08E2-2.5L	ESV2-08E2-2.5L32
	2.5	0.21	0	9	7	9	7	120	22	13	ESV2-08VE2-2.5L	ESV2-08VE2-2.5L32
	3.0	0.25	0	6	4	6	4	80	22	13	ESV2-08E2-3.0L	ESV2-08E2-3.0L32
	3.0	0.25	0	6	4	6	4	120	22	13	ESV2-08VE2-3.0L	ESV2-08VE2-3.0L32
1/4"	1.5	0.07	0	13	11	13	11	80	22	13	ESV2-08E2-1.5L	ESV2-08E2-1.5L32
	1.5	0.07	0	13	11	13	11	120	22	13	ESV2-08VE2-1.5L	ESV2-08VE2-1.5L32
	2.0	0.14	0	11	9	11	9	80	22	13	ESV2-08E2-2.0L	ESV2-08E2-2.0L32
	2.0	0.14	0	11	9	11	9	120	22	13	ESV2-08VE2-2.0L	ESV2-08VE2-2.0L32
	2.5	0.21	0	9	7	9	7	80	22	13	ESV2-08E2-2.5L	ESV2-08E2-2.5L32
	2.5	0.21	0	9	7	9	7	120	22	13	ESV2-08VE2-2.5L	ESV2-08VE2-2.5L32
	3.0	0.25	0	6	4	6	4	80	22	13	ESV2-08E2-3.0L	ESV2-08E2-3.0L32
	3.0	0.25	0	6	4	6	4	120	22	13	ESV2-08VE2-3.0L	ESV2-08VE2-3.0L32

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

How to Order?

EWSLC - 1 - - - **E1**

EWSLC Series

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

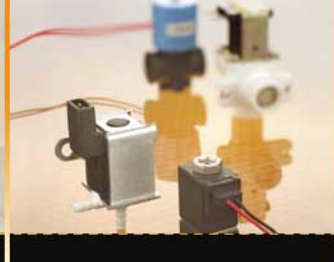
Voltage
E1: AC11V
E2: AC22
E4: DC24
E7: AC24

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


How to Order?

EWSLC -- **3** -- **E4**

EWSL Series 3: 8mm Orifice
4: 6mm Orifice

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 -- **JVD** -- **□** -- **1.6** -- **□**

3/2 Stop Type Connation: Blank Sub-plate Mount
L: Joint Pipe Type
Z: Z Series Mounting

Orifice: 1.6: 1.6mm H Normal Open

Order example:

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



23JVD-1.6L



23JVD-1.6



23JVD-Z1.6H

Specifications

Effective Section Area(mm ²)	0.5
Working Pressure(Bar)	0~10
Working Temperature(°C)	-5~40
Medium Temperature(°C)	-5~60
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 E8: DC12V E8: AC36V
						08: 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-08E2

Specifications

Model	K23JD-8(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 pressure (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 E8: DC12V E8: AC36V
						6: G1/8" 8: G1/4" 10: G3/8" 15: G1/2"				


K25JD-15
Order example:

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

Specifications

Model	K25JD-8	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 Q22XD-6L Q22XD-8L
- * Q22XD-4L Q22XD-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: -5~80°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 30 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:



- * EBV110-M5-8L
- * Type: 3/2 normal close
- * Port Size: M5
- * Orifice: 1.4mm
- * Pressure: 0-8Bar
- * Temperature: 0-100°C
- * Material: Aluminum

Model:



- * MB22-01
- * Type: 2/2 normal close
- * Port Size: 1/8" M5
- * Orifice: 2.5mm
- * Pressure: 0-8Bar
- * Temperature: -5-160°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: Aluminum

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:

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

Model:



- * C35-08H
- * Type: 5/3
- * Port Size: 1/8"
- * Orifice: 2.5mm
- * Pressure: 0-10Bar
- * Temperature: -5-85°C
- * Material: Aluminum

Model:



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



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

Order example:

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

Specifications

Model	EMC10-60A/B/C/D	Model	EMC10-60A/B/C/D
Port Size	DN10-DN50	Medium Temperature(°C)	PTFE: -10°~+180
Thread	G3/8"-G2"	Working Temperature(°C)	-10°~+80
Valve Body	CF8M	Viscosity(mm²/s)	Max600
Actuator	CF8	Installation	any position
Spot Seal	PTFE	Controlling medium	Air, neutral gas
Platen Seal	PTFE/FGM	Controlling pressure(bar)	3-10
Medium	water, neutral gas or liquid, ethanol, oil, organic solvent, steam, silicate and weak acid solution		

Port 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	18	0-18	≥4	-	-	EMC10-40A	EMC10-40B
G3/8"	13	50	4.7		0-18	≥3	0-18	3	EMC10-50A	EMC10-50B
G1/2"	13	40	4.7		0-18	≥4	-	-	EMC15-40A	EMC15-40B
G1/2"	13	50	4.7		0-18	≥3	0-18	3	EMC15-50A	EMC15-50B
G3/4"	18	50	9.5		0-18	3-4	0-18	3	EMC20-50A	EMC20-50B
G1"	24	50	18.1		0-18	3-5.5	-	-	EMC25-50A	EMC25-50B
G1"	24	63	18.1		0-18	3-5.5	0-18	3.5	EMC25-63A	EMC25-63B
G1-1/4"	31	63	23.1		0-18	3-6	0-14	3.5	EMC35-63A	EMC35-63B
G1-1/2"	35	63	32.9		0-18	3-8	0-11	3.5	EMC40-63A	EMC40-63B
G2"	45	63	52.3		0-10	3-6.5	0-8	3.5	EMC50-63A	EMC50-63B
G2"	45	80	52.3		0-18	3-6.8	0-2	4	EMC50-80A	EMC50-80B

EMC Series Plastic Actuator Angle Valve
How to Order?

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

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-DN80
Thread	RG3/8"-RG3-1/2"
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)	max800
Installation	any position
Controlling medium	air/neutral gas
Controlling pressure(Bar)	3-8

Port Size	Actuator	Orifice mm	Kv Value	Temperature /Pressure
3/8"	40	10.6	3.7	-10°C~200°C 0-16Bar
3/8"	50	10.6	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	

Port Size	Actuator	Orifice mm	Kv Value	Temperature /Pressure
1"	50	24	19	-10°C~200°C 0-16Bar
1"	83	24	19	
1-1/4"	83	30	27	
1-1/4"	80	30	27	
1-1/4"	100	30	27	
1-1/2"	83	35	42	
1-1/2"	80	35	42	

Port Size	Actuator	Orifice mm	Kv Value	Temperature /Pressure
1-1/2"	100	35	42	-10°C~200°C 0-16Bar
2"	83	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:
**43850C
Connector**



Model:
**43850B
Connector**



Model:
**43850A
Connector**



Model:
**EMCC
Connector**



Model:
**PUT
Timer**



Model:
110PH



Photo	Model	For Valve	Size(mm)
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	VC1-F	V5211	Orifice: Ø6mm L x W x H: 22x17x23.5mm
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	VC1-DT	V5211	Orifice: Ø6mm L x W x H: 22x17x23.5mm
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	VC2-DT	V5221 V5231 V5241	Orifice: Ø6.2mm L x W x H: 26.5x22x29mm
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	ZPC	ZPC25 V5221 V5231 V5241	Orifice: Ø6.2mm H:29mm
--	-----	----------------------------------	---------------------------

	ZVC	ZV8-25	Orifice: Ø6mm H:29mm
--	-----	--------	-------------------------

	VXC	VX05-16	Orifice: Ø11mm H:35mm
--	-----	---------	--------------------------

	ZSC-1F	ZS4-25mm	Orifice: Ø16.3mm L x W x H: 54X38.5X40mm
--	--------	----------	--

Photo	Model	For Valve	Size(mm)
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	SLP-HC	SLP10-50(N.O.)	Orifice: Ø16.3 L x W x H: 54X38.5X40mm
---	--------	----------------	--

	SLPC	3-50mm EV1/EV3/EV5 Z3Ø10	Orifice: Ø14.7 L x W x H: 38.5x28x42mm
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	ZSC-1D	ZS10-25mm(N.C.) THP(N.C., N.O.) SLP16-50(N.O.)	Orifice: Ø16.3mm L x W x H: 54X38.5X40mm
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	ZSC-2D	ZS32-60mm	Orifice: Ø20.3mm Height: 50mm
--	--------	-----------	----------------------------------

	EGVC-1	5-25mm	Orifice: Ø20.3 H: 81.8mm
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	ESP-C	ESP10-40mm	Orifice: Ø13mm H: 40mm
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Photo	Model	For Valve	Size(mm)	Photo	Model	For Valve	Size(mm)
	EWG	EWSLC	Orifice: $\Phi 11.5$ mm H: 34mm		PUC	PU15-20	Orifice: $\Phi 14$ mm H: 42mm
	UWEG	UW Series	Orifice: $\Phi 16$ mm H: 31mm		EDFC-81	EDF15-25mm	Orifice: $\Phi 18.3$ H: 43.5mm
	VEC	VE221 VE231 VE241	Orifice: $\Phi 9.2$ mm H: 29mm		EDFC-82	EDF32-50	Orifice: $\Phi 21$ H: 58.5mm
	USC	US35-50 US10-50	Orifice: $\Phi 23$ mm H: 50mm		EMC-1C	EMC22/ EMC23 Series	Orifice: $\Phi 12$ mm L x W x H: 47x36x40mm
	UDC	UD6-6 EV2/EV4	Orifice: $\Phi 14$ mm H: 31mm		EMC-2C	EMC Diaphragm type 08-25	Orifice: $\Phi 14.5$ mm L x W x H: 47x36x40mm
	UWC-1	UW10-25	Orifice: $\Phi 16$ mm H: 37mm		EMB-C	EMB23 valve	Orifice: $\Phi 11.5$ mm L x W x H: 30x30x47mm
	Q23C	Q23XD	Orifice: $\Phi 19$ mm H: 33mm		EMCFC	EMCF type pulse valve	Orifice: $\Phi 12.3$ mm 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:

EIC3000-01 EIC2000-02



Model:

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



Model:

EIC2010-01 EIC2010-02



Model:

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



Model:

EW2000-01 EW2000-02



Model:

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



Model:

EIL2000-01 EIL2000-02



Model:

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



Model:

EIR2000-01 EIR2000-02



Model:

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



Model:

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

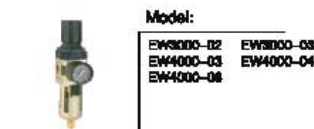
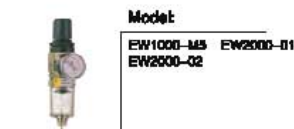
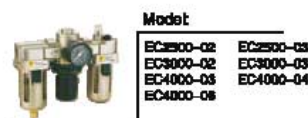
E Series Air Source Treatment Unit

How to Order?

E	-	C	--	30	--	00	--	03	--	
E Series										
C: Filter+Regulator+Lubricator				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	
W: F+R				10: 1000 Body Size						
F: Filter				20: 2000 Body Size						
L: Lubricator				30: 3000 Body Size						
R: Regulator				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)



How to Order?

HE	--	C	--	30	--	00	--	03	--	
HE Series										
C: Filter+Regulator+Lubricator W: F+R F: Filter L: Lubricator				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 Dr: Auto Drain Type Available Only For 3000 or Above	
				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.: 6-80°C

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

Environmental
Protective

Model:

HEC3000-01
HEC3000-02



Model:

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



Model:

HEC6000-06
HEC5000-10

Model:

HEC2010-01
HEC2010-02



Model:

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



Model:

HEC8010-06
HEC8010-10

Model:

HEW2000-01
HEW2000-02



Model:

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



Model:

HEW8000-06
HEW5000-10

Model:

HEF2000-01
HEF2000-02



Model:

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



Model:

HEF6000-06
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
ER6000-10

HNE Series Air Source Treatment Unit

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" 05: 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: 6000 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: HNEW3000-03
- * HNE series, F+R, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: HNEC3000-03
- * 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



Model:

HNEC2000-01
HNEC2000-02



Model:

HNEC3000-02
HNEC3000-03
HNEC4000-04
HNEC4000-08



Model:

HNEC5000-08
HNEC5000-10



Model:

HNEC2010-01
HNEC2010-02



Model:

HNEC3010-02
HNEC3010-03
HNEC4010-04
HNEC4010-08



Model:

HNEC5010-08
HNEC5010-10



Model:

HNEW2000-01
HNEW2000-02



Model:

HNEW3000-02
HNEW3000-03
HNEW4000-04
HNEW4000-08



Model:

HNEW5000-08
HNEW5000-10



Model:

HNEF2000-01
HNEF2000-02



Model:

HNEF3000-02
HNEF3000-03
HNEF4000-04
HNEF4000-08



Model:

HNEF5000-08
HNEF5000-10



Model:

HNEL2000-01
HNEL2000-02



Model:

HNEL3000-02
HNEL3000-03
HNEL4000-04
HNEL4000-08



Model:

HNEL5000-08
HNEL5000-10



Model:

ER2000-01 ER2000-02
ER3000-02 ER3000-03
ER4000-03 ER4000-04
ER4000-06 ER4000-08
ER5000-10 ER5000-08

- * Working Press.: 0.5-10Bar
- * Max. Press.: 16Bar
- * Working Temp.: 5-60°C
- * Filter Precision: 25 μ (5 μ is optional)

Metal Bowl

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
Y60L	EC4000-06
Y80L	EC6000

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
Y60T	EC4010-06
Y80T	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	ER2000/2600 EW2000/2600
B320	ER3000 EW3000
B420	ER4000/6000 EW4000/6000

40-Type Bracket


Model	Applicable Model
B240	EF2000 EL2000
B340	EF3000 EL3000
B440	EF4000 EL4000
B540	EF4000-06 EL4000-06
B640	EF6000 EL6000

Auto Drain

HAD402 1/2"


Auto Drain

HED402-02
HED402-03
HED402-04


Auto Drain Element

ZDF8-06
ZDF8-08


High Precision Regulator

EHP3000-02
EHP3000-03



New

AE/BE Series Air Source Treatment Unit

70

How to Order?

AE	--	C	--	2000	--	☐
AE: Smaller body size, without bowl guard BE: Bigger body size, with bowl guard		Filter+Regulator+Lubricator		Port size 1800: 1/8" 2000: 1/4" 3000: 3/8" 4000: 1/2"		Blanc Manual drain type D: Auto drain type (Longer water cup for AE series)

- * Working Press.: 0.5-10Bar
- * Max. Press.: 15Bar
- * Working Temp.: 5-80°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:

AEC2000



Model:

BEFC2000
BEFC3000
BEFC4000



Model:

AEF2000



Model:

BEFR2000
BEFR3000
BEFR4000



Model:

AEF2000



Model:

BEF2000
BEF3000
BEF4000



Model:

AEL2000



Model:

BEL2000
BEL3000
BEL4000



Model:

AER2000
AER3000
AER4000
AER5000



EA Series Air Source Treatment Unit

* Working Pressure: 0.5-17Bar



Model:
EAF3000-02



Model:
EAL3000-02



Model:
EAP3000-02

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:
EFL804-02
EFL804-03
EFL804-04

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-8A	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"	36
A-32A	1 1/4"	46
A-40A	1 1/2"	52
A-50A	2"	64



AS Type Muffler Steel with Nickel

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-16	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"	11
AP-8	1/4"	14
AP-10	3/8"	17
AP-15	1/2"	22
AP-20	3/4"	27
AP-25	1"	33



SET Type Muffler

Model	Thread Size	S
SET-7	1/8"	8
SET-8.5	1/4"	10
SET-12.5	3/8"	14
SET-15.5	1/2"	18
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"	16
V-10	3/8"	19
V-15	1/2"	22
V-20	3/4"	30
V-25	1"	36



VS 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



V9 Type Muffler Steel with Nickel 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



V8F Type Muffler Shell
with Nickel Plated

Model	Thread Size	S
V8F-6	1/8"	14
V8F-8	1/4"	17
V8F-10	3/8"	22
V8F-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-16	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



VTF 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"	18.5
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"	16
SD-10	3/8"	19
SD-15	1/2"	22
SD-20	3/4"	27
SD-25	1"	34



SE Quick Exhaust
Muffling Throttle Valve

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



SF Quick Exhaust
Muffling Throttle Valve

Model	Thread Size	S
SF-6	1/8"	13
SF-8	1/4"	14
SF-10	3/8"	17
SF-15	1/2"	22
SF-20	3/4"	27
SF-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"	18
SU-8	1/4"	20
SU-10	3/8"	24
SU-16	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"	26
PSU-16	1/2"	26
PSU-20	3/4"	26
PSU-25	1"	26



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"	26
PSE-16	1/2"	26
PSE-20	3/4"	37
PSE-25	1"	48


EPC


Tube(Metric)-Thread(R)			MODEL(ΦD-T)			Tube(Inch)-Thread(NPT)		
EPC04-M6	EPC08-04	EPC12-02	EPC14-01	EPC16-04	EPC18-02	EPC14-1/4"N	EPC12-1/4"N	EPC10-1/4"N
EPC04-M8	EPC08-01	EPC12-03	EPC14-02	EPC16-03	EPC18-03	EPC14-3/8"N	EPC12-3/8"N	EPC10-3/8"N
EPC04-01	EPC08-02	EPC12-04	EPC14-03	EPC16-01	EPC18-01	EPC14-1/2"N	EPC12-1/2"N	EPC10-1/2"N
EPC04-02	EPC08-03	EPC12-05	EPC14-04	EPC16-02	EPC18-03	EPC14-3/4"N	EPC12-3/4"N	EPC10-3/4"N
EPC08-M6	EPC10-04	EPC14-04	EPC16-02			EPC14-1/4"N	EPC12-1/4"N	EPC10-1/4"N
EPC08-M8	EPC10-01	EPC14-03	EPC16-03			EPC14-3/8"N	EPC12-3/8"N	EPC10-3/8"N
EPC08-01	EPC10-02	EPC14-04	EPC16-01			EPC14-1/2"N	EPC12-1/2"N	EPC10-1/2"N
EPC08-02	EPC10-03		EPC16-02			EPC14-3/4"N	EPC12-3/4"N	EPC10-3/4"N
EPC08-03	EPC10-04		EPC16-03			EPC14-1 1/4"N	EPC12-1 1/4"N	EPC10-1 1/4"N

EPCF


Tube(Metric)-Thread(R)			MODEL(ΦD-T)			Tube(Inch)-Thread(NPT)		
EPCF04-01	EPCF10-01	EPCF14-01	EPCF16-01	EPCF18-01	EPCF20-01	EPCF14-1/4"N	EPCF12-1/4"N	EPCF10-1/4"N
EPCF04-02	EPCF10-02	EPCF14-02	EPCF16-02	EPCF18-02	EPCF20-02	EPCF14-3/8"N	EPCF12-3/8"N	EPCF10-3/8"N
EPCF08-01	EPCF10-03	EPCF14-03	EPCF16-03	EPCF18-03	EPCF20-03	EPCF14-1/2"N	EPCF12-1/2"N	EPCF10-1/2"N
EPCF08-02	EPCF10-04	EPCF14-04	EPCF16-04	EPCF18-04	EPCF20-04	EPCF14-3/4"N	EPCF12-3/4"N	EPCF10-3/4"N
EPCF08-03	EPCF12-02	EPCF16-02	EPCF18-02	EPCF20-02		EPCF14-1 1/4"N	EPCF12-1 1/4"N	EPCF10-1 1/4"N
EPCF08-01	EPCF12-03	EPCF16-03	EPCF18-03	EPCF20-03		EPCF14-1 1/2"N	EPCF12-1 1/2"N	EPCF10-1 1/2"N
EPCF08-02	EPCF12-04					EPCF14-1 3/4"N	EPCF12-1 3/4"N	EPCF10-1 3/4"N
EPCF08-03	EPCF12-05					EPCF14-1 7/8"N	EPCF12-1 7/8"N	EPCF10-1 7/8"N
EPCF08-04	EPCF12-06					EPCF14-2"N	EPCF12-2"N	EPCF10-2"N

EPOC


Tube(Metric)-Thread(R)			MODEL(ΦD-T)			Tube(Inch)-Thread(NPT)		
EPOC04-M6	EPOC08-01	EPOC12-03	EPOC14-01	EPOC16-04	EPOC18-02	EPOC14-1/4"N	EPOC12-1/4"N	EPOC10-1/4"N
EPOC04-M8	EPOC08-02	EPOC12-04	EPOC14-02	EPOC16-03	EPOC18-03	EPOC14-3/8"N	EPOC12-3/8"N	EPOC10-3/8"N
EPOC04-01	EPOC08-03	EPOC12-05	EPOC14-03	EPOC16-01	EPOC18-01	EPOC14-1/2"N	EPOC12-1/2"N	EPOC10-1/2"N
EPOC04-02	EPOC08-04	EPOC12-06	EPOC14-04	EPOC16-02	EPOC18-02	EPOC14-3/4"N	EPOC12-3/4"N	EPOC10-3/4"N
EPOC08-M6	EPOC10-01	EPOC14-03	EPOC16-03	EPOC18-03	EPOC20-03	EPOC14-1/4"N	EPOC12-1/4"N	EPOC10-1/4"N
EPOC08-M8	EPOC10-02	EPOC14-04	EPOC16-04	EPOC18-04	EPOC20-04	EPOC14-3/8"N	EPOC12-3/8"N	EPOC10-3/8"N
EPOC08-01	EPOC10-03					EPOC14-1/2"N	EPOC12-1/2"N	EPOC10-1/2"N
EPOC08-02	EPOC10-04					EPOC14-3/4"N	EPOC12-3/4"N	EPOC10-3/4"N
EPOC08-03	EPOC10-05					EPOC14-1 1/4"N	EPOC12-1 1/4"N	EPOC10-1 1/4"N

EPMF


Tube(Metric)-Thread(R)			MODEL(ΦD-T)			Tube(Inch)-Thread(NPT)		
EPMF04-01	EPMF10-01	EPMF14-01	EPMF16-01	EPMF18-01	EPMF20-01	EPMF14-1/4"N	EPMF12-1/4"N	EPMF10-1/4"N
EPMF04-02	EPMF10-02	EPMF14-02	EPMF16-02	EPMF18-02	EPMF20-02	EPMF14-3/8"N	EPMF12-3/8"N	EPMF10-3/8"N
EPMF08-01	EPMF10-03	EPMF14-03	EPMF16-03	EPMF18-03	EPMF20-03	EPMF14-1/2"N	EPMF12-1/2"N	EPMF10-1/2"N
EPMF08-02	EPMF10-04	EPMF14-04	EPMF16-04	EPMF18-04	EPMF20-04	EPMF14-3/4"N	EPMF12-3/4"N	EPMF10-3/4"N
EPMF08-03	EPMF12-02	EPMF16-02	EPMF18-02	EPMF20-02		EPMF14-1 1/4"N	EPMF12-1 1/4"N	EPMF10-1 1/4"N
EPMF08-01	EPMF12-03	EPMF16-03	EPMF18-03	EPMF20-03		EPMF14-1 1/2"N	EPMF12-1 1/2"N	EPMF10-1 1/2"N
EPMF08-02	EPMF12-04					EPMF14-1 3/4"N	EPMF12-1 3/4"N	EPMF10-1 3/4"N
EPMF08-03	EPMF12-05					EPMF14-1 7/8"N	EPMF12-1 7/8"N	EPMF10-1 7/8"N
EPMF08-04	EPMF12-06					EPMF14-2"N	EPMF12-2"N	EPMF10-2"N

EPL


Tube(Metric)-Thread(R)			MODEL(ΦD-T)			Tube(Inch)-Thread(NPT)		
EPL04-M6	EPL08-04	EPL12-02	EPL14-01	EPL16-04	EPL18-02	EPL14-1/4"N	EPL12-1/4"N	EPL10-1/4"N
EPL04-M8	EPL08-01	EPL12-03	EPL14-02	EPL16-03	EPL18-03	EPL14-3/8"N	EPL12-3/8"N	EPL10-3/8"N
EPL04-01	EPL08-02	EPL12-04	EPL14-03	EPL16-01	EPL18-01	EPL14-1/2"N	EPL12-1/2"N	EPL10-1/2"N
EPL04-02	EPL08-03	EPL12-05	EPL14-04	EPL16-02	EPL18-02	EPL14-3/4"N	EPL12-3/4"N	EPL10-3/4"N
EPL08-M6	EPL10-04	EPL14-04	EPL16-04	EPL18-04	EPL20-04	EPL14-1/4"N	EPL12-1/4"N	EPL10-1/4"N
EPL08-M8	EPL10-01	EPL14-03	EPL16-03	EPL18-03	EPL20-03	EPL14-3/8"N	EPL12-3/8"N	EPL10-3/8"N
EPL08-01	EPL10-02	EPL14-04	EPL16-01			EPL14-1/2"N	EPL12-1/2"N	EPL10-1/2"N
EPL08-02	EPL10-03		EPL16-02			EPL14-3/4"N	EPL12-3/4"N	EPL10-3/4"N
EPL08-03	EPL10-04		EPL16-03			EPL14-1 1/4"N	EPL12-1 1/4"N	EPL10-1 1/4"N

EPLF


MODEL (ØD-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-M8	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	
EPLF08-M5	EPLF10-01	EPLF16-03	EPLF1/4-1/4"N	
EPLF08-M8	EPLF10-02	EPLF16-04	EPLF5/16-1/8"N	
EPLF08-01	EPLF10-03		EPLF5/16-1/4"N	
EPLF08-02	EPLF10-04		EPLF5/16-3/8"N	
EPLF08-03	EPLF12-02		EPLF3/8-1/4"N	

EPLL


MODEL (ØD-T)				
Tube (Metric) - Thread (R)		Tube (inch) - Thread (NPT)		
EPLL04-M5	EPLL08-01	EPLL12-02	EPLL1/4-01	EPLL5/32-1/8"N
EPLL04-M8	EPLL08-04	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
EPLL08-M5	EPLL08-04	EPLL14-04	EPLL1/4-1/8"N	EPLL3/8-1/2"N
EPLL08-M8	EPLL10-01	EPLL16-03	EPLL1/4-1/4"N	EPLL1/2-1/4"N
EPLL08-01	EPLL10-02	EPLL16-04	EPLL1/4-3/8"N	EPLL1/2-3/8"N
EPLL08-02	EPLL10-03		EPLL5/16-1/8"N	EPLL1/2-1/2"N
EPLL08-03	EPLL10-04			

EPLH


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

EPB


MODEL (ØD-T)				
Tube (Metric) - Thread (R)		Tube (inch) - Thread (NPT)		
EPB04-M5	EPB08-04	EPB12-02	EPB5/32-1/8"N	EPB1/4-1/4"N
EPB04-M8	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	EPB1/2-3/8"N
EPB04-02	EPB08-03	EPB14-03	EPB3/16-1/4"N	EPB1/2-1/2"N
EPB08-M5	EPB08-04	EPB14-04	EPB3/16-1/4"N	EPB5/16-1/4"N
EPB08-M8	EPB10-01	EPB16-03	EPB3/16-3/8"N	EPB5/16-3/8"N
EPB08-01	EPB10-02	EPB16-04	EPB1/4-1/8"N	EPB3/8-1/8"N
EPB08-02	EPB10-03	EPB16-05		EPB3/8-1/4"N
EPB08-03	EPB10-04	EPB16-06		EPB3/8-3/8"N
				EPB3/8-1/2"N

EPBF


MODEL (ØD-T)				
Tube (Metric) - Thread (R)		Tube (inch) - Thread (NPT)		
EPBF04-M5	EPBF08-04	EPBF12-02	EPBF5/32-1/8"N	EPBF1/4-1/4"N
EPBF04-M8	EPBF08-01	EPBF12-03	EPBF5/32-1/4"N	EPBF1/4-3/8"N
EPBF04-01	EPBF08-02	EPBF12-04	EPBF3/16-1/8"N	EPBF1/2-3/8"N
EPBF04-02	EPBF08-03	EPBF14-03	EPBF3/16-1/4"N	EPBF1/2-1/2"N
EPBF08-M5	EPBF08-04	EPBF14-04	EPBF3/16-1/4"N	EPBF5/16-1/4"N
EPBF08-M8	EPBF10-01	EPBF16-03	EPBF3/16-3/8"N	EPBF5/16-3/8"N
EPBF08-01	EPBF10-02	EPBF16-04	EPBF1/4-1/8"N	EPBF3/8-1/8"N
EPBF08-02	EPBF10-03	EPBF16-05		EPBF3/8-1/4"N
EPBF08-03	EPBF10-04	EPBF16-06		EPBF3/8-3/8"N
				EPBF3/8-1/2"N


EPD


Tube(Metric)-Thread(R)			MODEL (ØD-T)			Tube(Inch)-Thread(NPT)		
			Tube(Inch)-Thread(R)					
EPD04-M5	EPD08-04	EPD12-02	EPD14-01	EPD08-04	EPD08/32-1/8"N	EPD14-1/4"N	EPD12-1/4"N	
EPD04-M8	EPD08-01	EPD12-03	EPD14-02	EPD12-02	EPD08/32-1/4"N	EPD14-3/8"N	EPD12-3/8"N	
EPD04-01	EPD08-02	EPD12-04	EPD14-03	EPD12-03	EPD08/16-1/8"N	EPD08/16-1/8"N	EPD12-1/2"N	
EPD04-02	EPD08-03	EPD14-03	EPD08/16-01	EPD12-04	EPD08/16-1/4"N	EPD08/16-1/4"N		
EPD08-M5	EPD08-04	EPD14-04	EPD08/16-02		EPD08/16-3/8"N	EPD08/16-3/8"N		
EPD08-M8	EPD10-01	EPD16-03	EPD08/16-03		EPD14-1/8"N	EPD08/16-1/8"N		
EPD08-01	EPD10-02	EPD16-04	EPD08/16-01			EPD08/16-1/4"N		
EPD08-02	EPD10-03		EPD08/16-02			EPD08/16-3/8"N		
EPD08-03	EPD10-04		EPD08/16-03			EPD08/16-1/2"N		

EPWT


Tube(Metric)-Thread(R)			MODEL (ØD-T)			Tube(Inch)-Thread(NPT)		
			Tube(Inch)-Thread(R)					
EPWT04-M5	EPWT08-04	EPWT12-02	EPWT14-01	EPWT08-04	EPWT08/32-1/8"N	EPWT14-1/4"N	EPWT12-1/4"N	
EPWT04-M8	EPWT08-01	EPWT12-03	EPWT14-02	EPWT12-02	EPWT08/32-1/4"N	EPWT14-3/8"N	EPWT12-3/8"N	
EPWT04-01	EPWT08-02	EPWT12-04	EPWT14-03	EPWT12-03	EPWT08/16-1/8"N	EPWT08/16-1/8"N	EPWT12-1/2"N	
EPWT04-02	EPWT08-03		EPWT08/16-01	EPWT12-04	EPWT08/16-1/4"N	EPWT08/16-1/4"N		
EPWT08-M5	EPWT08-04		EPWT08/16-02		EPWT08/16-3/8"N	EPWT08/16-3/8"N		
EPWT08-M8	EPWT10-01		EPWT08/16-03		EPWT14-1/8"N	EPWT08/16-1/8"N		
EPWT08-01	EPWT10-02		EPWT08/16-01			EPWT08/16-1/4"N		
EPWT08-02	EPWT10-03		EPWT08/16-02			EPWT08/16-3/8"N		
EPWT08-03	EPWT10-04		EPWT08/16-03			EPWT08/16-1/2"N		

EPH


Tube(Metric)-Thread(R)			MODEL (ØD-T)			Tube(Inch)-Thread(NPT)		
			Tube(Inch)-Thread(R)					
EPH04-M5	EPH08-01	EPH12-04	EPH14-M5	EPH08-04	EPH08/32-1/8"N	EPH14-1/4"N	EPH12-1/4"N	
EPH04-M8	EPH08-02		EPH14-01		EPH08/32-1/4"N	EPH14-3/8"N	EPH12-3/8"N	
EPH04-01	EPH08-03		EPH14-02		EPH08/16-1/8"N	EPH14-1/2"N	EPH12-1/2"N	
EPH04-02	EPH08-04		EPH08/16-01		EPH14-1/8"N	EPH14-1/4"N	EPH12-1/2"N	
EPH08-M5	EPH10-02		EPH08/16-02		EPH14-1/8"N	EPH14-1/4"N	EPH12-1/2"N	
EPH08-M8	EPH10-03		EPH08/16-03		EPH14-1/8"N	EPH14-1/4"N	EPH12-1/2"N	
EPH10-01	EPH10-04		EPH08/16-01		EPH14-1/8"N	EPH14-1/4"N	EPH12-1/2"N	
EPH10-02	EPH12-02		EPH08/16-02		EPH14-1/8"N	EPH14-1/4"N	EPH12-1/2"N	
EPH10-03	EPH12-03		EPH08/16-03		EPH14-1/8"N	EPH14-1/4"N	EPH12-1/2"N	

EPHF


Tube(Metric)-Thread(R)			MODEL (ØD-T)			Tube(Inch)-Thread(NPT)		
			Tube(Inch)-Thread(R)					
EPHF04-M5	EPHF08-01	EPHF12-04	EPHF14-M5	EPHF08-04	EPHF08/32-1/8"N	EPHF14-1/4"N	EPHF12-1/4"N	
EPHF04-M8	EPHF08-02		EPHF14-01		EPHF08/32-1/4"N	EPHF14-3/8"N	EPHF12-3/8"N	
EPHF04-01	EPHF08-03		EPHF14-02		EPHF08/16-1/8"N	EPHF14-1/2"N	EPHF12-1/2"N	
EPHF04-02	EPHF08-04		EPHF08/16-01		EPHF14-1/8"N	EPHF14-1/4"N	EPHF12-1/2"N	
EPHF08-M5	EPHF10-02		EPHF08/16-02		EPHF14-1/8"N	EPHF14-1/4"N	EPHF12-1/2"N	
EPHF08-M8	EPHF10-03		EPHF08/16-03		EPHF14-1/8"N	EPHF14-1/4"N	EPHF12-1/2"N	
EPHF08-01	EPHF10-04		EPHF08/16-01		EPHF14-1/8"N	EPHF14-1/4"N	EPHF12-1/2"N	
EPHF08-02	EPHF12-02		EPHF08/16-02		EPHF14-1/8"N	EPHF14-1/4"N	EPHF12-1/2"N	
EPHF08-03	EPHF12-03		EPHF08/16-03		EPHF14-1/8"N	EPHF14-1/4"N	EPHF12-1/2"N	

EPGJ


Tube(Metric)-Tube (Metric)			MODEL (ØD1-ØD2)			Tube(Inch)-Tube (Inch)		
			Tube(Inch)-Tube (Inch)					
EPGJ06-04			EPGJ08-1/4			EPGJ08/16-5/32		
EPGJ08-04			EPGJ10-1/4			EPGJ10-1/4		
EPGJ08-08			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	EPUS/32
EPU06	EPUS/16
EPU08	EPUS/14
EPU10	EPUS/16
EPU12	EPUS/18
EPU14	EPUS/20
EPU16	EPUS/22

EPP

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPP 04	EPP S/32
EPP 06	EPP S/16
EPP 08	
EPP 10	
EPP 12	
EPP 14	

EPV

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPV04	EPVS/32
EPV06	EPVS/16
EPV08	EPVS/14
EPV10	EPVS/16
EPV12	EPVS/18
EPV14	EPVS/20
EPV16	EPVS/22

EPJ

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPJ 04	EPJS/32
EPJ 06	EPJS/16
EPJ 08	EPJS/14
EPJ 10	EPJS/16
EPJ 12	EPJS/18
EPJ 14	EPJS/20
EPJ 16	EPJS/22

EPE

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPE04	EPEGS/32
EPE06	EPEGS/16
EPE08	EPEGS/14
EPE10	EPEGS/16
EPE12	EPEGS/18
EPE14	EPEGS/20
EPE16	EPEGS/22

EPLJ

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPLJ04	EPLJGS/32
EPLJ06	EPLJGS/16
EPLJ08	EPLJGS/14
EPLJ10	EPLJGS/16
EPLJ12	EPLJGS/18
EPLJ14	EPLJGS/20
EPLJ16	EPLJGS/22

EPY

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPY04	EPYGS/32
EPY06	EPYGS/16
EPY08	EPYGS/14
EPY10	EPYGS/16
EPY12	EPYGS/18
EPY14	EPYGS/20
EPY16	EPYGS/22

EPYJ

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPYJ04	EPYJGS/32
EPYJ06	EPYJGS/16
EPYJ08	EPYJGS/14
EPYJ10	EPYJGS/16
EPYJ12	EPYJGS/18
EPYJ14	EPYJGS/20
EPYJ16	EPYJGS/22

EPM

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPM04	EPMS/32
EPM06	EPMS/16
EPM08	EPMS/14
EPM10	EPMS/16
EPM12	EPMS/18
EPM14	EPMS/20
EPM16	EPMS/22

EPG

 $\Phi D2$
MODEL(ΦD1-ΦD2)

Tube(Metric)	Tube(Inch)
EPG08-04	EPG16-12
EPG08-04	EPG16-12
EPG08-04	EPG16-12
EPG08-08	EPG16-14
EPG10-08	EPG16-16
EPG10-08	EPG16-18
EPG12-10	EPG16-20

EPZA

 ΦD
MODEL(ΦD)

Tube(Metric)	Tube(Inch)
EPZA 04	EPZA S-32
EPZA 06	EPZA S/16
EPZA 08	EPZA S/14
EPZA 10	EPZA S/16
EPZA 12	EPZA S/18
EPZA 14	EPZA S/20
EPZA 16	EPZA S/22

EPW

 $\Phi D1$
MODEL(ΦD1-ΦD2)

Tube(Metric)	Tube(Inch)
EPW08-04	EPW16-12
EPW08-06	EPW16-14
EPW10-08	EPW16-16
EPW12-10	EPW16-18
EPW14-12	EPW16-20
EPW16-14	EPW16-22


EPEW


MODEL (ΦD1-ΦD2)	
Tube(Metric)	Tube(Inch)
EPEW08-04	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 (ΦD1-ΦD2)	
Tube(Metric)	Tube(Inch)
EPEJ 08-04	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 (ΦD1-ΦD2)	
Tube(Metric)	Tube(Inch)
EPEG08-04	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 (ΦD1-ΦD2)	
Tube(Metric)	Tube(Inch)
EP6J 08-04	EP6J 1/4-5/32
EP6J 08-06	EP6J 5/16-1/4
EP6J 10-08	EP6J 3/8-5/16
EP6J 12-10	EP6J 1/2-3/8

EPKG


MODEL (ΦD1-ΦD2)	
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 3/16-3/8
EPKG 10-08	EPKG 5/16-1/4
	EPKG 3/8-1/4
	EPKG 3/8-5/16

EPKB


MODEL (ΦD-T)	
Tube(Metric)	Tube(Inch)
EPKB 04-01	EPKB 08-01
EPKB 04-02	EPKB 08-02
EPKB 06-01	EPKB 08-03
EPKB 08-02	
EPKB 08-03	

EPIG


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

EPKD


MODEL (ΦD1-ΦD2-T)	
Tube(Metric)	Tube(Inch)
EPKD 08-04-1	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 (ΦD1-ΦD2)	
Tube(Metric)	Tube(Inch)
EPWJ08-04	EPWJ1/4-5/32
EPWJ08-06	EPWJ5/16-1/4
EPWJ10-08	EPWJ3/8-5/16
EPWJ12-10	EPWJ1/2-3/8

EPK


MODEL (ΦD)	
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-B



Metric (G1/2")		
Nominal Pressure		
EPC 04-001	EPC 06-001	EPC 10-001
EPC 04-002	EPC 06-002	EPC 10-002
EPC 06-001	EPC 08-001	EPC 12-001
EPC 06-002	EPC 08-002	EPC 12-002
EPC 08-001	EPC 10-001	EPC 14-001
EPC 08-002	EPC 10-002	EPC 14-002
EPC 10-001	EPC 12-001	EPC 16-001
EPC 10-002	EPC 12-002	EPC 16-002

EPL-B



Metric (G1/2")		
Nominal Pressure		
EPL 04-001	EPL 06-001	EPL 10-001
EPL 04-002	EPL 06-002	EPL 10-002
EPL 06-001	EPL 08-001	EPL 12-001
EPL 06-002	EPL 08-002	EPL 12-002
EPL 08-001	EPL 10-001	EPL 14-001
EPL 08-002	EPL 10-002	EPL 14-002
EPL 10-001	EPL 12-001	EPL 16-001
EPL 10-002	EPL 12-002	EPL 16-002

EPCF-B



Metric (G1/2")		
Nominal Pressure		
EPCF 04-001	EPCF 06-001	EPCF 10-001
EPCF 04-002	EPCF 06-002	EPCF 10-002
EPCF 06-001	EPCF 08-001	EPCF 12-001
EPCF 06-002	EPCF 08-002	EPCF 12-002
EPCF 08-001	EPCF 10-001	EPCF 14-001
EPCF 08-002	EPCF 10-002	EPCF 14-002
EPCF 10-001	EPCF 12-001	EPCF 16-001
EPCF 10-002	EPCF 12-002	EPCF 16-002

EPLF-B



Metric (G1/2")		
Nominal Pressure		
EPLF 04-001	EPLF 06-001	EPLF 10-001
EPLF 04-002	EPLF 06-002	EPLF 10-002
EPLF 06-001	EPLF 08-001	EPLF 12-001
EPLF 06-002	EPLF 08-002	EPLF 12-002
EPLF 08-001	EPLF 10-001	EPLF 14-001
EPLF 08-002	EPLF 10-002	EPLF 14-002
EPLF 10-001	EPLF 12-001	EPLF 16-001
EPLF 10-002	EPLF 12-002	EPLF 16-002

EPOC-B



Metric (G1/2")		
Nominal Pressure		
EPOC 04-001	EPOC 06-001	EPOC 10-001
EPOC 04-002	EPOC 06-002	EPOC 10-002
EPOC 06-001	EPOC 08-001	EPOC 12-001
EPOC 06-002	EPOC 08-002	EPOC 12-002
EPOC 08-001	EPOC 10-001	EPOC 14-001
EPOC 08-002	EPOC 10-002	EPOC 14-002
EPOC 10-001	EPOC 12-001	EPOC 16-001
EPOC 10-002	EPOC 12-002	EPOC 16-002

EPLL-B



Metric (G1/2")		
Nominal Pressure		
EPLL 04-001	EPLL 06-001	EPLL 10-001
EPLL 04-002	EPLL 06-002	EPLL 10-002
EPLL 06-001	EPLL 08-001	EPLL 12-001
EPLL 06-002	EPLL 08-002	EPLL 12-002
EPLL 08-001	EPLL 10-001	EPLL 14-001
EPLL 08-002	EPLL 10-002	EPLL 14-002
EPLL 10-001	EPLL 12-001	EPLL 16-001
EPLL 10-002	EPLL 12-002	EPLL 16-002

EPMF-B



Metric (G1/2")		
Nominal Pressure		
EPMF 04-001	EPMF 06-001	EPMF 10-001
EPMF 04-002	EPMF 06-002	EPMF 10-002
EPMF 06-001	EPMF 08-001	EPMF 12-001
EPMF 06-002	EPMF 08-002	EPMF 12-002
EPMF 08-001	EPMF 10-001	EPMF 14-001
EPMF 08-002	EPMF 10-002	EPMF 14-002
EPMF 10-001	EPMF 12-001	EPMF 16-001
EPMF 10-002	EPMF 12-002	EPMF 16-002

EPLH-B



Metric (G1/2")		
Nominal Pressure		
EPLH 04-001	EPLH 06-001	EPLH 10-001
EPLH 04-002	EPLH 06-002	EPLH 10-002
EPLH 06-001	EPLH 08-001	EPLH 12-001
EPLH 06-002	EPLH 08-002	EPLH 12-002
EPLH 08-001	EPLH 10-001	EPLH 14-001
EPLH 08-002	EPLH 10-002	EPLH 14-002
EPLH 10-001	EPLH 12-001	EPLH 16-001
EPLH 10-002	EPLH 12-002	EPLH 16-002


EPB-G


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

EPD-G


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

EPBF-G


MODEL (ØD-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 (ØD-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 (ØD-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 (ØD1-ØD2-T)	
Tube (Metric) - Thread (G)	
EPKD 06-04-G01	
EPKD 08-04-G02	
EPKD 08-06-G02	
EPKD 10-06-G03	

Hand Valve
EHVFS


MODEL(ØD-T)		
Tube(Metric)	Thread(R)	
EHVFS 08-01	EHVFS 10-02	EHVFS 12-02
EHVFS 08-02	EHVFS 10-03	EHVFS 12-03
EHVFS 08-03	EHVFS 10-04	EHVFS 12-04
EHVFS 08-01		
EHVFS 08-02		
EHVFS 08-03		

EHVSF


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

EHVFF


MODEL(ØD1-ØD2)		
Tube(Metric)	Thread(R)	
EHVFF 08-08	EHVFF 12-10	
EHVFF 08-08	EHVFF 12-12	
EHVFF 08-08		
EHVFF 10-08		
EHVFF 10-10		

EHVSS


MODEL(T1-T2)		
Tube(Metric)	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

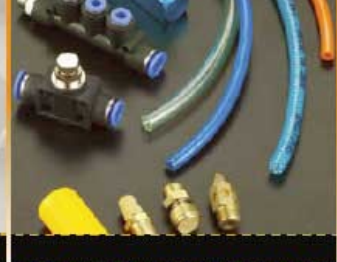

MODEL(ØD-T)		
Tube(Metric)	Thread(G)	
EHVFS 08-G01	EHVFS 08-G03	EHVFS 12-G02
EHVFS 08-G02	EHVFS 10-G02	EHVFS 12-G03
EHVFS 08-G03	EHVFS 10-G03	EHVFS 12-G04
EHVFS 08-G01	EHVFS 10-G04	
EHVFS 08-G02		

EHVSF-G


MODEL(T-ØD)		
Tube(Metric)	Thread(G)	
EHVSF 001-06	EHVSF 003-08	EHVSF 002-12
EHVSF 002-08	EHVSF 002-10	EHVSF 003-12
EHVSF 003-08	EHVSF 003-10	EHVSF 004-12
EHVSF 001-06	EHVSF 004-10	
EHVSF 002-08		

EHVSS-G


MODEL(ØT1-ØT2)		
Thread(G)	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(ØD-T)		MODEL(ØD-T)		MODEL(ØD-T)	
Tube(Metric)		Tube(Metric)		Tube(Metric)	
ESC 04-M5	ESC 08-08	ESC 1/4-M8	ESC 3/8-U	ESC 5/8-U	ESC 6/8-N1
ESC 04-01	ESC 08-04	ESC 1/4-01	ESC 3/8-N1	ESC 5/8-N1	ESC 6/8-N2
ESC 04-02	ESC 10-01	ESC 1/4-02	ESC 3/8-N2	ESC 5/8-N2	ESC 6/8-N3
ESC 08-M8	ESC 10-02	ESC 5/16-01	ESC 3/8-N3	ESC 5/8-N3	ESC 6/8-N4
ESC 08-01	ESC 10-03	ESC 5/16-02	ESC 1/4-U	ESC 1/4-N1	ESC 1/2-N3
ESC 08-02	ESC 10-04	ESC 5/16-03	ESC 1/4-N2	ESC 1/4-N3	ESC 1/2-N4
ESC 08-03	ESC 12-02	ESC 3/8-02			
ESC 08-04	ESC 12-03	ESC 3/8-03			
ESC 08-01	ESC 12-04				
ESC 08-02					

ESC-G


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

ESA


MODEL(ØD1-ØD2)	
Tube(Metric)	
ESA 04	ESA 5/8
ESA 08	ESA 3/4
ESA 08	ESA 1/4
ESA 10	ESA 5/8
ESA 12	ESA 3/8
	ESA 1/2

Mini Fitting
EPC-C


MODEL(ØD-T)		
Tube(Metric)		
EPC 03-M8C	EPC 04-M8C	EPC 06-M8C
EPC 03-M8C	EPC 04-M8C	EPC 06-M8C
EPC 03-M8C	EPC 04-M8C	EPC 06-01C
	EPC 04-01C	

EPB-C


MODEL(ØD-T)		
Tube(Metric)		
EPB 03-M8C	EPB 04-M8C	EPB 06-M8C
EPB 03-M8C	EPB 04-M8C	EPB 06-M8C
EPB 03-M8C	EPB 04-M8C	EPB 06-01C
	EPB 04-01C	

EPCF-C


MODEL(ØD-T)		
Tube(Metric)		
EPCF 03-M8C	EPCF 04-M8C	EPCF 06-M8C
EPCF 03-M8C	EPCF 04-M8C	EPCF 06-M8C
EPCF 03-M8C	EPCF 04-M8C	EPCF 06-01C
	EPCF 04-01C	

EPD-C


MODEL(ØD-T)		
Tube(Metric)		
EPD 03-M8C	EPD 04-M8C	EPD 06-M8C
EPD 03-M8C	EPD 04-M8C	EPD 06-M8C
EPD 03-M8C	EPD 04-M8C	EPD 06-01C
	EPD 04-01C	

EPOC-C


MODEL(ØD-T)		
Tube(Metric)		
EPOC 03-M8C	EPOC 04-M8C	EPOC 06-M8C
EPOC 03-M8C	EPOC 04-M8C	EPOC 06-M8C
EPOC 03-M8C	EPOC 04-M8C	EPOC 06-01C
	EPOC 04-01C	

EPU-C


MODEL(ØD)	
Tube(Metric)	
EPU 08C	
EPU 04C	
EPU 06C	

EPL-C


MODEL(ΦD-T)		
Tube(Metric)		
EPL 03-M3C	EPL 04-M3C	EPL 06-M3C
EPL 03-M5C	EPL 04-M5C	EPL 06-M5C
EPL 03-M8C	EPL 04-M8C	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-M3C
EPLL 03-M5C	EPLL 04-M5C	EPLL 06-M5C
EPLL 03-M8C	EPLL 04-M8C	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 04-001C	
EPC 04-001C	

EPG-C


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

EPL-G-C


MODEL(ΦD-T)	
Tube(Metric)	
EPL 04-001C	
EPL 04-001C	

EPW-C


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

Stop Fitting
ESPC


MODEL (φD-T)
Tube (mm)
ESPC 08-01
ESPC 08-02
ESPC 08-03
ESPC 08-04

ESPL-G


MODEL (φD-T)
Tube (mm)
ESPL 08-001
ESPL 08-002
ESPL 08-001
ESPL 08-002
ESPL 08-003

ESPL


MODEL (φD-T)
Tube (mm)
ESPL 08-005
ESPL 08-01
ESPL 08-02
ESPL 08-01
ESPL 08-02
ESPL 08-03

ESPC-G


MODEL (φD-T)
Tube (mm)
ESPC 08-001
ESPC 08-002
ESPC 08-002
ESPC 08-003

ESPU


MODEL (φD)
Tube (mm)
ESPU 08
ESPU 08

Check Valve
ECVPF


MODEL (T1-T2)
Tube (mm)
ECVPF 08-02
ECVPF 08-03

ECVPF-G


MODEL (T1-T2)
Tube (mm)
ECVPF 08-002
ECVPF 08-003

o Metal One Touch Fitting
EMPC-G
 ϕD


MODEL (G1-T)		
Tube (Metric)		
EMPC 04-M5	EMPC 06-G02	EMPC 10-G01
EMPC 04-M8	EMPC 06-G02	EMPC 10-G02
EMPC 04-G01	EMPC 08-G04	EMPC 10-G03
EMPC 04-G02	EMPC 08-G01	EMPC 10-G04
EMPC 06-M5	EMPC 08-G02	EMPC 12-G02
EMPC 06-M8	EMPC 08-G02	EMPC 12-G03
EMPC 08-G01	EMPC 08-G04	EMPC 12-G04

T

EMPCF-G
 ϕD


MODEL (G1-T)		
Tube (Metric)		
EMPCF 04-M5	EMPCF 06-G02	EMPCF 10-G01
EMPCF 04-M8	EMPCF 06-G02	EMPCF 10-G02
EMPCF 04-G01	EMPCF 08-G04	EMPCF 10-G03
EMPCF 04-G02	EMPCF 08-G01	EMPCF 10-G04
EMPCF 06-M5	EMPCF 08-G02	EMPCF 12-G02
EMPCF 06-M8	EMPCF 08-G02	EMPCF 12-G03
EMPCF 08-G01	EMPCF 08-G04	EMPCF 12-G04

T

EMPL-G
 ϕD


MODEL (G1-T)		
Tube (Metric)		
EMPL 04-M5	EMPL 06-G02	EMPL 10-G01
EMPL 04-M8	EMPL 06-G02	EMPL 10-G02
EMPL 04-G01	EMPL 08-G04	EMPL 10-G03
EMPL 04-G02	EMPL 08-G01	EMPL 10-G04
EMPL 06-M5	EMPL 08-G02	EMPL 12-G02
EMPL 06-M8	EMPL 08-G02	EMPL 12-G03
EMPL 08-G01	EMPL 08-G04	EMPL 12-G04

T

 ϕD
EMPS-G
 ϕD


MODEL (G1-T)		
Tube (Metric)		
EMPS 04-M5	EMPS 06-G02	EMPS 10-G01
EMPS 04-M8	EMPS 06-G02	EMPS 10-G02
EMPS 04-G01	EMPS 08-G04	EMPS 10-G03
EMPS 04-G02	EMPS 08-G01	EMPS 10-G04
EMPS 06-M5	EMPS 08-G02	EMPS 12-G02
EMPS 06-M8	EMPS 08-G02	EMPS 12-G03
EMPS 08-G01	EMPS 08-G04	EMPS 12-G04

T

EMPSC
 ϕD


MODEL (G1-T)		
Tube (Metric)		
EMPSC 04-M5	EMPSC 06-G02	EMPSC 10-G01
EMPSC 04-M8	EMPSC 06-G02	EMPSC 10-G02
EMPSC 04-G01	EMPSC 08-G04	EMPSC 10-G03
EMPSC 04-G02	EMPSC 08-G01	EMPSC 10-G04
EMPSC 06-M5	EMPSC 08-G02	EMPSC 12-G02
EMPSC 06-M8	EMPSC 08-G02	EMPSC 12-G03
EMPSC 08-G01	EMPSC 08-G04	EMPSC 12-G04

 ϕD
EMPU

 ϕD

MODEL (G1)	
Tube (Metric)	
EMPU 04	EMPU 10
EMPU 06	EMPU 12
EMPU 08	

EMPE

 ϕD

MODEL (G1)	
Tube (Metric)	
EMPE 04	EMPE 10
EMPE 06	EMPE 12
EMPE 08	

EMPY

 ϕD

MODEL (G1)	
Tube (Metric)	
MEPY 04	MEPY 10
MEPY 06	MEPY 12
MEPY 08	

EMPM

 ϕD

MODEL (G1)	
Tube (Metric)	
EMPM 04	EMPM 10
EMPM 06	EMPM 12
EMPM 08	

EMPQJ
 $\phi D1$

 $\phi D2$

MODEL (G1-G2)	
Tube (Metric)	
EMPQJ 04-04	EMPQJ 10-06
EMPQJ 06-04	EMPQJ 12-06
EMPQJ 08-06	EMPQJ 12-10
EMPQJ 10-08	



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, 1/4" Thread, Model: EMC06-01

Model

EMC4-06 EMC8-01
EMC4-01 EMC8-02
EMC4-02 EMC8-03
EMC4-03 EMC8-04
EMC4-04 EMC10-01
EMC8-01 EMC10-02
EMC8-02 EMC10-03
EMC8-03 EMC10-04
EMC8-04



EMC

Model

EM4-06 EM4-02
EM4-01 EM4-04
EM4-02 EM4-01
EM4-03 EM4-02
EM4-01 EM4-03
EM4-02 EM4-04
EM4-03 EM4-01
EM4-04 EM4-02
EM4-01 EM4-03
EM4-02 EM4-04



EM4

Model

EM8-06 EM8-02
EM8-01 EM8-04
EM8-02 EM8-01
EM8-03 EM8-02
EM8-01 EM8-03
EM8-02 EM8-04
EM8-03 EM8-01
EM8-04 EM8-02
EM8-01 EM8-03
EM8-02 EM8-04



EM8

Model

EMW4-06 EMW8-01
EMW4-01 EMW8-02
EMW4-02 EMW8-03
EMW4-03 EMW8-04
EMW4-04 EMW10-01
EMW8-01 EMW10-02
EMW8-02 EMW10-03
EMW8-03 EMW10-04
EMW8-04



EMW

Model

EMSC4-06 EMSC8-01
EMSC4-01 EMSC8-02
EMSC4-02 EMSC8-03
EMSC4-03 EMSC8-04
EMSC4-04 EMSC10-01
EMSC8-01 EMSC10-02
EMSC8-02 EMSC10-03
EMSC8-03 EMSC10-04
EMSC8-04



EMSC

Model

EM8-06 EM8-02
EM8-01 EM8-04
EM8-02 EM8-01
EM8-03 EM8-02
EM8-01 EM8-03
EM8-02 EM8-04
EM8-03 EM8-01
EM8-04 EM8-02
EM8-01 EM8-03
EM8-02 EM8-04



EMH

Model

EMZ3-06 EMZ78-03
EMZ3-01 EMZ78-04
EMZ3-02 EMZ78-01
EMZ3-03 EMZ78-02
EMZ3-04 EMZ78-03
EMZ3-05 EMZ78-04
EMZ3-06 EMZ78-01
EMZ3-07 EMZ78-02
EMZ3-08 EMZ78-03
EMZ3-09 EMZ78-04



EMZ3

Model

EMF3-06 EMF9-03
EMF3-01 EMF9-04
EMF3-02 EMF9-01
EMF3-03 EMF9-02
EMF3-04 EMF9-03
EMF3-05 EMF9-04
EMF3-06 EMF9-01
EMF3-07 EMF9-02
EMF3-08 EMF9-03
EMF3-09 EMF9-04



EMF

Model

EMF3-06 EMF9-03
EMF3-01 EMF9-04
EMF3-02 EMF9-01
EMF3-03 EMF9-02
EMF3-04 EMF9-03
EMF3-05 EMF9-04
EMF3-06 EMF9-01
EMF3-07 EMF9-02
EMF3-08 EMF9-03
EMF3-09 EMF9-04



EMF

Model

EMK3-06 EMK9-02
EMK3-01 EMK9-04
EMK3-02 EMK9-01
EMK3-03 EMK9-02
EMK3-04 EMK9-03
EMK3-05 EMK9-04
EMK3-06 EMK9-01
EMK3-07 EMK9-02
EMK3-08 EMK9-03
EMK3-09 EMK9-04



EMK

Model

EMK3-06 EMK9-02
EMK3-01 EMK9-04
EMK3-02 EMK9-01
EMK3-03 EMK9-02
EMK3-04 EMK9-03
EMK3-05 EMK9-04
EMK3-06 EMK9-01
EMK3-07 EMK9-02
EMK3-08 EMK9-03
EMK3-09 EMK9-04



EMK

Model

EMU3
EMU4
EMU5
EMU10



EMU

Model

EMV3
EMV4
EMV5
EMV10



EMV

Model

EME3
EME4
EME5
EME10



EME

Model

EMV4
EMV5
EMV6
EMV10



EMV

Model

EMZA3
EMZA4
EMZA5
EMZA10



EMZA

Model

EMM3
EMM4
EMM5
EMM10



EMM

Model

EMCF3-06 EMCF9-03
EMCF3-01 EMCF9-04
EMCF3-02 EMCF9-01
EMCF3-03 EMCF9-02
EMCF3-04 EMCF9-03
EMCF3-05 EMCF9-04
EMCF3-06 EMCF9-01
EMCF3-07 EMCF9-02
EMCF3-08 EMCF9-03
EMCF3-09 EMCF9-04



EMCF

How to Order?

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

U.S.A Style Fitting

Model



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	EC3/8-1/8N	EC6-1/4	EC10-1/2
EC3/16-10-32UNF	EC3/8-1/4N	EC6-3/8	EC12-1/4
EC3/16-1/8N	EC3/8-3/8N	EC6-1/2	EC12-3/8
EC3/16-3/8N	EC3/8-1/2N	EC9-1/8	EC12-1/2
EC3/16-1/2N	EC1/2-1/4N	EC9-1/4	
EC1/4-10-32UNF	EC1/2-3/8N		
EC1/4-1/8N	EC1/2-1/2N		

EC

Model



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

EL

Model



ECF1/4-1/8N
ECF1/4-1/4N
ECF3/8-1/4N
ECF3/8-3/8N
ECF5/8-1/2
ECF5/8-1/4
ECF5/8-1/4
ECF10-1/4
ECF10-3/8

ECF

Model



EPL1/8-1/8N	EPL1/4-1/4
EPL1/8-1/8N	EPL1/4-1/8
EPL1/8-1/8N	EPL1/4-1/4
EPL1/4-1/8N	EPL1/4-1/8
EPL1/4-1/4N	EPL1/4-1/4
EPL1/4-3/8N	EPL1/4-1/8
EPL1/8-1/8N	EPL1/4-1/8
EPL1/8-1/4N	EPL1/4-1/8
EPL1/8-3/8N	EPL1/4-1/8
EPL1/8-1/2N	EPL1/4-1/8
EPL1/2-3/8N	EPL1/4-1/8
EPL1/2-1/4	

EPL

Model



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

EU

Model



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

EE

Model



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

EV

Model



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

ED

Model



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

EB

Model



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

EM

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

Metal Fitting



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

EC



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

EF-M



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

EV



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

EL



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

EF-F



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

EH



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

EHU



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

EHC

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"8mm
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"6mm	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 8x4 8x5 8x6 10x1.5

12x1 14x10 18x12

Type: Roll Type

Length: 200m 100m

Colour:



Type: Spring Type
(With Fitting, Optional)

Length: 18m 12m 9m

7.5m 6m

Colour:



Size: 3/8x1/4 1/2x3/8 5/8
10x1.5 11x1 12x1 13x1
13.5x1 13.5x1.5 14x1
14.5x1 15x1 16x1
16x1.1 18x12 18x12
Opening Pressure: 200Psi
Max. Pressure: 800Psi
Temperature: -20° 60°C


PE TUBE
NYLON Tube
PU CUTTER

Model: 4x2.5 8x4 8x5 8x6

10x1.5 12x1

Type: Roll Type/Spring Type

Length: 200m 100m 50m

35m 30m

Colour:


Model:

3x2 4x2.5 5x3 8x4 8x5 8x6

10x7.5 12x1 14x10 16x12

Type: Roll Type

Length: 200m 100m 60m 35m

30m

Colour:



ECP-01

Air Gun


EB-0940



EB-094Y



EB-092



EB-092A



EB-093

Pressure Switch


HEP503 HEP506 HEP500M
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	18.5
HEP506		-0.7	6	0.6	4	3±0.01	2±0.01	18.5
HEP508M		-0.7	8	Duplicate Voltage Disparity≤1		3±0.01	Manual Return	18.5
HEP110		1	10	1	3	6±0.01	5±0.01	18.5
HEP516		6	16	1	4	10±0.02	8±0.02	36
HEP820		6	24	2	6	16±0.02	15±0.02	36
HEP530D		5	30	5	10	20±0.02	15±0.02	36
HEP530		8	30	Fixed 3-6		20±0.02	15~17±0.02	36
HEP530M		8	30	Duplicate Voltage Disparity≤4		20±0.02	Manual Return	36
HEP830	Low Side	-0.7	6	0.6	4	3±0.01	2±0.01	18.5
	High Side	8	30	Fixed 3-6		20±0.02	17.5±0.02	36
	Low Side	-0.7	6	0.6	4	3±0.01	2±0.01	18.5
HEP830HM	High Side	8	30	Duplicate Voltage Disparity≤4		20	Manual Return	36
	Low Side	-0.7	6	Duplicate Voltage Disparity≤1		3	Manual Return	18.5
HEP830HLM	High Side	8	30	Duplicate Voltage Disparity≤4		20	Manual Return	36


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

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 attitudes and may be fixed at any position. It is suitable for various locations require 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 filling	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 filling	Pressure

Pressure Gauge

PHOTO	DESCRIPTION OF GOODS	MODEL	OPTIONAL
	STEEL SHELL, PLASTIC LENS, BOTTOM CONNECTION	EY803	1.5"-8" -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"-8" -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"-8" -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"-8" -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"-8" -F WITH FLANGE -U WITH U CLAMP -R RHOMBUS CLAMP
	FULL S.S., BACK CONNECTION, WITH OIL	EYN804	

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



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