

Features

1. Maximum reduction of power consumption is up to 75%.
2. Effectively reduce temperature rise of coil and extend service life of solenoid valve.
3. Pilot acting for low starting pressure.
4. Large flow rate and high working pressure.
5. Quick response.
6. Stainless steel body and stem provide exceptional durability.
7. Flange type is available for JIS 10K, ANSI 150LB and PN16.
8. Timer for setting on/off time as optional accessory.
9. CE conformity.
10. Coil nut is available, please refer to page 5-3.
11. For power save connector, please refer to page 5-6.



How to order

E-SPU225A	N	E	F	—	O3	N	—	S7
Stainless steel	Acting style	Diaphragm	Flange type		Port size	Thread		Voltage
Pilot acting	Blank :Normally closed N :Normally open	Blank :VITON B :NBR E :EPDM H :HNBR	Blank :W/O Flange F :10K F3 :150LB F4 :PN16		O3 :3/8" 12 :1 1/4" O4 :1/2" 14 :1 1/2" O6 :3/4" 20 :2" O8 :1"	Blank :G N :NPT R :Rc		S7 :12VDC S9 :24VDC

How to order Repair kit

ZGPU225A	—	O3	N		
Repair kit	Port size	Diaphragm		Description	Qty.
ZGPU225A (Normally closed)	O3 :3/8", 1/2"	N :NBR		Plunger	1
ZGPU225AN (Normally open)	O6 :3/4", 1" 12 :1-1/4", 1-1/2" 20 :2"	V :VITON E :EPDM H :HNBR		Spring	2
				Diaphragm	1

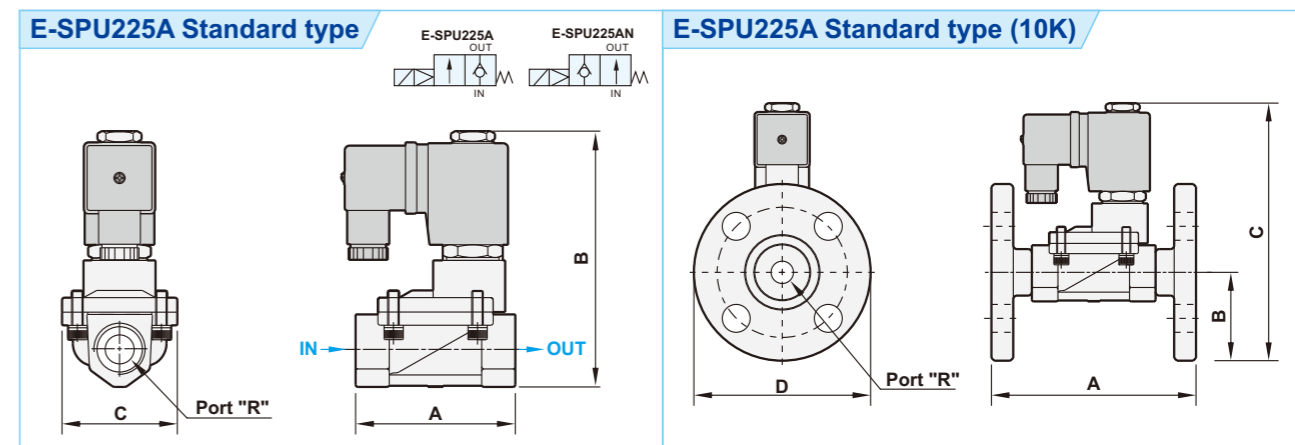
Specifications

Model	E-SPU225A-03	E-SPU225A-04	E-SPU225A-06	E-SPU225A-08	E-SPU225A-12	E-SPU225A-14	E-SPU225A-20
Port size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Fluid	Compressed air (light oil, water)						
Orifice	Ø13mm		Ø25mm		Ø38mm		Ø50mm
Effective area	88mm ²		230mm ²		404mm ²	552mm ²	883mm ²
Acting	Pilot acting						
Diaphragm	VITON (Standard), NBR, EPDM (Option)						
Operating pressure range	0.5 ~ 10 kgf/cm ²						
Proof pressure	15 kgf/cm ²						
Body /Flange material	Stainless steel SUS316 / SUS304,SUS316						
Fluid temperature	-10°C ~ 90°C						
Ambient temperature	-10°C ~ 60°C						
Installation	Horizontal						
Duty cycle	100% ED						
Coil type	DIN						
Protection class	IP65 (DIN 40 050)						
Insulation class	F						
Voltage tolerance	±10%						
Standard voltage	12VDC, 24VDC						
Power consumption	Power save 75% = 3.7W(4.6W option)						
Net weight	775g		1550g		2820g		4665g

Seal material selection guide

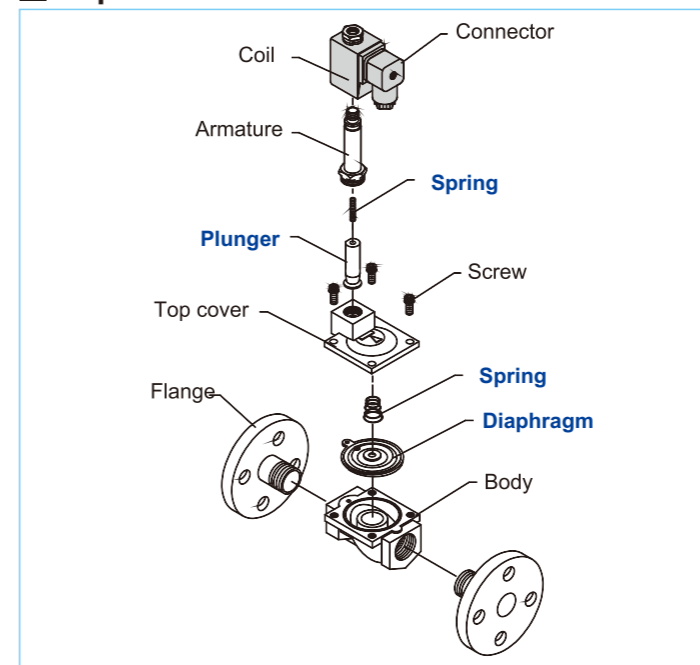
Seal	Temperature range	Suitable fluid	Unsuitable fluid
NBR	-15°C ~ 80°C	Air, Water, Neutral gases, Mineral oil	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel
HNBR	-40°C ~ 150°C	Air, Water, Gear oil, Engine oil	Pharmaceutical liquid, Gasoline and Hi-test gasoline, Light oil
VITON	-10°C ~ 180°C	Fuel oil, Gasoline and Hi-test gasoline, Diesel fuel	Hot water, Steam, Brake oil (ATE Blue)
EPDM	-5°C ~ 130°C	Hot water, Detergent liquid	Mineral oil, Gasoline

Dimensions



Model	R	A	B	C	D
E-SPU225A-03	3/8"	66.5	106.5	48	
E-SPU225A-04	1/2"	66.5	106.5	48	
E-SPU225A-06	3/4"	100	126.5	75	
E-SPU225A-08	1"	100	126.5	75	
E-SPU225A-12	1 1/4"	131.5	145.5	96	
E-SPU225A-14	1 1/2"	131.5	145.5	96	
E-SPU225A-20	2"	160	160.5	112	
E-SPU225AF-03	3/8"	110	45	137	90
E-SPU225AF-04	1/2"	110	47.5	139.5	95
E-SPU225AF-06	3/4"	149	50	152.5	100
E-SPU225AF-08	1"	150	62.5	164	125
E-SPU225AF-12	1 1/4"	180	67.5	173	135
E-SPU225AF-14	1 1/2"	180	70	182.5	140
E-SPU225AF-20	2"	210	77.5	210	155

Explosion



Flow chart

