

JEC INSTRUMENTACION DEL NORTE S.A. DE C.V.



PORTAFOLIO DE PRODUCTOS, MARCAS Y SERVICIOS



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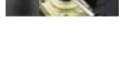
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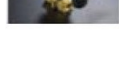
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Pneumatic Cylinder

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

EXSM Series Cylinder Bore Size: 6-32mm



SG Series Cylinder Bore Size: 20-100mm



SMB Series Cylinder Bore Size: 3-63mm



TTC Series Cylinder Bore Size: 32-800mm



EMC Series Cylinder Bore Size: 32-100mm ISO6431 & VDMA24592





RA Series Cylinder Bore Size: 18–63mm



LAS Series Cylinder Bore Size: 12–40mm



VBC Series Cylinder Bore Size: 32–200mm ISO6431 & VDMA24562



EMQ Series Cylinder Bore Size: 10–200mm



SQ Series Cylinder Bore Size: 12–100mm



SHL2 Series Cylinder Bore Size: 10–40mm Popular



3 FVBC/FXBC & VBC/LBC Series Standard Cylinder

FVBC/FXBC Series Standard Cylinder



How to Order?

FV -- B C -- 50x50 -- S --

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

Bore x Stroke: 32-100mm / 0-2000mm

Blank: No magnet
S: With Magnet

Mounting type:
Blank: basic type
FLB: Foot Mounting
FFA/FB: Front Rear Plate Mounting
FCA: Single Trunnion Mounting
FCB: Double Trunnion Mounting
FCR: Double Trunnion with Hinge Mounting

Rod end fitting type:
Blank: Basic type
FY: Y fitting
FI: I fitting
FF: Floating fitting
FB: Bearing fitting

Order example:

- * FV series Square type, Standard Type, 32mm bore, 50mm stroke, with magnet, Model: FVBC 32x50-S
- * FX series Mickey mouse type, Standard Type, 63mm bore, 150mm stroke, Model: FXBC 63x150

Specifications

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

VBC/LBC Series Standard Cylinder

How to Order?

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

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

Bore x Stroke: 32-200mm / 0-3000mm

Blank: No magnet
S: With Magnet

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

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

Order example:

- * V series Mickey mouse type, Double-shaft with adjustable stroke 20mm, 50mm bore, 100mm stroke, Model: VAC 50X100-20
- * L series Tie-rod type, Standard Type, 32mm bore, 50mm stroke, with magnet, Model: LBC 32X50-S

Specifications

Bore Size(mm)	32	40	50	63	80	100	125	160	200	Bore Size(mm)	32	40	50	63	80	100	125	160	200		
Acting type	Double Acting										Working temperature (°C)	-5 ~ 70									
Working medium	Clean Air (25 μ filtration)										Speed range (mm/s)	50-800									
Mounting type	VFA	VFB	VCA	VCB	VCR	VLB				Cushion type	Adjustable Cushion										
Rod end fitting type		VY	VI	VF	VB					Cushion stroke (mm)	24		32								
Range of working pressure (Bar)	1-9.0										Port Size	G 1/8	G 1/4	G 3/8	G 1/2	G 3/4					
Guaranteed pressure (Bar)	13.5																				

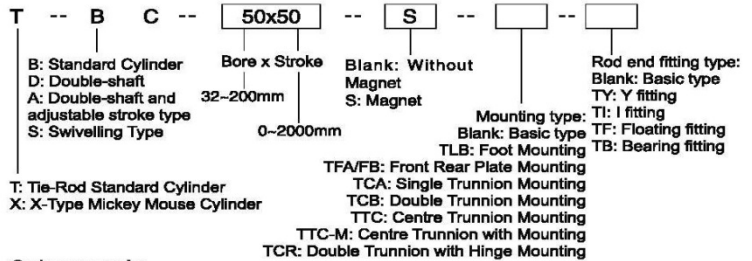




TBC/XBC Series Standard Cylinder



How to Order?



Order example:

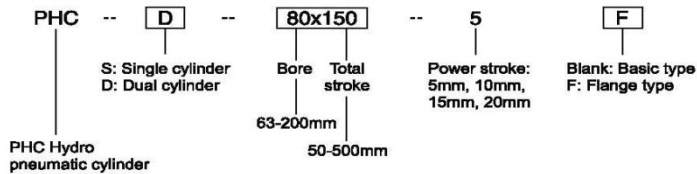
* T series cylinder, Standard type, 32mm bore, 50mm stroke, with magnet, Model: TBC 32X50-S
* X series cylinder, double shaft with adjustable stroke 20mm, 40mm bore, 200mm stroke, Model: XAC 40X200-20

Specifications

Bore Size(mm)	32	40	50	63	80	100	125	160	200	Bore Size(mm)	32	40	50	63	80	100	125	160	200
Acting type	Double Acting									Working temperature (°C)	-5 - 70								
Working medium	Clean Air (25 μ filtration)									Speed range (mm/s)	50-800								
Mounting type	TFA TFB TCA TCB TLB TTC TTC-M TCR									Cushion type	Adjustable Cushion								
Rod end fitting type	VY VI VF VB									Cushion stroke (mm)	24			32					
Range of working pressure (Bar)	1-9.0									Port Size	G1/8	G1/4	G3/8	G1/2	G 3/4				
Guaranteed pressure (Bar)	13.5																		

PHC Hydro Pneumatic Cylinder

How to Order?



Order example:

PHC type hydro pneumatic cylinder, basic type, single cylinder, 80mm bore, 180mm stroke, 5mm power stroke: Model No.:PHC-S-80x180-5
PHC type hydro pneumatic cylinder, flange type, dual cylinder, 160mm bore, 250mm stroke, 10mm power stroke: Model No.:PHC-D-160x250-10F



Specifications

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



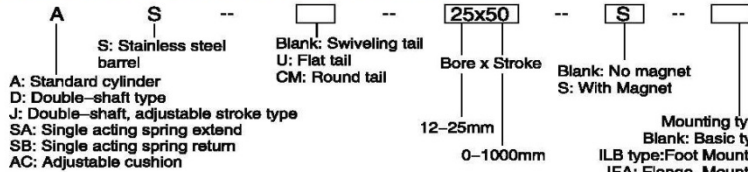
5 IAS Series Mini Cylinder & RAL/RAS Series Mini Cylinder

IAS Series Mini Cylinder

How to Order?



IAS 25x50-S



I: According to ISO8432 and CETOP RP52P standard

Order example:

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

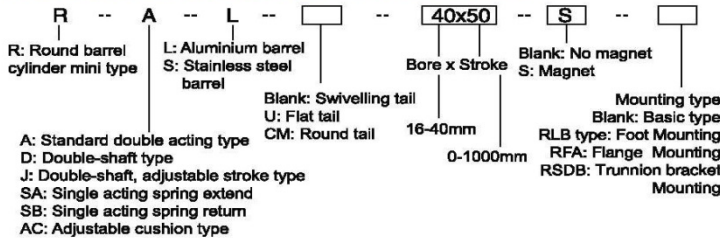
* I Series Cylinder Stainless Steel Barrel, Adjustable cushion, 25mm bore, 70mm stroke, with magnet, Model: IACS 25X70-S

Specifications

Bore Size(mm)	12	16	20	25
Acting type	Double Acting / Single Acting			
Working medium	Clean Air (25 μ filtration)			
Mounting type	IFA ISDB ILB			
Working pressure (Bar)	1-9.0			
Max. working pressure (Bar)	13.5			
Working temperature (°C)	0-80 (dry air-20)			
Speed range (mm/s)	10-1000			
Cushion type	16mm-25mm are with adjustable cushion, 12mm no cushion			
Material	Stainless steel barrel			
Port Size	M5 x 0.8			G 1/8

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 Anti-bump cushion Cushion Type Adjustable Cushion				
Range of working pressure (Bar)	1-9.0					Port Size	M5 x 0.8 G 1/8				
Guaranteed pressure (Bar)	13.5										



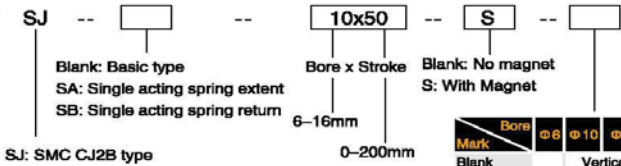
SJ Series Cylinder & SM Series Cylinder

6

SJ Series Stainless Steel Mini Type Cylinder



How to Order?



SJ: SMC CJ2B type

Order example:

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

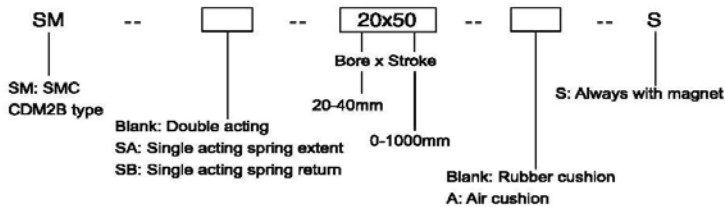
* SJ type mini cylinder, single acting spring extent type, 10mm bore, 25mm stroke, with magnet, Model: SJSA 10X25-S

Specifications

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

SM Series Stainless Steel Mini Type Cylinder

How to Order?



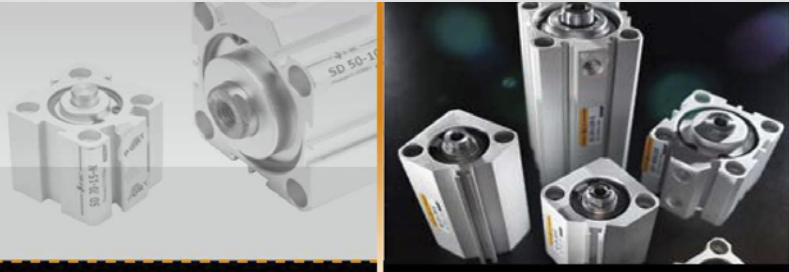
Order example:

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

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

Specifications

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



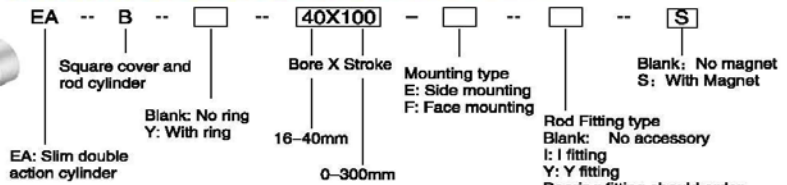
7 EAB/SP Series Cylinder

EAB Series Slim Type with Squareness End Cover Cylinder

How to Order?



EAB 20x75



Order example:

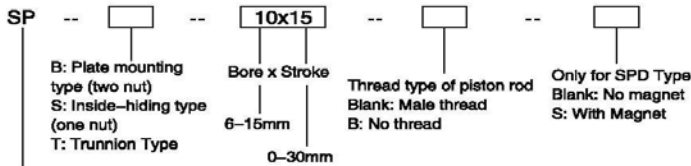
* EAB Series Slim Type with Squareness End Cover Cylinder, 25mm bore, 100mm Stroke, Side mounting, Model: EAB25x100-E

Specifications

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

SP Series Needle Cylinder

How to Order?



SP: SMC CJP needle cylinder
 single acting spring return
 SPD: SMC CJP needle cylinder
 double acting

Order example:

* SP type needle cylinder, single acting spring return, plate mounting, male thread, 6mm bore, 10mm stroke, Model: SPB 6X10
 * SP type needle cylinder, double acting, inside-hiding mounting, with magnet, no thread 10mm bore, 25mm stroke, Model: SPDS 10X25-BS

Specifications

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



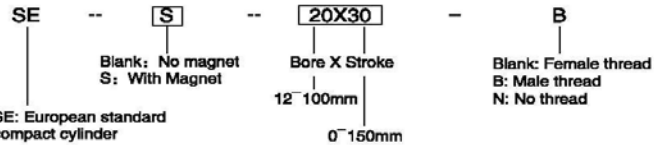
SE/SD Series Cylinder

SE Series European Standard Compact Cylinder



NEW

How to Order?



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 stroke, 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 extent									
Working medium	Clean air (25 μ filtration)									
Working pressure (Bar)	1-9									
Max. working pressure (Bar)	2-9									
Working temperature (°C)	-5-70									
Speed range (mm/s)	30-500									
Cushion type	Fixed cushion									
Port size (mm)	M5x0.8									

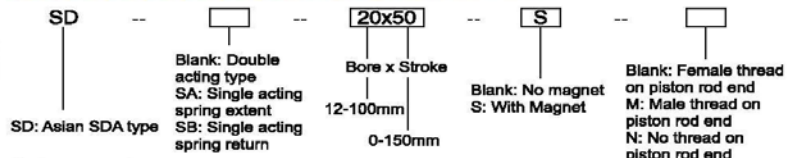
SD Series Compact Cylinder



SD 20x15-N

SD 50x10

How to Order?



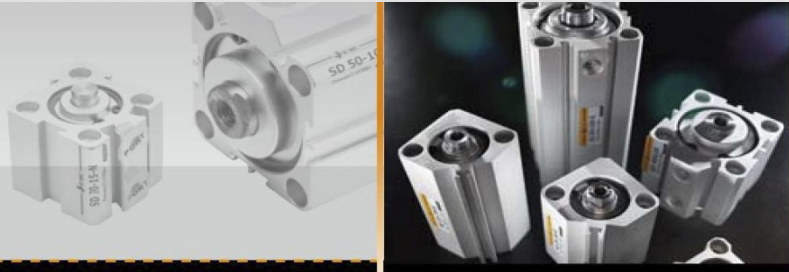
Order example:

* SD type compact cylinder, basic type, 40mm bore, 75mm stroke, female thread on piston rod end, Model: SD 40x75

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

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 extent									
Working medium	Clean air (25 μ filtration)									
Working pressure (Bar)	1-9									
Max. working pressure (Bar)	2-9									
Working temperature (°C)	-5-70									
Speed range (mm/s)	30-500									
Cushion type	Fixed cushion									
Port Size (mm)	M5x0.8									

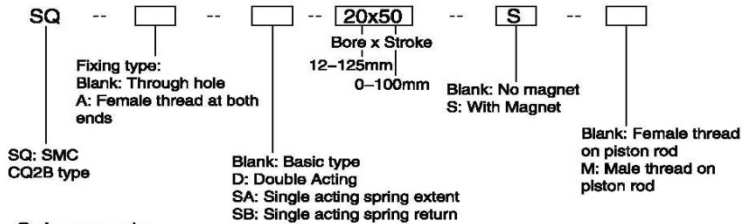


9 **SQ/EU Series Cylinder**

SQ Series Compact Cylinder



How to Order?



Order example:

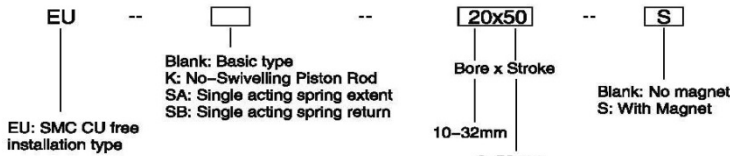
- * SQ type compact cylinder, basic type, fixing type: through hole, 50mm bore, 85mm stroke, Model: SQ 50x85
- * SQ type compact cylinder, single acting spring return, fixing type: female at both ends, male thread on piston rod, 63mm bore, 100mm stroke, with magnet, Model: SQASB 63x100-SM

Specifications

Bore Size(mm)	12	16	20	25	32	40	50	63	80	100	125	Bore Size(mm)	12	16	20	25	32	40	50	63	80	100	125	
Working medium	Clean air (25 μ filtration)											Cushion	None											
Acting type	Double acting / Single acting spring return / Single acting spring extant											Tolerance of Stroke	+1.0 0											
Max. working pressure (Bar)	15											Lubrication	Not Required											
Working pressure (Bar)	1~10											Installation (On barrel ends)	Through hole (Standard), female thread on both sides (Optional)											
Working temperature (°C)	5~60											Port Size (mm)	M5x0.8			G 1/8			G 1/4			G 3/8		
Piston rod thread type	Female thread (Standard), Male thread (Optional)																							

EU Series Free Installation Cylinder

How to Order?



EU 16x15

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

Specifications

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



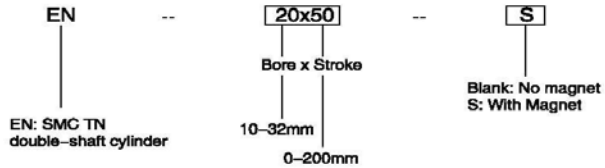
EN Series Double-shaft cylinder

NEW TECHNOLOGY



EN 16x15

How to Order?



Order example:

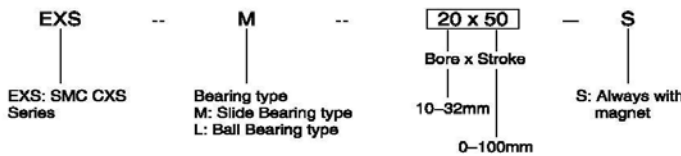
- * EN type double-shaft cylinder, basic type, 20mm bore, 50mm stroke, Model: EN 20X50
- * EN type double-shaft cylinder, 25mm bore, 50mm stroke, with magnet, Model: EN 25x50-S

Specifications

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

EXS Series Double-Shaft Cylinder

How to Order?



Hot Double Power



EXSM 10x40

Order example:

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

Specifications

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



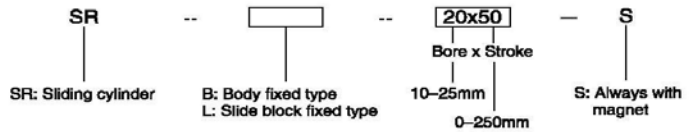
11 SR/SG Series Cylinder

SR Series Slide cylinder



SRB 16x100

How to Order?



Order example:

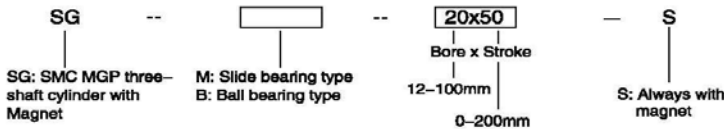
- * SR type sliding cylinder, body fixed type, 20mm bore, 50mm stroke, Model: SRB 20X50-S
- * SR type sliding cylinder, slide block fixed type, 16mm bore, 75mm stroke, Model: SRL 16X75-S

Specifications

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

SG Series Three-shaft cylinder

How to Order?



Order example:

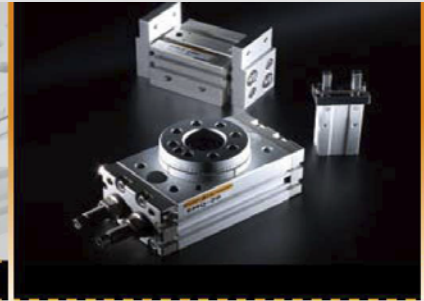
- * SG type three-shaft cylinder, slide bearing type, 20mm bore, 60mm stroke, Model: SGM 20X60-S
- * SG type three-shaft cylinder, ball bearing type, 32mm bore, 75mm stroke, with magnet, Model: SGB 32X75-S



SGM16x30-S

Specifications

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



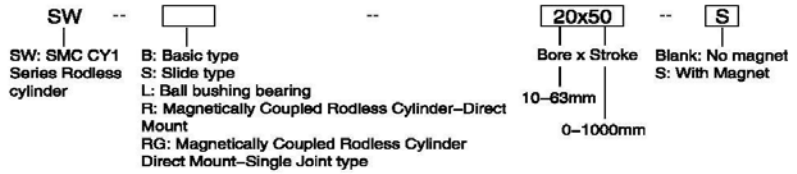
SW/EMQ Series Cylinder

SW Series Rodless cylinder



SWB 15x125

How to Order?



Order example:

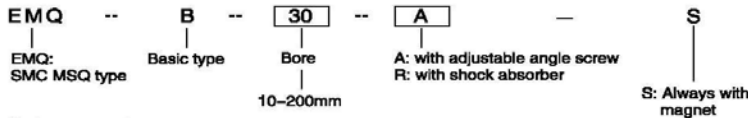
- * SW type Rodless cylinder, basic type, 20mm bore, 50mm stroke, Model: SWB 20X50
- * SW type Rodless cylinder, slide type, 15mm bore, 75mm stroke, Model: SWS 15X75

Specifications

Bore(mm)	10	15	25	32	40	50	63
Working Medium	Clean air (25 μ filtration)						
Acting Type	Double acting						
Guaranteed pressure (Bar)	10.5						
Working pressure (Bar)	1.8-7.1						
Working temperature (°C)	5-60						
Piston speed (mm/s)	50-400						
Cushion	with rubber cushion at two sides						
Tolerance of stroke	0 ⁻ 250: + ^{1.5} ₀ , 251 ⁻ 1000: + ^{1.4} ₀ , 1001: - ^{1.4} ₀						
Lubrication	Not required						
Port Size	M5x0.8			G 1/8		G 1/4	

EMQ Series Rotary Table, Rack & Pinion Cylinder

How to Order?



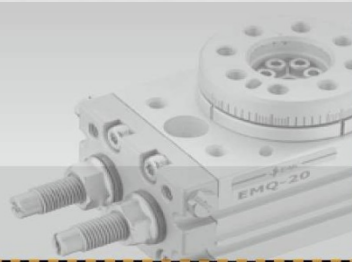
Order example:

- * 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



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 (Bar)	10						
Working Pressure (Bar)	6						
Min. Working Pressure (Bar)	1						
Working Temperature (°C)	0 ⁻ 60						
Cushion	Rubber Cushion (Standard) / Shock Absorber (Optional)						
Allowed Power	With adjustable angle screw	0.007J	0.025J	0.048J	0.081J	0.24J	0.32J 0.56J
	With shock absorber	0.039J	0.116J	0.294J	1.1J	1.6J	2.9J
Bore Size(mm)	10	20	30	50	70	100	200
Angle adjustable Range	0 ⁻ 190°						
Max. Rotation Angle	190°						
Steady Swing Time Range	0.2 ⁻ 1.0s / 90°		0.2 ⁻ 1.5s / 90°		0.2 ⁻ 2.0s / 90°		0.2 ⁻ 2.5s / 90°
	0.2 ⁻ 0.7s / 90°		0.2 ⁻ 1.0s / 90°				
Piston Diameter	φ15	φ18	φ21	φ25	φ28	φ32	φ40
Port Size	M5X0.8			G ¹ / ₈			

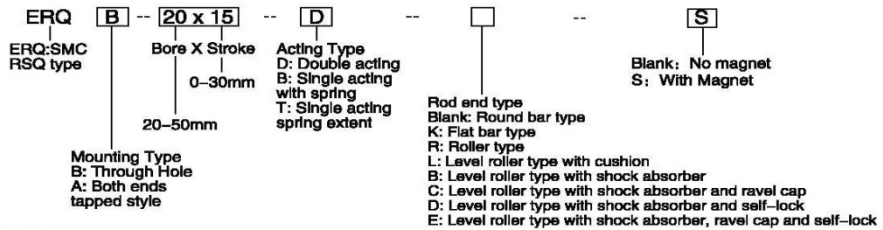


ERQ Series Stopper Cylinder(Fixed Mounting height)



ERQA 60x75R

How to Order?



Order example:

* ERQ Series Cylinder, Bore 20mm, stroke 15mm, through hole mounting, double acting spring, chamfered type, Model: ERQB 20x15BK
* ERQ Series Cylinder, Bore 40mm, stroke 30mm, with magnet, both ends female thread, single acting spring extent, level type(with adjustable shock absorber and ravel cap), Model: ERQA 40x30TCS

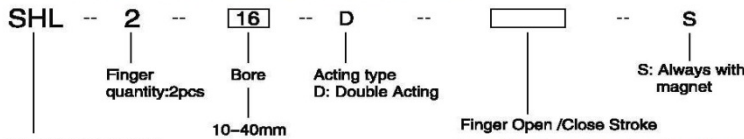
Specifications

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

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

SHL2 Series Parallel style wide Opening Air Gripper

How to Order?



SHL: SMC MHL wide Opening Air Gripper

Bore	Φ10	Φ16	Φ20	Φ25	Φ32	Φ40
Blank	20	30	40	50	70	100
1	40	60	80	100	120	160
2	60	80	100	120	160	200

Order example:

* SHL2 Series, bore 16mm, stroke 30mm, Model:SHL2-16DS
* SHL2 Series, bore 25mm, stroke 120mm, Model:SHL2-25D2S

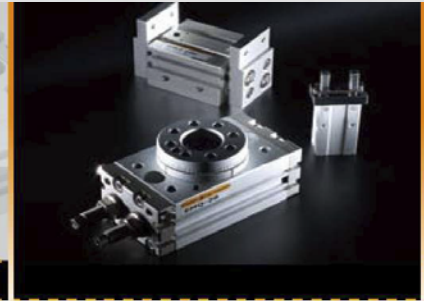


SHL2-10DS

Specifications

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

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



SHT2/SHZ2 Series Cylinder

SHT2 Series Angle Style Air Gripper Toggle type



SHT2-32DS

How to Order?

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

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

Order example:
 * Toggle type Air Gripper: 30N · m, Model: SHT2-40DS
 * Toggle type Air Gripper: 100N · m, Model: SHT2-63DS

Specifications

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

SHZ2/SHC2 Style Air Gripper

How to Order?

SHZ -- 2 -- 32 -- D -- []

SHZ: SMC MHZ Parallel type gripper
 SHC: SMC MHC Point type gripper
 Finger Quantity 2PCS
 Bore 6-40mm
 Acting Type D: Double Acting S: Single Acting(N.O.) C: Single Acting(N.C.)
 Dusty Seal Material Blank: CR F: FKM S: SI



Order example:
 * SHZ2 type parallel type gripper, double acting, 20mm bore, Model: SHZ2-20D
 * SHC2 type point type gripper, single acting, 16mm bore, Model: SHC2-16S

Specifications

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

**Special Cylinder**

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

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

**RLD 63x125-Y****EFC 80x120****ECA 80x125****EG 25-80****EHA 32x250****RTB 80x100**

○ Cylinder Mounting Accessories

Model:

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


Model:

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


Model:

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


Model:

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


Model:

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


Model:

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


Model:

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


Model:

ILB-16
 ILB-20
 ILB-25


Model:

ISDB-16
 ISDB-20
 ISDB-25


Model:

IFA-16
 IFA-20
 IFA-25

○ Rod end Fitting

Model:

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



TY-32
 TY-40
 TY-50
 TY-63
 TY-80
 TY-100

Model:

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


Model:

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

TI-32
 TI-40
 TI-50
 TI-63
 TI-80
 TI-100


Model:

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

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


Model:

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

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

17 Magnetic Switch

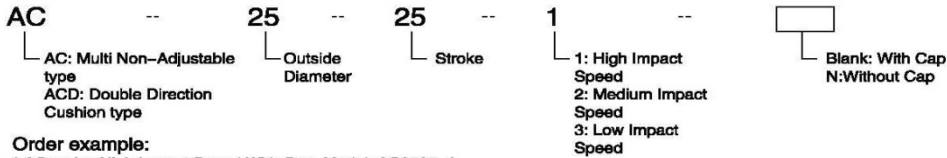
Photo	Model	Type	Dimensions	Voltage	Cylinder Type	
	HX-03R	Reed Switch		5-240V DC/AC	 For: IAS/IAL/RAS/RAL D6-D63 Cylinder	
	HX-03N	NPN		5-30V DC		
	HX-03P	PNP		5-30V DC		
	HX-15R	Reed Switch		5-240V DC/AC	 For: IAS/IAL/RAS/RAL D6-D63 Cylinder	
	HX-15N	NPN		5-30V DC		
	HX-15P	PNP		5-30V DC		
	HX-20R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

* M8, M12 Connector available



AC Series Shock Absorber

How to Order?



Order example:

- * AC series, High Impact Speed, With Cap, Model: AC2525-1
- * ACD series, High Impact Speed, With Cap, Model: ACD2525-1

Specifications

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

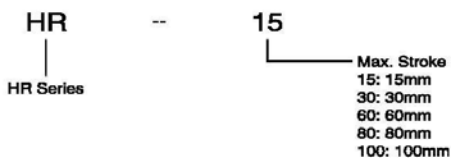

19 AD Series Shock Absorber
AD Series Shock Absorber
How to Order?

Order example:

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

Specifications

Model	Stroke (mm)	Max. Absorbing Energy Per Cycle (Nm)	Max. Absorb. Energy/ Hour (NM/hr)	Max. Effective Mass (Kg)	Max. Impact Speed (m/s)	Working Temperature (°C)
AD-1410-N/1410	10	20	24000	80	3.2	-10 +85
AD-1415-N/1415	15	22	26400	120	3.2	-10 +85
AD-2016N/2016	16	25	32000	200	3.6	-10 +85
AD-2050-N/2050	25	39	39000	312	3.6	-10 +85
AD-2525-N/2525	25	85	51000	400	3.6	-10 +85
AD-2530-N/2530	30	95	57000	480	3.6	-10 +85
AD-2540	40	100	84000	700	3.6	-10 +85
AD-2550	50	98	98000	720	4.2	-10 +85
AD-2580	80	150	275000	800	4.2	-10 +85
AD-3625	25	150	90000	1400	3.2	-10 +85
AD-3850	50	300	108000	1400	3.2	-10 +85
AD-4225	25	260	130000	3000	3.6	-10 +85
AD-4250	50	500	155000	4000	4.8	-10 +85
AD-4275	75	750	187500	6000	4.8	-10 +85
AD-64050	50	12000	1580000	12727	1.8	-10 +85
AD-64100	100	24000	1920000	18181	1.6	-10 +85
AD-64150	150	36000	2520000	23636	1.6	-10 +85

HR Series Speed Controls
How to Order?

Order example:

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

Specifications

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





Solenoid Valve

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

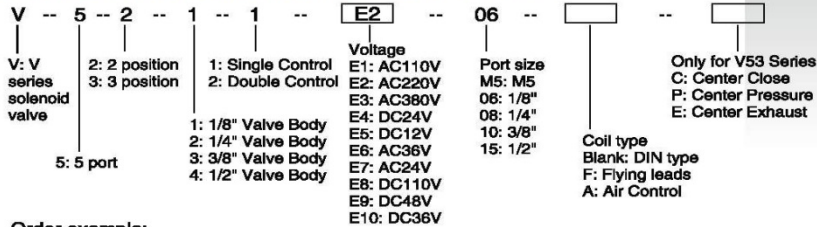






V Series Solenoid Valve (5/2, 5/3) & V Series Air Control Valve (5/2, 5/3)

How to Order?



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



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

Order example:

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

5 Port 2 Position Valve

<p>Model: V5211-M5 V5211-06</p>	<p>Model: V5221-06 V5221-08 V5231-08 V5231-10</p>	<p>Model: V5241-10 V5241-15</p>	<p>Model: V5212-M5 V5212-06</p>
<p>Model: V5222-06 V5222-08 V5232-08 V5232-10</p>	<p>Model: V5242-10 V5242-15</p>	<p>Model: V5211-M5A V5211-06A V5221-06A V5221-08A V5231-08A V5231-10A</p>	<p>Model: V5241-10A V5241-15A</p>
<p>Model: V5212-M5A V5212-06A V5222-06A V5222-08A V5232-08A V5232-10A</p>	<p>Model: V5242-10A V5242-15A</p>		

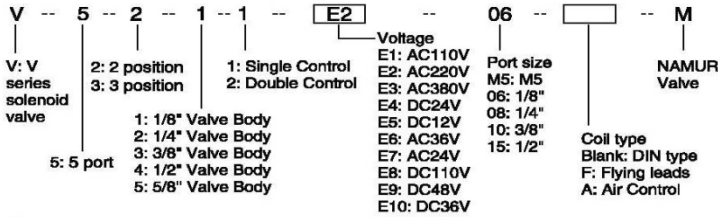
5 Port 3 Position Valve

<p>Model: V5312-M5AC V5312-06AC V5312-M5AP V5312-06AP V5312-M5AE V5312-06AE</p>	<p>Model: V5312-M5C V5312-06C V5312-M5P V5312-06P V5312-M5E V5312-06E</p>	<p>Model: V5322-06C V5322-06E V5322-08C V5322-08E V5332-08C V5332-08E V5332-10C V5332-10E V5322-06P V5322-08P V5332-08P V5332-10P</p>	<p>Model: V5342-10C V5342-10P V5342-10E V5342-15C V5342-15P V5342-15E</p>
<p>Model: V5322-06AC V5322-06AP V5322-06AE V5322-08AC V5322-08AP V5322-08AE V5332-08AC V5332-08AP V5332-08AE V5332-10AC V5332-10AP V5332-10AE</p>	<p>Model: V5342-10AC V5342-10AP V5342-10AE V5342-15AC V5342-15AP V5342-15AE</p>	<p>Manifold V521-NF(N=1,2,3.....14) V522-NF(N=1,2,3.....14) V523-NF(N=1,2,3.....14) V524-NF(N=1,2,3.....14)</p>	



25 **V Series NAMUR Valve (3/2, 5/2)**

How to Order?



Order example:

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

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

Namur Valve

★ ISO Standard Namur Valve

Model:

V5211-M5M
V5211-06M



Model:

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



Model:

V5212-M5M
V5212-06M



Model:

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



Model:

V3211-M5M
V3211-06M



Model:

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



Model:

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



Model:

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



Model:

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



Model:

V5312-M5AMP
V5312-06AMP V5332-06AMP ★ V5342-15AMP
V5312-06AMC V5332-08AMP ★ V5342-15AMC
V5312-06AME V5332-06AMC ★ V5342-15AME
V5322-06AMP V5332-08AMC ★ V5352-10AMP ★
V5322-06AMC V5332-06AME ★ V5352-10AMC ★
V5322-06AME V5332-08AME ★ V5352-10AME ★
V5322-08AMP V5332-10AMP V5352-15AMP ★
V5322-08AMC V5332-10AMC V5352-15AMC ★
V5322-08AME V5332-10AME V5352-15AME ★



Model:

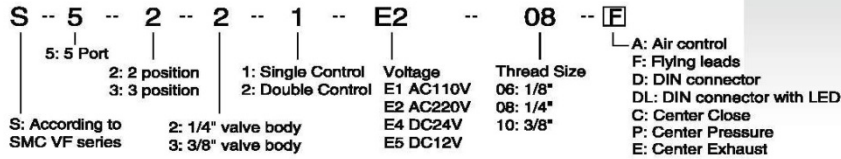
V5312-M5MP
V5312-06MP V5332-06MP ★ V5342-15MP
V5312-06MC V5332-08MP ★ V5342-15MC
V5312-06ME V5332-08MC ★ V5342-15ME
V5322-06MP V5332-08MC ★ V5352-10MP ★
V5322-06ME V5332-08ME ★ V5352-10MC ★
V5322-06ME V5332-08ME ★ V5352-10ME ★
V5322-08MP V5332-10MP V5352-15MP ★
V5322-08MC V5332-10MC V5352-15MC ★
V5322-08ME V5332-10ME V5352-15ME ★





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

How to Order?



order example:

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

Model: S5221E2-08F

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

Model:

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



Model:

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



Model:

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



Model:

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



Model:

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



Model:

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



Model:

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



Model:

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



Model:

S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL
S5322-08DL/S5322-08DL



Model:

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



Model:

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



Manifold

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





M221 Series

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



MJ322 Series

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



M322 Series

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



M522 Series

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



Hand Pull Valve

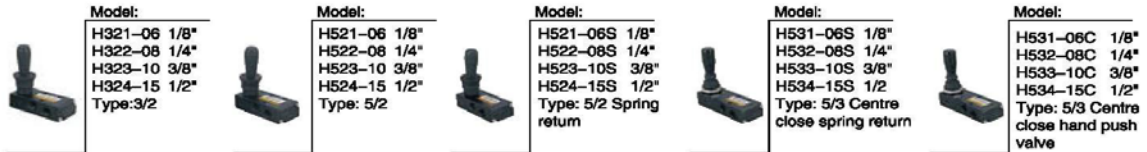
Working Pressure: 0–8Bar Working Temperature: –5° 80°C


Flow Control Valve

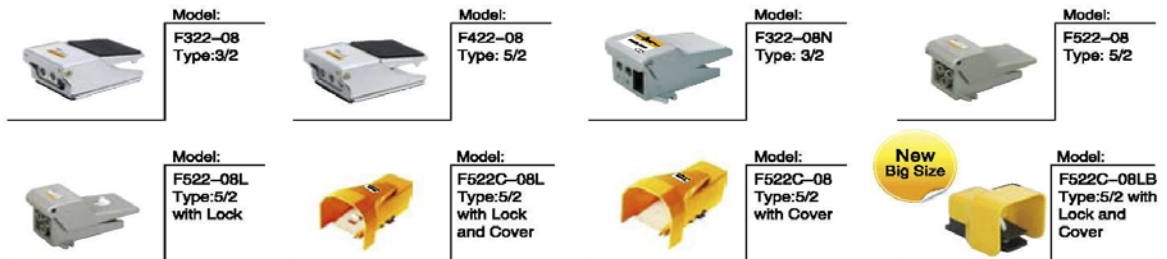
Working Pressure: 0–8Bar Working Temperature: –5° 80°C


Hand Push Valve

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


Foot Valve

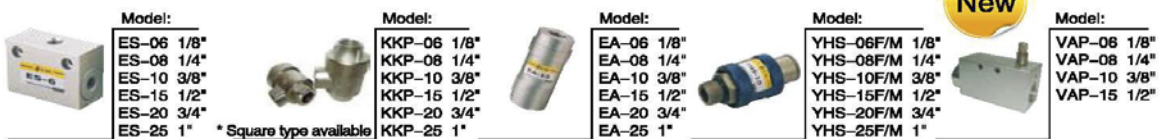
Port Size: 1/4" Working Pressure: 0–8Bar Working Temperature: –5° 80°C


Rotary Valve

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


Shuttle Valve
Quick Exhaust Valve
One Way Valve
Slide Valve
Pressure increase Valve

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

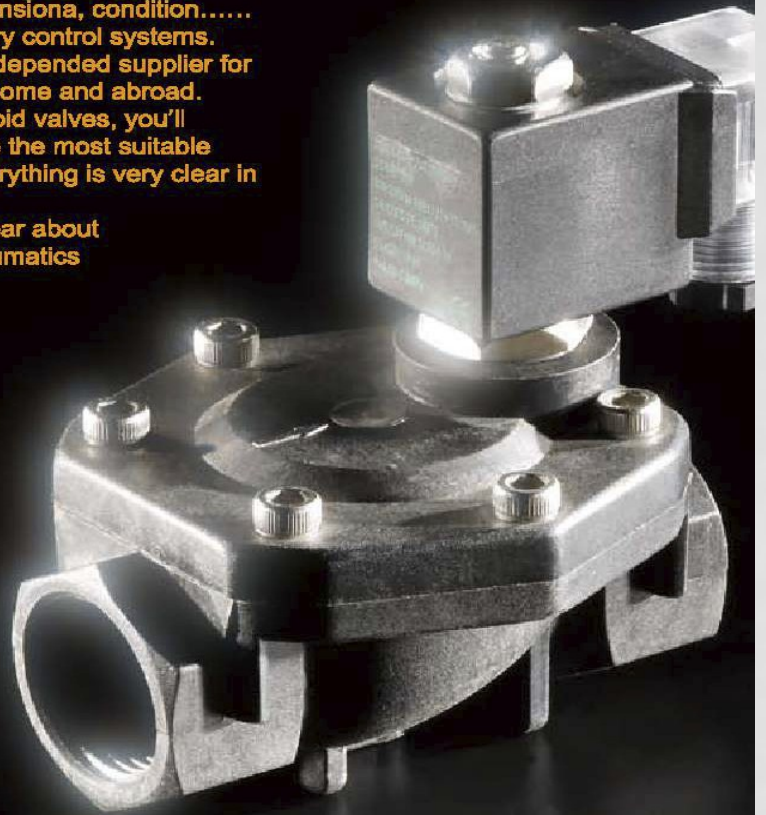




Two Port Two Position Solenoid Valve

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







31 SLP Series 2/2 Solenoid Valve

How to Order?

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

Cancel if same with port size

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



SLP Series 2/2 Solenoid Valve

Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)				Max. Temperature (°C)	Power		Model	
			Min. Pressure	Max. Working Pressure				VA	W	220VAC 50/60Hz	
				Air, Gas	Water, Hot Water, Liquid	Light Oil ≤20CSTT				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	6	80	22	13	SLP10E2-4L	SLP10E2-4LS1
	4	0.6	0	8	8	6	130	22	13	SLP10EE2-4L	SLP10EE2-4LS1
	4	0.6	0	8	8	6	120	22	13	SLP10VE2-4L	SLP10VE2-4LS1
	10.5	1.68	0	16	16	13	80	22	13	SLP10E2-10.5L	---
	10.5	1.68	0	16	16	---	130	22	13	SLP10EE2-10.5L	---
	10.5	1.68	0	16	16	13	120	22	13	SLP10VE2-10.5L	---
	13	4.5	0.5	16	16	13	80	22	13	SLP10E2-13L	SLP10E2-13LS1
13	4.5	0.5	16	16	---	130	22	13	SLP10EE2-13L	SLP10EE2-13LS1	
13	4.5	0.5	16	16	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	13	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	---	SLPFEE2-25LS1
	25	12	0.5	16	16	13	120	22	13	---	SLPFVE2-25LS1
Flange 4 Port	35	22	0.5	16	16	13	80	22	13	---	SLPFE2-35LS1
	35	22	0.5	16	16	---	130	22	13	---	SLPFEE2-35LS1
	35	22	0.5	16	16	13	120	22	13	---	SLPFVE2-35LS1
Flange 4 Port	40	30	0.5	16	16	13	80	22	13	---	SLPFE2-40LS1
	40	30	0.5	16	16	---	130	22	13	---	SLPFEE2-40LS1
	40	30	0.5	16	16	13	120	22	13	---	SLPFVE2-40LS1
Flange 4 Port	50	48	0.5	16	16	13	80	22	13	---	SLPFE2-50LS1
	50	48	0.5	16	16	---	130	22	13	---	SLPFEE2-50LS1
	50	48	0.5	16	16	13	120	22	13	---	SLPFVE2-50LS1


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

SLP06E2-1LH

SLP06E2-1LS1H

SLP-20H

SLP-15S1H

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

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



SLP-H /ESP Series 2/2 Solenoid Valve

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

ESP Series 2/2 Solenoid Valve (Normal Close)

How to Order?

ESP - 10 - - E2

ESP Series

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

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



ESP-10

Order example:

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

Specifications

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



How to Order?

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

Cancel if same with port size

Order example:

- * ZS series, 2 position, 2 port, AC110V, 1/8" port size, Orifice: 3mm, Brass, Normal Close, NBR Seal, Model: ZS06E1-3L
 - * ZS series, 2 position, 2 port, AC220V, 3/8" port size, Orifice: 16mm, SS304, Normal Open, VITON Seal, Model: ZS10VE2-16LS2H
- Note: 2.5mm only available flying leads coil, other orifice all with DIN connector.

ZS 2/2 Solenoid Valve (Normal Close)



ZS-06-E2-2.5L



ZS-06-E2-2.5LS2



ZS-10



ZS-10S2



ZSF-S2

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



ZS Series 2/2 Solenoid Valve

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

* Orifice: 2.5mm, Only flying leads Coil


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

ZS-H

ZS-S2H

Port Size	Orifice (mm)	CV Value	Pressure Difference (Bar)								Max. Temperature (°C)	Power		Model 220VAC	
			Min. Pressure	Max. Working Pressure								VA	W		
				Air, Gas		Water, Hot Water, Liquid		Light Oil <20CSTT		AC 220		DC 24V			
				AC	DC	AC	DC	AC	DC				Brass	Stainless Steel 304	
3/8"	4.0	0.6	0	5	3	5	3	3	3	80	57	32	ZS10E2-4LH	ZS10E2-4LS2H	
	4.0	0.6	0	5	3	5	3			120	57	32	ZS10EE2-4LH	ZS10EE2-4LS2H	
	4.0	0.6	0	5	3	5	3	3	3	120	57	32	ZS10VE2-4LH	ZS10VE2-4LS2H	
	16	4.8	0	5	3	3	5	3	3	80	57	32	ZS10E2-16LH	ZS10E2-16LS2H	
	16	4.8	0	5	3	3	5	3	3	120	57	32	ZS10EE2-16LH	ZS10EE2-16LS2H	
1/2"	16	4.8	0	5	3	5	3	3	3	80	57	32	ZS15E2-16LH	ZS15E2-16LS2H	
	16	4.8	0	5	3	5	3			120	57	32	ZS15EE2-16LH	ZS15EE2-16LS2H	
	16	4.8	0	5	3	5	3	3	3	120	57	32	ZS15VE2-16LH	ZS15VE2-16LS2H	
3/4"	20	7.6	0	5	3	5	3	3	3	80	57.2	32	ZS-20E2H	ZS-20E2S2H	
	20	7.6	0	5	3	5	3			120	57.2	32	ZS-20EE2H	ZS-20EE2S2H	
	20	7.6	0	5	3	5	3	3	3	120	57.2	32	ZS-20VE2H	ZS-20VE2S2H	
1"	25	12	0	5	3	5	3	3	3	80	57.2	32	ZS-25E2H	ZS-25E2S2H	
	25	12	0	5	3	5	3			120	57.2	32	ZS-25EE2H	ZS-25EE2S2H	
	25	12	0	5	3	5	3	3	3	120	57.2	32	ZS-25VE2H	ZS-25VE2S2H	
1-1/4"	32	24	0	5	3	5	3	3	3	80	70	40	ZS35E2-32LH	ZS35E2-32LS2H	
	32	24	0	5	3	5	3			120	70	40	ZS35EE2-32LH	ZS35EE2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	ZS35VE2-32LH	ZS35VE2-32LS2H	
1-1/2"	40	29	0	5	3	5	3	3	3	80	70	40	ZS-40E2H	ZS-40E2S2H	
	40	29	0	5	3	5	3			120	70	40	ZS-40EE2H	ZS-40EE2S2H	
	40	29	0	5	3	5	3	3	3	120	70	40	ZS-40VE2H	ZS-40VE2S2H	
2"	50	48	0	5	3	5	3	3	3	80	70	40	ZS-50E2H	ZS-50E2S2H	
	50	48	0	5	3	5	3			120	70	40	ZS-50EE2H	ZS-50EE2S2H	
	50	48	0	5	3	5	3	3	3	120	70	40	ZS-50VE2H	ZS-50VE2S2H	
Flange 4 Port	25	12	0	5	3	5	3	3	3	80	57	32	---	ZSFE2-25LS2H	
	25	12	0	5	3	5	3			120	57	32	---	ZSFEE2-25LS2H	
	25	12	0	5	3	5	3	3	3	120	57	32	---	ZSFVE2-25LS2H	
	32	24	0	5	3	5	3	3	3	80	70	40	---	ZSFE2-32LS2H	
	32	24	0	5	3	5	3			120	70	40	---	ZSFEE2-32LS2H	
	32	24	0	5	3	5	3	3	3	120	70	40	---	ZSFVE2-32LS2H	
	40	29	0	5	3	5	3	3	3	80	70	40	---	ZSFE2-40LS2H	
	40	29	0	5	3	5	3			120	70	40	---	ZSFEE2-40LS2H	
	40	29	0	5	3	5	3	3	3	120	70	40	---	ZSFVE2-40LS2H	
	50	48	0	5	3	5	3	3	3	80	70	40	---	ZSFE2-50LS2H	
	50	48	0	5	3	5	3			120	70	40	---	ZSFEE2-50LS2H	
50	48	0	5	3	5	3	3	3	120	70	40	---	ZSFVE2-50LS2H		



PU/2V Series Solenoid Valve

PU 2/2 Solenoid Valve (Normal Close)

How to Order?



PU220 -- [] -- E1 -- 03 -- S -- T

PU220 Series Blank: NBR
V: VITON

Voltage
E1: AC110V
E2: AC220V
E3: DC12V
E4: DC24V

Port Size
03: 3/8"
04: 1/2"
06: 3/4"
08: 1"

Blank: Standard Type
S: Small Orifice Type

Blank: DIN Coil
T: With Timer

Order example:

* PU220 series, 2 position, 2 port, NBR seal, 3/8" port size, small orifice, Voltage: AC220V, Model: PU220E2-03S
* PU220 series, 2 position, 2 port, NBR seal, 1/2" port size, with Timer, Voltage: DC24V, Model: PU220E4-04T

Specifications

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

* With Voltage AC220V

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

How to Order?

2V -- [] -- 025 -- E1 -- 06

2V Series Blank: NBR
V: VITON

Orifice
025: 2mm
130: 13mm
250: 25mm

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

Port Size
06: 1/8"
08: 1/4"
10: 3/8"
15: 1/2"
20: 3/4"
25: 1"



Order example:

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

Specifications

Model	2V025-06	2V025-08	2V130-10	2V130-15	2V250-20	2V250-25
Working medium	Air, Water, Steam					
Acting type	Direct acting Type			Pilot Type		
Type	Normal Close Type			Normal Close Type		
Orifice(mm)	2			13		
Cv value	0			6		
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/60Hz, 9VA/50Hz, DC:6W					
Insulation	Class F					
Material of Valve Body	Brass					
Seal Material	NBR or VITON			NBR		
Shortest Response Time	0.05s / second					



UD Series 2/2 Solenoid Valve (Normal Close)



How to Order?

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

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

* With Voltage AC220V

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

UW Series 2/2 Solenoid Valve (Normal Close)

How to Order?

UW	--	<input type="checkbox"/>	--	06	--	E1
UW Series		Blank: NBR		Port Size		Voltage
		V: VITON		06: 1/8"		E1: AC110V
				10: 3/8"		E2: AC220V
				20: 3/4"		E3: AC380V
				35: 1-1/4"		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



Specifications

* With Voltage AC220V

Model	UW-10E2	UW-15E2	UW-20E2	UW-25E2	UW-35E2	UW-40E2	UW-50E2
Orifice(mm)	16	16	20	25	35	40	50
Cv Value	4.8	4.8	7.6	12	24	29	48
Port Size	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)	11						
Working Temperature Range(°C)	-5~80						
Voltage Range	± 10%						
Valve Body	Brass						
Seal Material	NBR, VITON (optional)						



UWS/2P Series Solenoid Valve

UWS Series 2/2 Solenoid Valve (Normal Close)



How to Order?

UWS	--	[]	--	06	--	E1
UWS: SS304 Series		Blank: NBR V: VITON		Port Size 06: 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-15E2

Specifications

* With Voltage AC220V

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

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

How to Order?

2P	--	025	--	[]	--	06	--	E1	--	[]
2P Series		Orifice 025: 2.5mm		Blank: NBR V: VITON		Port Size 06: 1/8" 08: 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



Specifications

* With Voltage AC220V

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



41 THP Series 2/2 Solenoid Valve

How to Order?

THP -- **06** -- **E2** -- -- **2.5L** -- **S2** -- --

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

Cancel if same with port size

Order example:

- * THP series, 2 position, 2 port, AC110V, 1/8" port size, Orifice: 2.5mm, Brass, Normal Close, NBR Seal, DIN Coil, Model: THP06E1-2.5L
- * THP series, 2 position, 2 port, AC220V, 3/8" port size, Orifice: 15mm, SS304, Normal Open, Teflon Seal, Flying Leads Coil, Model: THP10TE2-15LS2HF

THP Series 2/2 Solenoid Valve (Normal Close)



THP-15TE2



THP-15TE2S2



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



THP/THP-H Series 2/2 Solenoid Valve

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

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



THP-15TE2H



THP-15TE2S2H



(G) Port size	Orifice (mm)	CV value	Pressure difference (Bar)						Max. temperature (°C)	Power		Model 220CAC 50/60HZ	
			Min. pressure	Max. working pressure				AC 220V		DC 24V	Brass	Stainless steel 304	
				Air, Gas	Water, Hot water, Liquid	Light oil ≤20CST	Steam						
3/8"	15	4.5	0.5	8	8	8	8	130	33	32	THP10E2T-15LH	THP10E2T-15LS2H	
	15	4.5	0.5	8	8	8	8	130	33	32	THP10E2T-15LHF	THP10E2T-15LS2HF	
1/2"	15	4.5	0.5	8	8	8	8	130	33	32	THP-15E2TH	THP-15E2TS2H	
	15	4.5	0.5	8	8	8	8	130	33	32	THP-15E2THF	THP-15E2TS2HF	
3/4"	20	9.0	0.5	8	8	8	8	130	33	32	THP-20E2TH	THP-20E2TS2H	
	20	9.0	0.5	8	8	8	8	130	33	32	THP-20E2THF	THP-20E2TS2HF	
1"	25	13	0.5	8	8	8	8	130	33	32	THP-25E2TH	THP-25E2TS2H	
	25	13	0.5	8	8	8	8	130	33	32	THP-25E2THF	THP-25E2TS2HF	
1-1/4"	35	26	0.5	6	6	6	6	130	33	32	THP-35E2TH	THP-35E2TS2H	
1-1/2"	35	26	0.5	6	6	6	6	130	33	32	THP-35E2THF	THP-35E2TS2HF	
1-1/2"	35	26	0.5	6	6	6	6	130	33	32	THP40E2T-36LH	THP40E2T-36LS2H	
	35	26	0.5	6	6	6	6	130	33	32	THP40E2T-36LHF	THP40E2T-36LS2HF	
1" Flange	25	13	0.5	8	8	8	8	130	33	32	-	THP-25FE2TS2H	
1-1/4" Flange	25	13	0.5	8	8	8	8	130	33	32	-	THP-25FE2TS2HF	
1-1/4" Flange	35	26	0.5	6	6	6	6	130	33	32	-	THP-35FE2TS2H	
	35	26	0.5	6	6	6	6	130	33	32	-	THP-35FE2TS2HF	
1-1/2" Flange	35	26	0.5	6	6	6	6	130	33	32	-	THP40FE2T-35LS2H	
	35	26	0.5	6	6	6	6	130	33	32	-	THP40FE2T-35LS2HF	
2" Flange	50	48	0.5	6	6	6	6	130	33	32	-	THP-50FE2TS2H	
	50	48	0.5	6	6	6	6	130	33	32	-	THP-50FE2TS2HF	


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

How to Order?

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

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

Specifications

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

* With Voltage AC220V

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



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

Specifications

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

* With Voltage AC220V



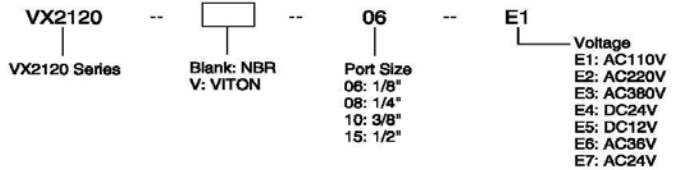
VX2120/EDF Series Solenoid Valve

VX2120 Series 2/2 Solenoid Valve (Normal Close)

How to Order?



VX2120



Order example:

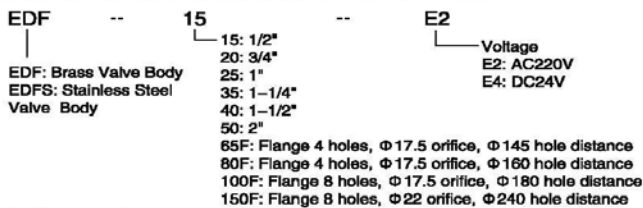
* VX2120 series, 2 position, 2 port, NBR seal, 1/2" port size, voltage AC220V, Model: VX2120-15E2

Specifications

Model	* With Voltage AC220V			
	VX2120-06E2	VX2120-08E2	VX2120-10E2	VX2120-15E2
Working Medium	Air, Water, Steam			
Motion Pattern	Direct Drive Type			
Type	Normal Close Type			
Working pressure(Bar)	0~10			
Aperture of Flow Rate(mm)	3 10 13			
Port Size	1/8"	1/4"	3/8"	1/2"
Operating Temperature Range(°C)	-5~80(150 is optional)			
Seal Material	NBR(VITON is optional)			

EDF Series 2/2 Solenoid Valve (Normal Close)

How to Order?



EDF

EDFS

Order example:

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

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

Specifications

Model	* With Voltage AC220V					
	EDF-15E2	EDF-20E2	EDF-25E2	EDF-35E2	EDF-40E2	EDF-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)	0~60					
Power Consumption	220V 50Hz Power: AC 25W					
Insulation	B class					
Life	20 Million times					
Speed	≤ 0.2 Sec.					
Installation	Direction of the fluid is Following the arrow					



45 **SLG/EQ Series Solenoid Valve**

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



SLG

How to Order?

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

Order example:

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

Specifications

Model	SLG22-06E2	SLG22-08E2	SLG23-06E2	SLG23-08E2
Working Medium	Air, Water, Oil			With Voltage AC220V Air
Orifice(mm)			1.6	
Cv Value			0.1	
Port Size	1/8"	1/4"	1/8"	1/4"
Working Pressure(Bar)	0-15			0-9
Voltage Range	± 10%			
Seal Material	NBR or VITON			

EQ Series 2/2 Solenoid Valve (Normal Close)

How to Order?

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

Order example:

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



EQ

Specifications

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



EMCF Series 2/2 Pulse Valve (Normal Close)

How to Order?



EMCF-25

EMCF-50

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

Order example:

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

Specifications

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

* With Voltage AC220V

EMCYF Series 2/2 Pulse Valve (Normal Close)

How to Order?

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



EMCYF-50

Order example:

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

Specifications

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

* With Voltage AC220V



47 **SLG5404/EMB Series Solenoid Valve**

SLG5404 Series 2/2 Solenoid Valve (Normal Close)



How to Order?

SLG5404 -- 15 -- E1 -- D

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

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

Specifications

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

* With Voltage AC220V

EMB23-024 Series 3/2 Direct Acting Solenoid Valve (Normal Close)

How to Order?

EMB23 -- 024 -- E2

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

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



Specifications

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



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

How to Order?

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



Order example:
 * EMC 2/2 Direct Acting series, 1/8" port size, Orifice: 1mm, Valve Body: 20*25mm, Voltage: AC220V, Model: EMC22001-06AE2

Specifications

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

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

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

How to Order?

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



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

Specifications

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

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



EMC Series 2/2 Pilot-Diaphragm Solenoid Valve (Normal Close, Normal open)

How to Order?

EMC -- 008B -- -- E2

EMC Series | Port Size | Blank: Normal Close
H: Normal Open | Voltage

008B: 1/4" 025B: 1" | E2: AC220V
010B: 3/8" 032B: 1-1/4" | E4: DC24V
015B: 1/2" 040B: 1-1/2"
020B: 3/4" 050B: 2"



EMC008B



EMC1040B

Order example:

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

Specifications

Model	Orifice(mm)	Port Size	Working Pressure(Bar) *	KV(m ³ /h)	Temperature	Temperature
EMC008BE2	10	1/4"	0.3-10	1.4	-10 ⁺ +50 ^o C	-10 ⁺ +80 ^o C
EMC010BE2	10	3/8"	0.3-10	1.4		
EMC015BE2	10	1/2"	0.3-10	1.4		
EMC015-14BE2 / EMC015-14BHE2	14	1/2"	0.3-10	2.52		
EMC020BE2/EMC020BHE2	14	3/4"	0.3-10	2.52		
EMC020-20BE2/EMC020-20BHE2	20	3/4"	0.3-10	5.0		
EMC025BE2/EMC025BHE2	20	1"	0.3-10	5.0		
EMC032BE2/EMC032BHE2	40	1-1/4"	0.7-16	18		
EMC040BE2/EMC040BHE2	40	1-1/2"	0.7-16	18		
EMC050BE2/EMC050BHE2	50	2"	0.7-16	28		

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

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

How to Order?

EMC -- 008 -- E2

EMC Series | Port Size | Voltage

008: 1/4" | E2: AC220V
010: 3/8" | E4: DC24V
015: 1/2"
020: 3/4"
025: 1"



EMC008

Order example:

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

Specifications

Model	Orifice(mm)	Port Size	Working Pressure(Bar) *	KV(m ³ /h)	Temperature	Temperature
EMC008E2	10	1/4"	0-10	1.4	-10 ⁺ +50 ^o C	-10 ⁺ +80 ^o 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



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

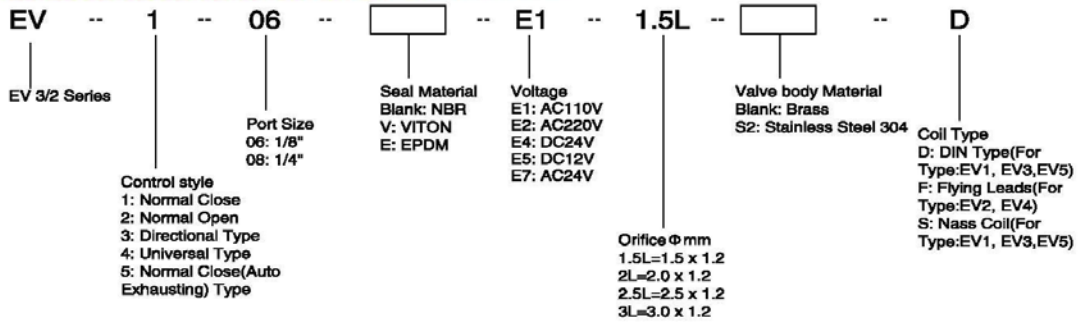


EV1/EV3/EV5 Series



EV2/EV4 Series

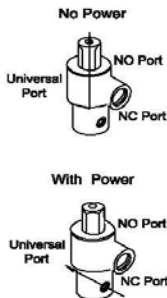
How to Order?



Order example:

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

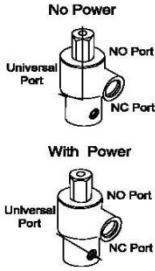
Specifications



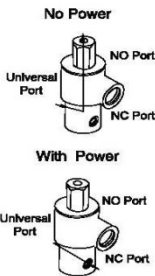
Joint Size	Orifice (mm)		CV Value		Pressure Difference (Bar)						Power		Model 220VAC 50/60Hz NBR Seal		
					Min. Pressure	Max. Working Pressure				AC 220	DC 24V	Valve Body Material			
	Air, Gas	Water, Liquid	Light Oil $\leq 20\text{CST}$												
			AC	DC		AC	DC	Brass	SS304						
1/8"	1.5	1.2	0.07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



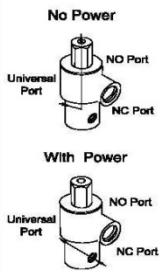
EV Series Solenoid Valve



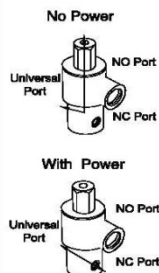
Joint Size	Orifice (mm)		CV Value		Min. Pressure	Pressure Difference (Bar)						Power		Model	
						Max. Working Pressure						VA	W	220VAC 50/60Hz NBR Seal	
	Body	Top	Body	Top		Air, Gas	Water, Liquid	Light Oil ≤20CSTT		AC 220	DC 24V	Valve Body Material			
								AC	DC			AC	DC	Brass	SS304
1/8"	1.5	1.2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



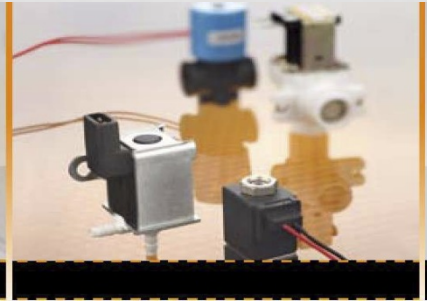
Joint Size	Orifice (mm)		CV Value		Min. Pressure	Pressure Difference (Bar)						Power		Model	
						Max. Working Pressure						VA	W	220VAC 50/60Hz NBR Seal	
	Body	Top	Body	Top		Air, Gas	Water, Liquid	Light Oil ≤20CSTT		AC 220	DC 24V	Valve Body Material			
								AC	DC			AC	DC	AC	DC
1/8"	1.5	1.2	0.07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



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



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


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

ESV1-06E2-1.5L

ESV1-06E2-1.5LS2
How to Order?

ESV -- **1** -- **06** -- **E1** -- -- -- **1.5L** --

ESV 3/2 Series | **Control style**
 1: Normal Close
 2: Normal Open
 3: Universal

Port Size
 06: 1/8"
 08: 1/4"

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

Coil Type
 Blank: DIN Type
 F: Flying Leads

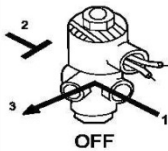
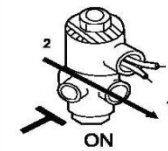
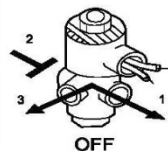
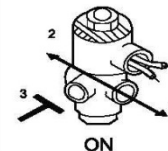
Seal Material
 Blank:
 NBR
 V: VITON
 E: EPDM

Orifice Ø mm
 1.5L: 1.5
 2L: 2.0
 3L: 3.0
 4L: 4.0
 5L: 5.0

Valve body Material
 Blank: Brass
 S2: SS304

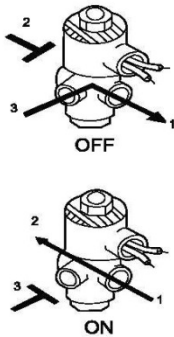
Order example:

- * 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

OFF

ON

Joint Size	Orifice (mm)	CV Value	Pressure Difference (Bar)				Max. Temperature (°C)	Power		Model 220VAC 50/60Hz		
			Min. Pressure	Max. Working Pressure		AC 220V		DC 24V				
				Air, Gas, Water, Hot Water, Liquid	Light Oil ≤20CST				AC			DC
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
3/8"	3.0	0.25	0	6	4	6	4	80	22	13	ESV1-06E2-3.0L	ESV1-06E2-3.0LS2
	3.0	0.25	0	6	4	6	4	120	22	13	ESV1-06VE2-3.0L	ESV1-06VE2-3.0LS2
	1.5	0.07	0	13	11	13	11	80	22	13	ESV1-08E2-1.5L	ESV1-08E2-1.5LS2
	1.5	0.07	0	13	11	13	11	120	22	13	ESV1-08VE2-1.5L	ESV1-08VE2-1.5LS2
	2.0	0.14	0	11	9	11	9	80	22	13	ESV1-08E2-2.0L	ESV1-08E2-2.0LS2
	2.0	0.14	0	11	9	11	9	120	22	13	ESV1-08VE2-2.0L	ESV1-08VE2-2.0LS2
1/4"	2.5	0.21	0	9	7	9	7	80	22	13	ESV1-08E2-2.5L	ESV1-08E2-2.5LS2
	2.5	0.21	0	9	7	9	7	120	22	13	ESV1-08VE2-2.5L	ESV1-08VE2-2.5LS2
	3.0	0.25	0	6	4	6	4	80	22	13	ESV1-08E2-3.0L	ESV1-08E2-3.0LS2
	3.0	0.25	0	6	4	6	4	120	22	13	ESV1-08VE2-3.0L	ESV1-08VE2-3.0LS2

Joint Size	Orifice (mm)	CV Value	Pressure Difference (Bar)				Max. Temperature (°C)	Power		Model 220VAC 50/60Hz		
			Min. Pressure	Max. Working Pressure		AC 220V		DC 24V				
				Air, Gas, Water, Hot Water, Liquid	Light Oil ≤20CST				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
1/4"	1.5	0.07	0	7	5	7	5	80	22	13	ESV3-08E2-1.5L	ESV3-08E2-1.5LS2
	1.5	0.07	0	7	5	7	5	120	22	13	ESV3-08VE2-1.5L	ESV3-08VE2-1.5LS2
	2.0	0.14	0	5	4	5	4	80	22	13	ESV3-08E2-2.0L	ESV3-08E2-2.0LS2
	2.0	0.14	0	5	4	5	4	120	22	13	ESV3-08VE2-2.0L	ESV3-08VE2-2.0LS2



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

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

For Drinking Fountain

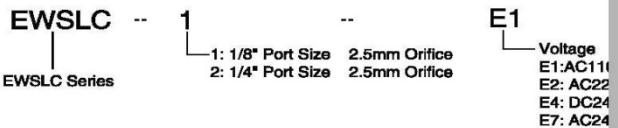


EWSLC1



EWSLC2

How to Order?

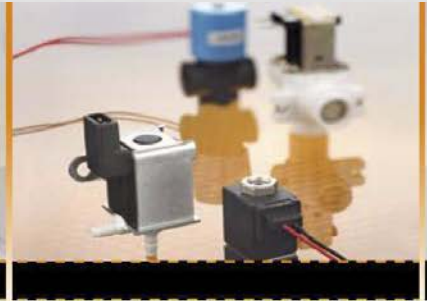


Order example:

* 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 Voltage
 4: 9mm Orifice 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 Connection: Orifice Blank: Normal Close
 Blank: Sub-plate 1.6: 1.6mm H: Normal Open
 Mount L: Joint Pipe Type
 Z: Z Series Mounting

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



23JVD-1.6L



23JVD-1.6



23JVD-1.6H

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 E5: DC12V E6: AC36V
										06: G1/8" 08: G1/4" 10: G3/8" 15: G1/2" 20: G3/4" 25: G1"				
										32: G1-1/4" 40: G1-1/2" 50: G2"				

Order example:

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

Specifications

Model	K23JD-6(H)	K23JD-8(H)	K23JD-10(H)	K23JD-15(H)	K23JD-20(H)	K23JD-25(H)	K23JD-32(H)	K23JD-40(H)	K23JD-50(H)
Working medium	Clean air								
Acting type	Pilot acting type								
Effective section area(mm ²)	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 E5: DC12V E6: AC36V
								6: G1/8" 8: G1/4" 10: G3/8" 15: G1/2"		
								20: G3/4" 25: G1"		

Order example:

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


K25JD-15
Specifications

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

How to Order?

Model:

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


Model:

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


Model:

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


Model:

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


Model:

- * GU23-0.6-1.5L GU23-0.6-1.5LT
- * Type: 3/2 normal close normal open(Optional)
- * Port Size: 1/4"
- * Orifice: 1.5mm 2mm
- * Pressure: 0-8Bar
- * Temperature: -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 50 days.

—E·MC R & D Dept.

Low Power Plastic Multi-Ports Valve



Model:

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

Model:



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

Model:



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

For Diesel Engine



Model:

- * EMC23-12L
- * Type: 3/2 normal close
- * Port Size: 1/2"
- * Orifice: 12mm
- * Pressure: 0-10Bar
- * Temperature: -5-100°C
- * Material: Aluminium

Model:



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

Double Viton Seal



Model:

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

Quick Exhausting Solenoid Valve



Model:

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

Model:

- * C35-06H
- * Type: 5/3
- * Port Size: 1/8"
- * Orifice: 2.5mm
- * Pressure: 0-10Bar
- * Temperature: -5-85°C
- * Material: Aluminium

Model:

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



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	EMC10-50A/B/C/D	Model	EMC10-50A/B/C/D
Port Size	DN10-DN50	Medium Temperature(°C)	PTFE: -10~+180
Thread	G3/8"-G2"	Working Temperature(°C)	-10~+60
Valve Body	CF8M	Viscosity(mm ² /s)	Max600
Actuator	CF8	Installation	any position
Spol Seal	PTFE	Controlling medium	Air, neutral gas
Piston Seal	PTFE/FKM	Controlling pressure(Bar)	3-10
Medium	water, neutral gas or liquid, ethanol, oil, organic solvent, steam, alkalescent 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	16	0-16	≥4	-	-	EMC10-40A	EMC10-40B
G3/8"	13	50	4.7		0-16	≥3	0-16	3	EMC10-50A	EMC10-50B
G1/2"	13	40	4.7		0-16	≥4	-	-	EMC15-40A	EMC15-40B
G1/2"	13	50	4.7		0-16	≥3	0-16	3	EMC15-50A	EMC15-50B
G3/4"	18	50	9.5		0-16	3-4	0-16	3	EMC20-50A	EMC20-50B
G1"	24	50	18.1		0-16	3-5.5	-	-	EMC25-50A	EMC25-50B
G1"	24	63	18.1		0-16	3-3.5	0-16	3.5	EMC25-63A	EMC25-63B
G1-1/4"	31	63	23.1		0-16	3-5	0-14	3.9	EMC35-63A	EMC35-63B
G1-1/2"	35	63	32.9		0-16	3-6	0-11	3.9	EMC40-63A	EMC40-63B
G2"	45	63	52.8		0-10	3-6.5	0-6	3.9	EMC50-63A	EMC50-63B
G2"	45	80	52.8		0-16	3-6.6	0-2	4	EMC50-80A	EMC50-80B

EMC Series Plastic Actuator Angle Valve

How to Order?

EMCP -- 10 -- 40 -- A -- S1

EMCP Plastic 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
 C: 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–DN50
Thread	RC3/8"–RC2–1/2"
Body Material	SS316/SS304
Actuator Material	SS304/Aluminum
Seat Seal	PTFE/FPM
Stem seal	PTFE/FPM
Piston seal	FPM/NBR

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

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

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

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

○ Armature+Connector+Timer



Model:
4V110A



Model:
4V220A



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



Model:
Q22XD–1.2A



Model:
K23D–1.2A



Model:
K23D–2A



Model:
43650C Connector



Model:
43650B Connector



Model:
43650A Connector



Model:
EMCC Connector



Model:
PUT Timer



Model:
110PH



Photo	Model	For Valve	Size(mm)
	VC1-F	V5211	Orifice: $\Phi 8$ mm L x W x H: 22x17x23.5mm
	VC1-DT	V5211	Orifice: $\Phi 8$ mm L x W x H: 22x17x23.5mm
	VC2-DT	V5221 V5231 V5241	Orifice: $\Phi 9.2$ mm L x W x H: 28.5x22x29mm
	2PC	2P025 V5221 V5231 V5241	Orifice: $\Phi 9.2$ mm H:29mm
	2VC	2V6-25	Orifice: $\Phi 9$ mm H:29mm
	VXC	VX06-15	Orifice: $\Phi 11$ mm H:35mm
	ZSC-1F	ZS4-25mm	Orifice: $\Phi 16.3$ mm L x W x H: 54X38.5X40mm

Photo	Model	For Valve	Size(mm)
	SLP-HC	SLP10-50(N.O.)	Orifice: $\Phi 16.3$ L x W x H: 54X38.5X40mm
	SLPC	3-50mm EV1/EV3/EV5 ZS Φ 10	Orifice: $\Phi 14.7$ L x W x H: 38.5x29x42mm
	ZSC-1D	ZS10-25mm(N.C.) THP(N.C., N.O.) SLP15-50(N.O.)	Orifice: $\Phi 16.3$ mm L x W x H: 54X38.5X40mm
	ZSC-2D	ZS32-50mm	Orifice: $\Phi 20.3$ mm Height: 50mm
	EGVC-1	5-25mm	Orifice: $\Phi 20.3$ H: 61.5mm
	ESP-C	ESP10-40mm	Orifice: $\Phi 13$ mm H: 40mm


Coil

Photo	Model	For Valve	Size(mm)
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EWC
EWSLC
**Orifice: Φ 11.5mm
H: 34mm**

UWEC
UW Series
**Orifice: Φ 16mm
H: 31mm**

VEC
**V5221
V5231
V5241**
**Orifice: Φ 9.2mm
H: 29mm**

USC
**UW35-50
US10-50**
**Orifice: Φ 23mm
H: 55mm**

UDC
**UD6-8
EV2/EV4**
**Orifice: Φ 14mm
H: 31mm**

UWC-1
UW10-25
**Orifice: Φ 16mm
H: 37mm**

Q23C
Q23XD
**Orifice: Φ 19mm
H: 33mm**

Photo	Model	For Valve	Size(mm)
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PUC
PU15-20
**Orifice: Φ 14mm
H: 42mm**

EDFC-S1
EDF15-25mm
**Orifice: Φ 16.3
H: 43.5mm**

EDFC-B2
EDF32-50
**Orifice: Φ 21
H: 55.5mm**

EMC-1C
**EMC22/
EMC23 Series**
**Orifice: Φ 12mm
L x W x H:
47x36x40mm**

EMC-2C
**EMC
Diaphragm
type 08-25**
**Orifice: Φ 14.5mm
L x W x H:
47x36x40mm**

EMB-C
EMB23 valve
**Orifice: Φ 11.5mm
L x W x H:
30x30x47mm**

EMCFC
**EMCF type
pulse valve**
**Orifice: Φ 12.3mm
L x W x H:
42.5x37.5x41.5mm**



Air Source Treatment Unit

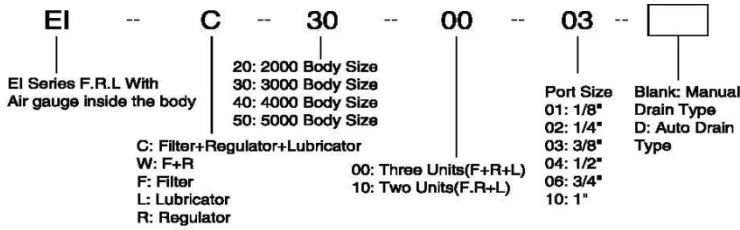
E.MC always controls very strictly every detail in all steps of the processing, from mould making to die-casting technique, from high precision machining to orderly assembling, from intelligent test control to overall quality control.....High quality with elegance appearance makes it very dependable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





65 **EI Series Air Source Treatment Unit**

How to Order?



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)



Model:
EIC2000-01 EIC2000-02



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



Model:
EIC2010-01 EIC2010-02



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



Model:
EIW2000-01 EIW2000-02



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



Model:
EIL2000-01 EIL2000-02



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



Model:
EIF2000-01 EIF2000-02



Model:
EIF3000-02 EIF3000-03
EIF4000-03 EIF4000-04
EIF5000-06 EIF5000-10

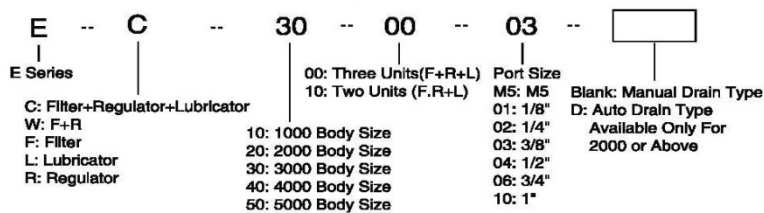


Model:
EIR2000-01 EIR2000-02
EIR3000-02 EIR3000-03
EIR4000-03 EIR4000-04
EIR5000-06 EIR5000-10



E Series Air Source Treatment Unit


















How to Order?



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)

 <p>Model: EC1000-M5 EC2000-01 EC2000-02</p>	 <p>Model: EC2500-02 EC2500-03 EC3000-02 EC3000-03 EC4000-03 EC4000-04 EC4000-06</p>	 <p>Model: EC5000-06 EC5000-10</p>		
 <p>Model: EC1010-M5 EC2010-01 EC2010-02</p>	 <p>Model: EC3010-02 EC3010-03 EC4010-03 EC4010-04 EC4010-06</p>	 <p>Model: EC5010-06 EC5010-10</p>		
 <p>Model: EW1000-M5 EW2000-01 EW2000-02</p>	 <p>Model: EW3000-02 EW3000-03 EW4000-03 EW4000-04 EW4000-06</p>	 <p>Model: EW5000-06 EW5000-10</p>		
 <p>Model: EL1000-M5 EL2000-01 EL2000-02</p>	 <p>Model: EL3000-02 EL3000-03 EL4000-03 EL4000-04 EL4000-06</p>	 <p>Model: EL5000-06 EL5000-10</p>		
 <p>Model: ER1000-M5 ER2000-01 ER2000-02 ER2500-03 ER3000-02 ER3000-03 ER4000-03 ER4000-04 ER4000-06 ER5000-06 ER5000-10</p>	 <p>Model: EF1000-M5 EF2000-01 EF2000-02</p>	 <p>Model: EF3000-02 EF3000-03 EF4000-03 EF4000-04 EF4000-06</p>	 <p>Model: EF3000-02D EF3000-03D EF4000-03D EF4000-04D EF4000-06D</p>	 <p>Model: EF5000-06 EF5000-10</p>



67 HE Series Air Source Treatment Unit

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

00: Three Units(F+R+L)
 10: Two Units(F.R+L)

Port Size
 01: 1/8"
 02: 1/4"
 03: 3/8"
 04: 1/2"
 06: 3/4"
 10: 1"

















Blank: Manual Drain Type
 D: Auto Drain Type Available Only For 3000 or Above

Order example:

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

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



 Model: HEC2000-01 HEC2000-02	 Model: HEC3000-02 HEC3000-03 HEC4000-03 HEC4000-04 HEC4000-06	 Model: HEC5000-06 HEC5000-10	
 Model: HEC2010-01 HEC2010-02	 Model: HEC3010-02 HEC3010-03 HEC4010-03 HEC4010-04 HEC4010-06	 Model: HEC5010-06 HEC5010-10	
 Model: HEW2000-01 HEW2000-02	 Model: HEW3000-02 HEW3000-03 HEW4000-03 HEW4000-04 HEW4000-06	 Model: HEW5000-06 HEW5000-10	
 Model: HEF2000-01 HEF2000-02	 Model: HEF3000-02 HEF3000-03 HEF4000-03 HEF4000-04 HEF4000-06	 Model: HEF5000-06 HEF5000-10	
 Model: HEL2000-01 HEL2000-02	 Model: HEL3000-02 HEL3000-03 HEL4000-03 HEL4000-04 HEL4000-06	 Model: HEL5000-06 HEL5000-10	 Model: ER2000-01 ER2000-02 ER3000-02 ER3000-03 ER4000-03 ER4000-04 ER4000-06 ER5000-04 ER5000-10 ER5000-06



HNE Series Air Source Treatment Unit

68

How to Order?

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

Order example:

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

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



Model:
HNEC2000-01
HNEC2000-02



Model:
HNEC3000-02
HNEC3000-03
HNEC4000-04
HNEC4000-06



Model:
HNEC5000-08
HNEC5000-10



Model:
HNEC2010-01
HNEC2010-02



Model:
HNEC3010-02
HNEC3010-03
HNEC4010-04
HNEC4010-06



Model:
HNEC5010-06
HNEC5010-10



Model:
HNEW2000-01
HNEW2000-02



Model:
HNEW3000-02
HNEW3000-03
HNEW4000-04
HNEW4000-06



Model:
HNEW5000-06
HNEW5000-10



Model:
HNEF2000-01
HNEF2000-02



Model:
HNEF3000-02
HNEF3000-03
HNEF4000-04
HNEF4000-06



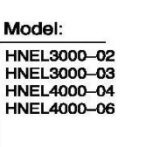
Model:
HNEF5000-06
HNEF5000-10



Model:
HNEL2000-01
HNEL2000-02



Model:
HNEL3000-02
HNEL3000-03
HNEL4000-04
HNEL4000-06



Model:
HNEL5000-06
HNEL5000-10



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


69 Bracket
T-Type Spacer


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

Spacer with L-Type Bracket


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

L-Type Bracket


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

Spacer with T-Type Bracket


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

T-Type Bracket


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

20-Type Bracket


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

40-Type Bracket


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

Auto Drain

HAD402 1/2"

Auto Drain

HED402-02
HED402-03
HED402-04

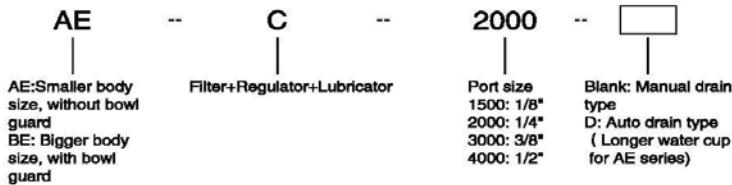

Auto Drain Element

ZDFS-06
ZDFS-08


High Precision Regulator

EHP3000-02
EHP3000-03




AE/BE Series Air Source Treatment Unit
How to Order?

Order example:

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

- * Working Press.: 0.5–10Bar
- * Max. Press.: 15Bar
- * Working Temp.: 5–60°C
- * Filter Precision: 40 μ (25 μ, 5 μ is optional)



Model:
AEC2000



Model:
BEC2000
BEC3000
BEC4000



Model:
AEFC2000



Model:
BEFC2000
BEFC3000
BEFC4000



Model:
AEFR2000



Model:
BEFR2000
BEFR3000
BEFR4000



Model:
AEF2000



Model:
BEF2000
BEF3000
BEF4000



Model:
AEL2000



Model:
BEL2000
BEL3000
BEL4000



Model:
AER2000
BER2000
BER3000
BER4000



71 EA/E804/EN Series Air Source Treatment Unit / Muffler

EA Series Air Source Treatment Unit

* Working Pressure: 0.5-17Bar

 High Pressure 250 PSI	Model: EAF3000-02	 	Model: EAL3000-02	 	Model: EAF3000-02
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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: EFR804-02 EFR804-03 EFR804-04
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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
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Muffler

 A Type Muffler	<table border="1"> <thead> <tr> <th>Model</th> <th>Thread Size</th> <th>S</th> </tr> </thead> <tbody> <tr><td>A-M5</td><td>M5</td><td>9</td></tr> <tr><td>A-8A</td><td>1/8"</td><td>13</td></tr> <tr><td>A-8A</td><td>1/4"</td><td>17</td></tr> <tr><td>A-10A</td><td>3/8"</td><td>22</td></tr> <tr><td>A-15A</td><td>1/2"</td><td>24</td></tr> <tr><td>A-20A</td><td>3/4"</td><td>30</td></tr> <tr><td>A-25A</td><td>1"</td><td>36</td></tr> <tr><td>A-32A</td><td>1 1/4"</td><td>46</td></tr> <tr><td>A-40A</td><td>1 1/2"</td><td>52</td></tr> <tr><td>A-50A</td><td>2"</td><td>64</td></tr> </tbody> </table>	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	<table border="1"> <thead> <tr> <th>Model</th> <th>Thread Size</th> <th>S</th> </tr> </thead> <tbody> <tr><td>AS-2.5</td><td>10-32UNF</td><td>8</td></tr> <tr><td>AS-8</td><td>1/8"</td><td>11</td></tr> <tr><td>AS-8</td><td>1/4"</td><td>14</td></tr> <tr><td>AS-10</td><td>3/8"</td><td>17</td></tr> <tr><td>AS-15</td><td>1/2"</td><td>22</td></tr> <tr><td>AS-20</td><td>3/4"</td><td>27</td></tr> <tr><td>AS-25</td><td>1"</td><td>34</td></tr> <tr><td>AS-32</td><td>1-1/4"</td><td>43</td></tr> <tr><td>AS-40</td><td>1-1/2"</td><td>51</td></tr> </tbody> </table>	Model	Thread Size	S	AS-2.5	10-32UNF	8	AS-8	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	<table border="1"> <thead> <tr> <th>Model</th> <th>Thread Size</th> <th>S</th> </tr> </thead> <tbody> <tr><td>AAS-M5</td><td>M5</td><td>8</td></tr> <tr><td>AAS-6</td><td>1/8"</td><td>12</td></tr> <tr><td>AAS-8</td><td>1/4"</td><td>15</td></tr> <tr><td>AAS-10</td><td>3/8"</td><td>19</td></tr> <tr><td>AAS-15</td><td>1/2"</td><td>23</td></tr> <tr><td>AAS-20</td><td>3/4"</td><td>30</td></tr> <tr><td>AAS-25</td><td>1"</td><td>36</td></tr> </tbody> </table>	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
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VS-40	1-1/2"	51																																																																																										

Muffler

VSF Type Muffler Steel with Nickel Plated

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


VD Type Muffler

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


VDS Type S.S Muffler

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


VSS Type S.S muffler

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


VT Type Muffler

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

Quick Exhaust Muffling Throttle Valve

SA Quick Exhaust Muffling Throttle Valve

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


SB Quick Exhaust Muffling Throttle Valve

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


SC Quick Exhaust Muffling Throttle Valve

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


SD Quick Exhaust Muffling Throttle Valve

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


SK Quick Exhaust Muffling Throttle Valve

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


SS Quick Exhaust Muffling Throttle Valve

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


SPK Quick Exhaust Muffling Throttle Valve

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

Plastic Muffler

SU Type Muffler

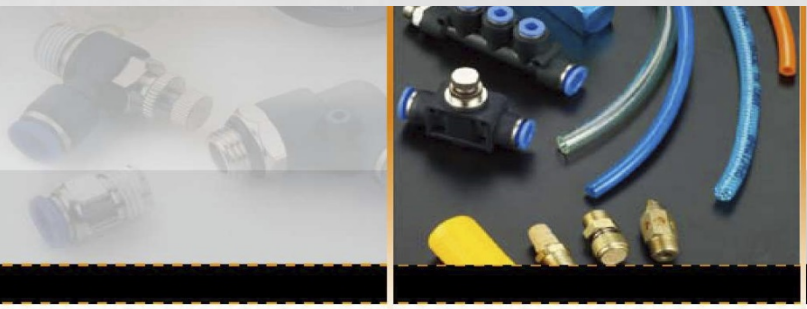
Model	Thread Size	φ
SU-6	1/8"	16
SU-8	1/4"	20
SU-10	3/8"	24
SU-15	1/2"	24
SU-20	3/4"	48
SU-25	1"	48


PSU Type Muffler

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


PSE Type Muffler

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



73 One Touch-In Fitting

EPC



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

EPCF



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

EPOC



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

EPMF

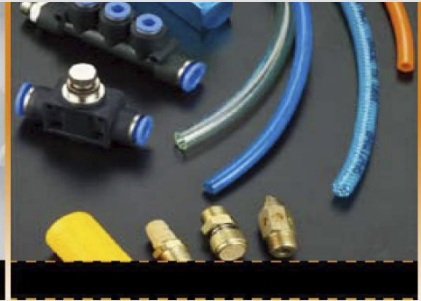


MODEL Φ D-T					
Tube(Metric)-Thread(Rc)		Tube(Inch)-Thread(NPT)			
EPMF04-01	EPMF10-01	EPMF5/32-1/8"N	EPMF3/8-3/8"N		
EPMF04-02	EPMF10-02	EPMF3/16-1/8"N	EPMF1/2-3/8"N		
EPMF06-01	EPMF10-03	EPMF3/16-1/4"N	EPMF1/2-1/2"N		
EPMF06-02	EPMF10-04	EPMF1/4-1/8"N			
EPMF06-03	EPMF12-02	EPMF1/4-1/4"N			
EPMF08-01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

EPL



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



EPLF



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

EPLL



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

EPLH



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

EPB



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

EPBF



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



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EPD



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

EPWT



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

EPH



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

EPHF

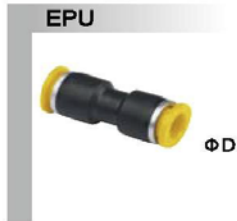
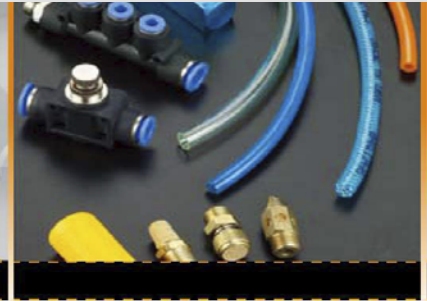


MODEL(ΦD1-ΦD2)						
Tube(Metric)-Tube (Metric)		Tube(Metric)-Tube (Inch)		Tube(Inch)-Tube (Inch)		
EPHF04-M5	EPHF08-01	EPHF12-04	EPHF1/4-M5	EPHF5/32-1/8"N	EPHF5/16-3/8"N	
EPHF04-M6	EPHF08-02		EPHF1/4-01	EPHF3/16-1/8"N	EPHF3/8-1/4"N	
EPHF04-01	EPHF08-03		EPHF1/4-02	EPHF3/16-1/4"N	EPHF3/8-3/8"N	
EPHF04-02	EPHF08-04		EPHF5/16-01	EPHF1/4-1/8"N	EPHF1/2-3/8"N	
EPHF06-M5	EPHF10-02		EPHF5/16-02	EPHF1/4-1/4"N	EPHF1/2-1/2"N	
EPHF06-M6	EPHF10-03		EPHF5/16-03	EPHF5/16-1/8"N		
EPHF06-01	EPHF10-04		EPHF3/8-02	EPHF5/16-1/4"N		
EPHF06-02	EPHF12-02		EPHF3/8-03			
EPHF06-03	EPHF12-03					

EPGJ



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



MODEL (Φ D)	
Tube (Metric)	Tube (Inch)
EPU04	EPV5/32
EPU06	EPV3/16
EPU08	EPV1/4
EPU10	EPV5/16
EPU12	EPV3/8
EPU14	EPV1/2
EPU16	



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



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



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



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



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



MODEL (Φ D)	
Tube (Metric)	Tube (Inch)
EPY04	EPY5/32
EPY06	EPY3/16
EPY08	EPY1/4
EPY10	EPY5/16
EPY12	EPY3/8
	EPY1/2



MODEL (Φ D)	
Tube (Metric)	Tube (Inch)
EPYJ04	EPYJ5/32
EPYJ06	EPYJ3/16
EPYJ08	EPYJ1/4
EPYJ10	EPYJ5/16
EPYJ12	EPYJ3/8
	EPYJ1/2



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



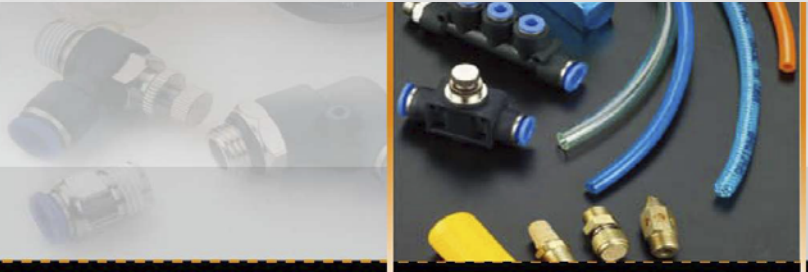
MODEL (Φ D1 - Φ D2)		
Tube (Metric)	Tube (Inch)	
EPG06-04	EPG16-12	EPG3/16-5/32
EPG08-04	EPG16-14	EPG1/4-5/32
EPG08-06		EPG1/4-3/16
EPG10-06		EPG5/16-1/4
EPG10-08		EPG3/8-5/16
EPG12-10		EPG1/2-3/8



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



MODEL (Φ D1 - Φ D2)	
Tube (Metric)	Tube (Inch)
EPW06-04	EPW3/16-5/32
EPW08-06	EPW1/4-5/32
EPW10-08	EPW1/4-3/16
EPW12-10	EPW5/16-1/4
	EPW3/8-5/16
	EPW1/2-3/8


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EPEW


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

EPEJ


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

EPEG


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

EPSJ


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

EPKG


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

EPKB


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

EPIG


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

EPKD

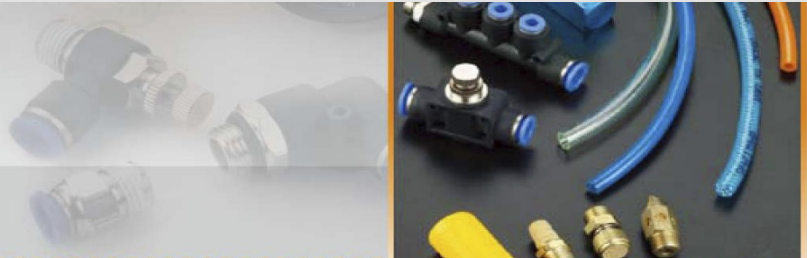

MODEL [Φ D1 - Φ D2 - T]	
Tube (Metric)	Tube (Inch)
EPKD 06-04-1	EPKD 3/16-5/32-N1
EPKD 08-04-2	EPKD 1/4-5/32-N1
EPKD 08-06-2	EPKD 5/16-5/32-N2
EPKD 10-08-3	EPKD 5/16-1/4-N2
	EPKD 3/8-5/16-N3

EPWJ


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

EPK


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



One Touch-In Fitting with O-Ring

EPC-G



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

EPL-G



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

EPCF-G



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

EPLF-G



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

EPOC-G



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

EPLL-G



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

EPMF-G



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

EPLH-G



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



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EPB-G



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

EPH-G



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

EPD-G



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

EPHF-G



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

EPBF-G



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

EPKB-G



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

EPWT-G

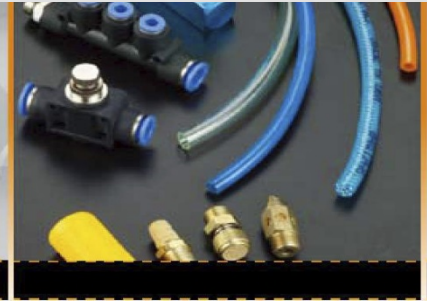


MODEL[ΦD-T]		
Tube(Metric)-Thread(G)		
EPWT 04-G01	EPWT 08-G04	
EPWT 04-G02	EPWT 10-G01	
EPWT 06-G01	EPWT 10-G02	
EPWT 06-G02	EPWT 10-G03	
EPWT 06-G03	EPWT 10-G04	
EPWT 06-G04	EPWT 12-G02	
EPWT 08-G01	EPWT 12-G03	
EPWT 08-G02	EPWT 12-G04	
EPWT 08-G03		

EPKD-G



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



Hand Valve

EHVFS



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

EHVSF



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

EHVFF



MODEL[$\phi D1-\phi D2$]		
Tube(Metric)		
EHVFF 06-06	EHVFF 12-10	
EHVFF 08-06	EHVFF 12-12	
EHVFF 08-08		
EHVFF 10-08		
EHVFF 10-10		

EHVSS



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

EHVFS-G



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

EHVSF-G



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

EHVSS-G



MODEL[$\phi T1-\phi T2$]		
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(ΦD-T)	
Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)
ESC 04-M5	ESC 08-03
ESC 04-01	ESC 08-04
ESC 04-02	ESC 10-01
ESC 06-M5	ESC 10-02
ESC 06-01	ESC 10-03
ESC 06-02	ESC 10-04
ESC 06-03	ESC 12-02
ESC 06-04	ESC 12-03
ESC 08-01	ESC 12-04
ESC 08-02	

MODEL(ΦD-T)	
Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
ESC 1/4-M5	ESC 5/32-U
ESC 1/4-01	ESC 5/32-N1
ESC 1/4-02	ESC 3/16-U
ESC 5/16-01	ESC 3/16-N1
ESC 5/16-02	ESC 3/16-N2
ESC 5/16-03	ESC 3/16-N3
ESC 3/8-02	ESC 1/4-U
ESC 3/8-03	ESC 1/4-N1
	ESC 1/4-N2
	ESC 1/2-N3
	ESC 1/2-N4

ESC-G



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

ESA



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

Mini Fitting

EPC-C



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

EPB-C



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

EPCF-C



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

EPD-C



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

EPOC-C



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

EPU-C



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


Mini Fitting
EPL-C


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

EPE-C


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

EPLL-C


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

EPY-C


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

EPUL-C


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

EPC-G-C


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

EPG-C


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

EPL-G-C


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

EPW-C


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



Stop Fitting

ESPC



MODEL($\phi D-T$)
Tube(Metric)
ESPC 06-01
ESPC 06-02
ESPC 08-02
ESPC 08-03

ESPL-G



MODEL($\phi D-T$)
Tube(Metric)
ESPL 06-G01
ESPL 06-G02
ESPL 08-G01
ESPL 08-G02
ESPL 08-G03

ESPL



MODEL($\phi D-T$)
Tube(Metric)
ESPL 06-M5
ESPL 06-01
ESPL 06-02
ESPL 08-01
ESPL 08-02
ESPL 08-03

ESPC-G



MODEL($\phi D-T$)
Tube(Metric)
ESPC 06-G01
ESPC 06-G02
ESPC 08-G02
ESPC 08-G03

ESPU



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

Check Valve

ECVPF

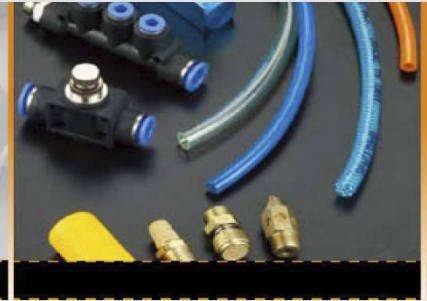


MODEL(T1-T2)
Tube(Metric)
ECVPF 02-02
ECVPF 03-03

ECVPF-G



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



○ Metal One Touch Fitting

EMPC-G



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

EMPU



MODEL [Φ D]	
Tube(Metric)	
EMPU 04	EMPU 10
EMPU 06	EMPU 12
EMPU 08	

EMPCF-G



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

EMPE



MODEL [Φ D]	
Tube(Metric)	
EMPE 04	EMPE 10
EMPE 06	EMPE 12
EMPE 08	

EMPL-G



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

EMPY



MODEL [Φ D]	
Tube(Metric)	
MEPY 04	MEPY 10
MEPY 06	MEPY 12
MEPY 08	

EMPB-G



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

EMPM



MODEL [Φ D]	
Tube(Metric)	
EMPM 04	EMPM 10
EMPM 06	EMPM 12
EMPM 08	

EMPSC



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

EMPGJ



MODEL [Φ D1-Φ D2]	
Tube(Metric)	
EMPGJ 06-04	EMPGJ 10-08
EMPGJ 08-04	EMPGJ 12-08
EMPGJ 08-06	EMPGJ 12-10
EMPGJ 10-06	



How to Order?

EMC -- 06 -- 01
 EMC Series 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
 Thread 01:1/8"
 02:1/4"
 03:3/8"
 04:1/2"

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



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



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



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



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



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



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



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



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



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



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



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



Model
 EMU3
 EMU4
 EMU6
 EMU8
 EMU10



Model
 EMV3
 EMV4
 EMV6
 EMV8
 EMV10



Model
 EME3
 EME4
 EME6
 EME8
 EME10



Model
 EMY4
 EMY6
 EMY8
 EMY10



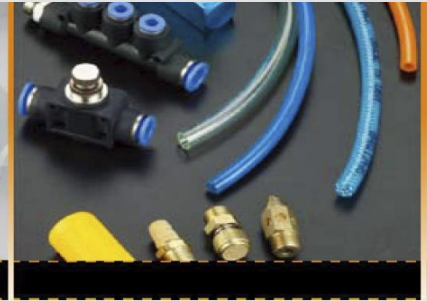
Model
 EMZA3
 EMZA4
 EMZA6
 EMZA8
 EMZA10



Model
 EMM3
 EMM4
 EMM6
 EMM8
 EMM10

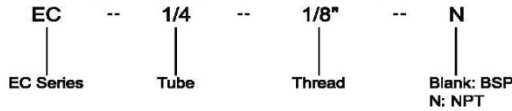


Model
 EMCF3-M8 EMCF6-03
 EMCF3-01 EMCF6-04
 EMCF3-02 EMCF8-01
 EMCF4-M8 EMCF8-02
 EMCF4-01 EMCF8-03
 EMCF4-02 EMCF8-04
 EMCF4-03 EMCF10-01
 EMCF4-04 EMCF10-02
 EMCF6-01 EMCF10-03
 EMCF6-02 EMCF10-04



U.S.A Style Fitting / Metal Fitting

How to Order?



U.S.A Style Fitting



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



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



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



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



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



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



Model
EV1/8
EV8
EV5/32
EV1/4
EV3/8
EV1/2
EV3
EV4
EV5
EV6



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



Model			
EB1/8-1/8N	EB1/4-3/8N	EB ^{1/2} -1/2N	NEB10-1/2
EB1/8-1/4N	EB1/4-1/2N	EB6-1/8	EB12-1/4
EB5/32-1/8N	EB5/16-1/8N	EB6-1/4	EB12-3/8
EB5/32-1/4N	EB5/16-1/4N	EB6-3/8	EB12-1/2
EB5/32-3/8N	EB5/16-3/8N	EB6-1/2	
EB5/32-1/2N	EB5/16-1/2N	EB8-1/8	
EB3/16-1/8N	EB3/8-1/8N	EB8-1/4	
EB3/16-1/4N	EB3/8-1/4N	EB8-3/8	
EB3/16-3/8N	EB3/8-3/8N	EB8-1/2	
EB3/16-1/2N	EB3/8-1/2N	EB10-1/8	
EB1/4-1/8N	EB1/2-1/4N	EB10-1/4	
EB1/4-1/4N	EB1/2-3/8N	EB10-3/8	



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

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

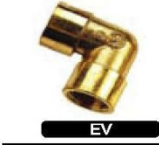
Metal Fitting



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



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



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



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



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



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



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



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



Quick Coupler

Material: Steel Zinc S.S.



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



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

SMY



1/4PT
3/8PT

SML



1/4PT

SMM



1/4PT

SMV



1/4PT
3/8PT

SMT



1/4PT

SMX



1/4PT

Hydraulic Fitting / Pressure: 0-600Bar



LQ-KT12

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



LQ-KT13

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



LQ-KT14

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



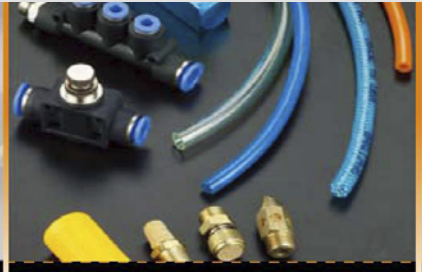
LQ-KT17

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



LQ-KT15

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


Milton / Tru-Flate / Aro / Orion Type Couplers and Plugs
Milton Type Couplers and Plugs

Tru-Flate Couplers and Plugs

Aro Type Couplers and Plugs

Orion Type Couplers and Plugs

Joint with 2 Milled Nuts




PU TUBE

Model:
 4x2.5 6x4 8x5 8x6 10x6.5
 12x8 14x10 16x12
 Type: Roll Type
 Length: 200m 100m
 Colour:

PU Reinforced Tube

Type: Spring Type (With Fitting, Optional)
 Length: 15m 12m 9m
 7.5m 6m
 Colour:

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

PE TUBE

Model: 4x2.5 6x4 8x5 8x6
 10x6.5 12x8
 Type: Roll Type/Spring Type
 Length: 200m 100m 50m
 35m 30m
 Colour:

NYLON Tube

Model:
 3x2 4x2.5 5x3 6x4 8x5 8x6
 10x7.5 12x8 14x10 16x12
 Type: Roll Type
 Length: 200m 100m 50m 35m
 30m
 Colour:

PU CUTTER

ECP-01

Air Gun

EB-094O **EB-094Y** **EB-092** **EB-092A** **EB-093**



Pressure Switch

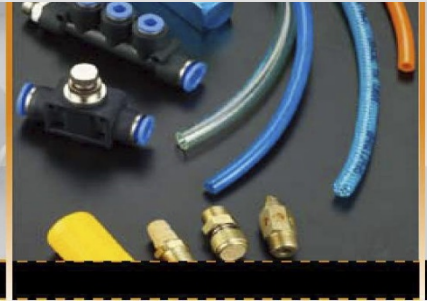


HEP503 HEP506 HEP506M
HEP110 HEP516 HEP520
HEP530D HEP530 HEP530M

HEP830 HEP830HM
HEP830HLM

HEC02

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


Support Bar Gas Spring


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

YQ	XX / XX	XXX	XXXX	(X-X)	XXXX	
TYPE	Dia. of piston rod	O.D. of barrel	Stroke	Extending Length	Type of fitting	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 stretches and may be fixed at any position. It is suitable for various locations require ring angle or height adjustment, such as adjustment of the angle of backrest of bus seat, adjustment of different angles of office chairs and special mechanical combination such as steering wheel system.

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

Raise Spring Gas Spring


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

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


Pressure Gauge

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

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



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